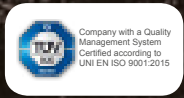


TOOLS

for strong challenges

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24

ENGLISH

HISTORY

1989

THE DEBUT AS SPECIALIZED METALWORKING WORKSHOP IN THE FAMILY HOUSE, IN THE RURAL AREA OF PAGNO, IN THE HEART OF THE ROMAGNA'S APENNINES.

1990

THE CANGINI BROTHERS SPECIALIZE THEIR ACTIVITY IN THE DESIGN AND PRODUCTION OF BUCKETS.

1992

THE YOUNG COMPANY IS ABLE TO CATCH THE MARKET'S SIGNS. THE CATALOGUE IS RICHER AND THE FIRST QUICK COUPLER, THE AR MODEL, IS PRODUCED.



1996

THE FIRST CANGINI ATTACHMENT JOINS THE CATALOGUE. THE COMPANY SETTLES IN THE NEW PLANT OF SARSINA.

CANGINIBENNE

2001

THE CR MECHANICAL QUICK COUPLER IS PLACED ON THE MARKET.

2006

THE EXPORT SHARE GROWS AND THE PRODUCTION AREA INAUGURATES ITS NEW 2,500 M².

CANGINI

2010

THE WORLD ECONOMIC CRISIS AFFECTS THE ITALIAN MARKET. CANGINI GROWS STRONGER THANKS TO ITS EXPORT SHARE.

CANGINI

2016

MENTION OF HONOUR TO SAFETY BY THE SAMOTER INNOVATION AWARD.

2017

NEW PRODUCTION AREA DEVOTED TO HYDRAULIC ATTACHMENTS (2,400 M²) WITH A NEW WATER-COATING PLANT.



2020

MALAGVTI
BY
CANGINI

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TECHNICAL LEGEND

| | | |
|-------------------------------------|--|--------------------|
| WEIGHT | W/O ROTATION | MAX. PIPE DIAMETER |
| EMPTY WEIGHT | BIDIRECTIONAL ROTATION | HEX KEY |
| FULL LOAD WEIGHT/OPERATING | SHAFTS | MATCHING BUCKET |
| ALLOWED MAX CAPACITY | SELECTED THICKNESS DIAMETER | ADAPTER |
| LIFTING CAPACITY | HAMMERS | EXCAVATOR |
| OIL FLOWRATE | STANDARD Y BLADES + INTERMEDIATE KNIFE | SKID LOADER |
| OIL FLOWRATE REQUESTED FOR ROTATION | CUTTING DIAMETER | MINI SKID LOADER |
| TEETH LOADING CAPACITY | ROTOR DIAMETER | WHEEL LOADER |
| POWER | DC TEETH • DTE TEETH | BACKHOE LOADER |
| PRESSURE | DF TEETH | TELESCOPIC |
| BELT TRANSMISSION | BRUSH | TRACTOR |
| ROTATION | BRUSH DIAMETER | |

THE BEST YEARS ARE THOSE STILL TO COME

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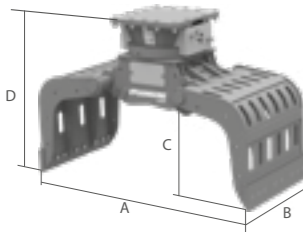


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HYDRAULIC ROTATION STANDARDIZED ON ALL MODELS. DESIGNED TO HANDLE DIFFERENT MATERIALS. HB400 CLAMPS WITH BOLT-ON REVERSIBLE CUTTING EDGES. ITS STRONG FRAME ALLOWS OPERATORS TO USE IT ALSO FOR LIGHT DEMOLITION WORKS.



| TONS (LB) | 1,2 - 1,8 (2646-3968) | 1,8 - 2,5 (3968-5512) | 2,5 - 4,0 (5512-8818) | 4,0 - 6,0 (8818-13228) | 6,0 - 7,5 (13228 - 16535) | 7,5 - 12,0 (16535 - 26455) | 12,0 - 14,0 (26455 - 30865) | | | | |
|--------------------|-----------------------|-----------------------|-----------------------|------------------------|---------------------------|----------------------------|-----------------------------|------------|------------|------------|------------|
| MOD. | 100PF | 150PF | 200PF | 250PF | 300PF | 300PG | 450PF | 450PG | 550PF | 550PG | |
| A MM (IN) | 700 (28) | 900 (35) | 1100 (43) | 1300 (51) | 1300 (51) | 1300 (51) | 1500 (59) | 1500 (59) | 1600 (63) | 1600 (63) | |
| B MM (IN) | 300 (12) | 400 (16) | 500 (20) | 500 (20) | 600 (24) | 600 (24) | 700 (28) | 700 (28) | 700 (28) | 700 (28) | |
| C MM (IN) | 270 (11) | 300 (12) | 330 (13) | 390 (15) | 410 (16) | 410 (16) | 460 (18) | 460 (18) | 1010 (40) | 1010 (40) | |
| D MM (IN) | 680 (27) | 750 (30) | 810 (32) | 850 (33) | 930 (37) | 930 (37) | 990 (39) | 990 (39) | 1260 (50) | 1260 (50) | |
| W/O COUPLER | KG (LB) | 88 (194) | 143 (315) | 203 (448) | 310 (683) | 380 (838) | 400 (882) | 550 (1213) | 590 (1301) | 630 (1389) | 645 (1422) |

JAWS DRIVE CYLINDER

| | | | | | | | | | | | |
|------|-----------------|------------|------------|------------|------------|------------|------------|------------|------------|------------|------------|
| MAX. | BAR (PSI) | 180 (2611) | 220 (3191) | 245 (3553) | 275 (3989) | 350 (5076) | 350 (5076) | 350 (5076) | 350 (5076) | 350 (5076) | 350 (5076) |
| MAX. | L/MIN (GAL/MIN) | 25 (7) | 25 (7) | 25 (7) | 60 (16) | 60 (16) | 60 (16) | 60 (16) | 60 (16) | 60 (16) | 60 (16) |

ROTATION ENGINE

| | | | | | | | | | | | |
|------|-----------------|------------|------------|---------------|----------------|----------------|----------------|----------------|----------------|----------------|----------------|
| MAX. | BAR (PSI) | 250 (3626) | 250 (3626) | 150 (2176) | 150 (2176) | 150 (2176) | 150 (2176) | 150 (2176) | 150 (2176) | 150 (2176) | 150 (2176) |
| | L/MIN (GAL/MIN) | 22 (6) | 22 (6) | 6/8 (1,6/2,1) | 9/12 (2,4/3,2) | 9/12 (2,4/3,2) | 9/12 (2,4/3,2) | 9/12 (2,4/3,2) | 9/12 (2,4/3,2) | 9/12 (2,4/3,2) | 9/12 (2,4/3,2) |

| | 100PF | 150PF | 200PF | 250PF | 300PF | 300PG | 450PF | 450PG | 550PF | 550PG |
|-------------------|---------------|---------------|---------------|---------------|---------------|---------------|---------------|---------------|---------------|---------------|
| 3 DC TEETH | DC 1 (KG 1,4) | DC 1 (KG 1,4) | DC 3 (KG 2,1) | DC 3 (KG 2,1) | DC 5 (KG 3,5) | DC 5 (KG 3,5) | DC 5 (KG 3,5) | DC 5 (KG 3,5) | DC 5 (KG 3,5) | DC 5 (KG 3,5) |



STANDARD

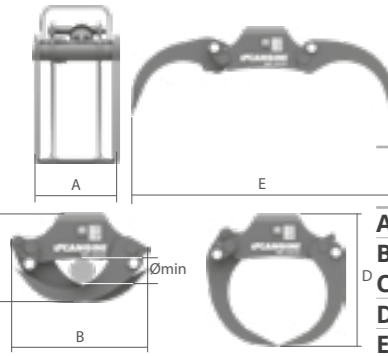
- 1 A HYDRAULIC ROTATION WITH SLEWING RING (EXCEPT THE 100PF AND 150PF MODELS)**
- 1 B HYDRAULIC ROTATION WITH HYDRAULIC ROTATOR (ONLY FOR THE 100PF AND 150PF MODELS)**
ALL SHEARS ARE EQUIPPED WITH A BIDIRECTIONAL HYDRAULIC ROTATION.
- 2 PG VERSION (HB400 MATERIALS) OR PF VERSION (HB400 MATERIALS)**
PG VERSION MAKES THE CLAMPS PARTICULARLY RESISTANT AND IDEAL FOR HEAVIER WORKS.

OPTIONAL

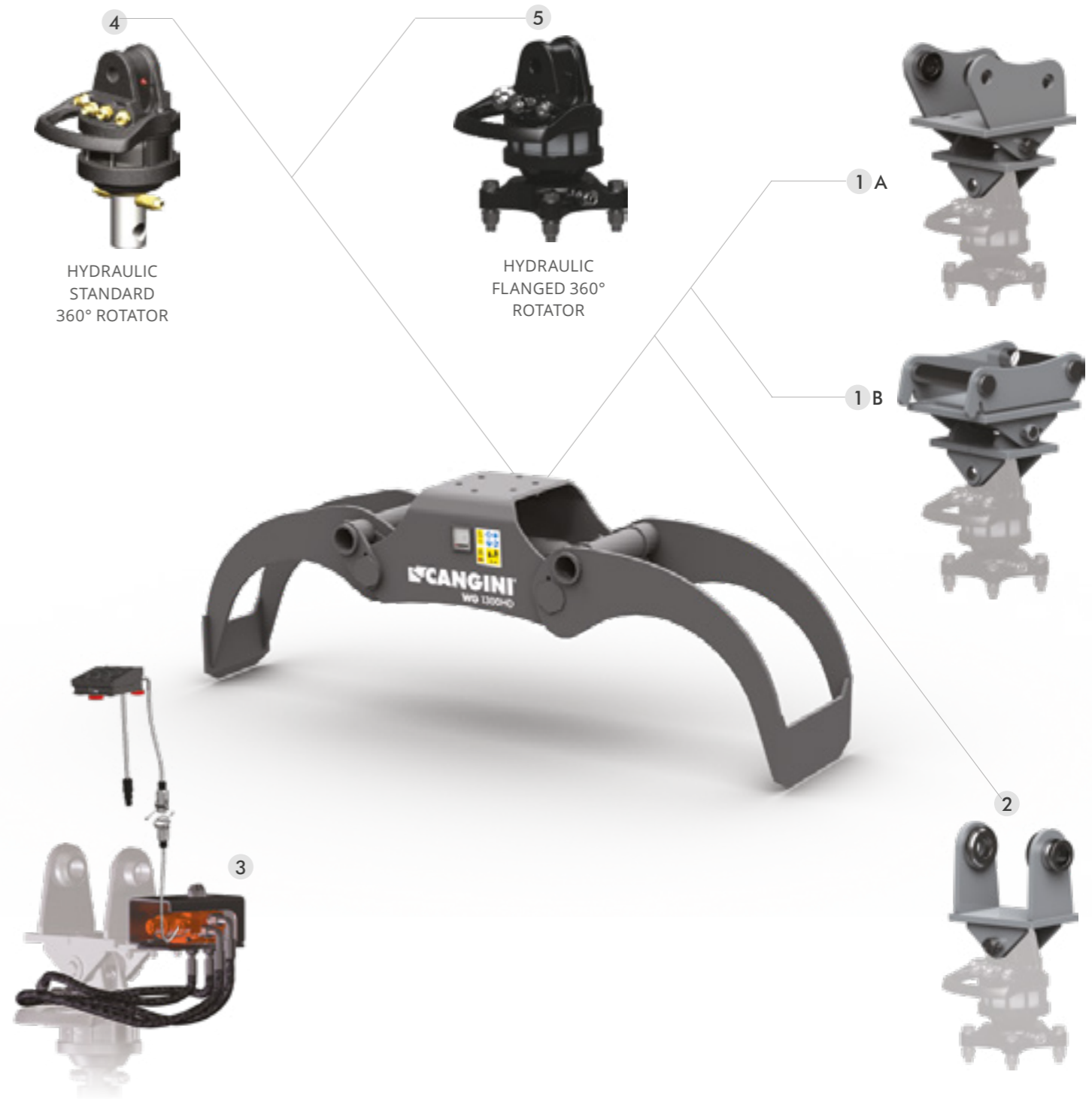
- 3 DC TEETH**
IDEAL FOR THE STONES GRABBING AND THE HANDLING OF FILLING MATERIAL.
- 4 TWO PIPE KIT**
A BUILT-IN SOLENOID VALVE ENABLES USE OF HYDRAULIC ROTATION AND JAWS OPENING/CLOSING FUNCTIONS EVEN ON EXCAVATORS WITH ONE DOUBLE-ACTION HYDRAULIC LINE. CONTROL KIT WITH MAGNETS TO EASILY PUT IT INSIDE THE CAB.
- 5 CURB HANDLING KIT**
DEVICES WITH A RUBBER SURFACE FOR THE HANDLING OF CONCRETE CURBS.
- 6 TOOTHED SIDE CLOSING**
THE TOOTHING ENABLES TO HANDLE STONES AND/OR WOOD STONES AND/OR WOOD AND ENSURES A STEADIER GRIP.
- 7 SIDE CLOSING**
IT INCREASES THE GRAPPLE'S LOADING CAPACITY.



THE LOG GRAPPLE CAN BE EQUIPPED WITH 360° HYDRAULIC ROTATION, PARTS SUBJECT TO GREATER WEAR ARE MADE OF DOMEX 700. STANDARD EQUIPMENT INCLUDES A BLOCK VALVE ON THE CLOSING CYLINDER.



| TONS (LB) | | 1,2 - 1,8 (2646-3968) | 1,8 - 3,5 (3968-7716) | 3,5 - 4,0 (7716-8818) | 4,0 - 5,0 (8818-11023) | 5,0 - 7,0 (11023-15432) | 7,0 - 8,0 (15432-17637) | 8,0 - 10,0 (17637-22046) | 10,0 - 12,0 (22046 - 26455) | 120-150 (26455-33069) | 150-180 (33069-39683) | |
|-------------|------------------|-----------------------|-----------------------|-----------------------|------------------------|-------------------------|-------------------------|--------------------------|-----------------------------|-----------------------|-----------------------|--------------|
| MOD. | | WG 1000 | WG 1100 | WG 1300 | WG 1300HD | WG 1500 | WG 1750 | WG 1650 | WG 1800 | WG 2000 | WG 1800HD | WG 2000HD |
| A | MM (IN) | 330 (13) | 395 (16) | 425 (17) | 490 (19) | 490 (19) | 500 (20) | 514 (20) | 582 (23) | 582 (23) | 630 (25) | 630 (25) |
| B | MM (IN) | 610 (24) | 655 (26) | 735 (29) | 735 (29) | 815 (32) | 960 (38) | 1030 (41) | 1180 (46) | 1225 (48) | 1180 (46) | 1225 (48) |
| C | MM (IN) | 410 (16) | 440 (17) | 495 (19) | 495 (19) | 580 (23) | 630 (25) | 600 (24) | 680 (27) | 730 (29) | 680 (27) | 730 (29) |
| D | MM (IN) | 650 (26) | 695 (27) | 790 (31) | 790 (31) | 850 (33) | 985 (39) | 935 (37) | 1005 (40) | 1100 (43) | 1005 (40) | 1100 (43) |
| E | MM (IN) | 1090 (43) | 1180 (46) | 1400 (55) | 1400 (55) | 1610 (63) | 1740 (69) | 1650 (65) | 1820 (72) | 2010 (79) | 1820 (72) | 2010 (79) |
| W/O COUPLER | KG (LB) | 48 (106) | 85 (187) | 118 (260) | 131 (289) | 196 (432) | 265 (584) | 280 (617) | 400 (882) | 450 (992) | 440 (970) | 505 (1113) |
| MIN. | MM (IN) | 70 (2,8) | 80 (3,1) | 75 (3) | 75 (3) | 95 (3,7) | 120 (4,7) | 100 (3,9) | 120 (4,7) | 150 (5,9) | 120 (4,7) | 150 (5,9) |
| MAX. | L/MIN (GALL/MIN) | 50 (13) | 50 (13) | 50 (13) | 50 (13) | 50 (13) | 50 (13) | 50 (13) | 50 (13) | 50 (13) | 50 (13) | 50 (13) |
| MAX. | KG (LB) | 500 (1102) | 1900 (4189) | 2100 (4630) | 2100 (4630) | 3100 (6834) | 3500 (7716) | 4000 (8818) | 6000 (13228) | 6000 (13228) | 7000 (15432) | 7000 (15432) |
| MAX. | BAR (PSI) | 100 (1450) | 200 (2901) | 200 (2901) | 200 (2901) | 200 (2901) | 200 (2901) | 230 (3336) | 250 (3626) | 250 (3626) | 250 (3626) | 250 (3626) |



OPTIONAL

1 DOUBLE PIN HITCH (A) OR ADAPTER (B)

2 SINGLE PIN HITCH

3 TWO PIPE KIT

IT ENABLES THEIR ROTATION AND THE JAWS' OPENING AND CLOSING FUNCTIONS EVEN ON MACHINES EQUIPPED WITH A SINGLE HYDRAULIC DOUBLE-EFFECT LINE. CONTROL KIT WITH MAGNETS TO EASILY PUT IT INSIDE THE CAB.

4 BASIC ROTOR

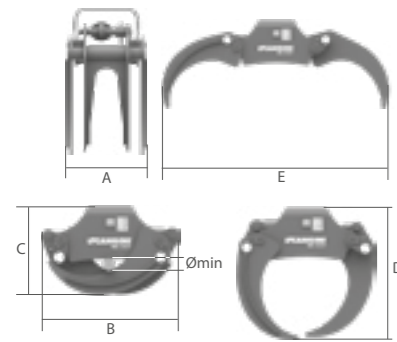
360° SHAFT ROTOR TO DRIVE THE GRABS.

5 FLANGED ROTOR

360° HYDRAULIC FLANGED ROTOR IDEAL FOR HEAVY DUTY JOBS.



ROTATION OF 360°, THIS FUNCTION IS LINKED TO THE CHOICE OF THE HYDRAULIC ENGINE - ASSISTS THE OPERATOR IN THE LOGS' GRIP PHASE, SPEEDING UP THIS OPERATION AND MAKING HIS WORK EFFECTIVE. PARTS SUBJECT TO WEAR ARE MADE OF DOMEX 700. IT'S PARTICULARLY SUITED FOR THE HANDLING OF CUT WOOD AND PRUNINGS. IT'S STANDARD EQUIPPED WITH A BLOCK VALVE ON THE CLAMP-CLOSING CYLINDER.



| TONS (LB) | 1,2 - 1,8 (2646-3968) | 1,8 - 3,5 (3968-7716) | 3,5 - 4,0 (7716-8818) | 4,0 - 5,0 (8818-11023) | 5,0 - 7,0 (11023-15432) | 7,0 - 8,0 (15432-17637) | 8,0 - 10,0 (17637-22046) | 10,0 - 12,0 (22046-26455) | 12,0 - 16,0 (26455-35274) |
|-----------|-----------------------|-----------------------|-----------------------|------------------------|-------------------------|-------------------------|--------------------------|---------------------------|---------------------------|
| MOD. | WG 1100SP | WG 1100SP | WG 1300SP | WG 1300SP | WG 1500SP | WG 1650SP | WG 1800SP | WG 1800SP | WG 2000SP |
| A | MM (IN) | 425 (16,7) | 425 (16,7) | 450 (18) | 450 (18) | 530 (21) | 530 (21) | 640 (25) | 640 (25) |
| B | MM (IN) | 610 (24) | 610 (24) | 735 (29) | 735 (29) | 815 (32) | 1030 (41) | 1180 (46) | 1225 (48) |
| C | MM (IN) | 440 (17) | 440 (17) | 495 (19) | 495 (19) | 580 (23) | 590 (23) | 680 (27) | 730 (29) |
| D | MM (IN) | 685 (27) | 685 (27) | 770 (30) | 770 (30) | 830 (33) | 980 (38) | 985 (39) | 1060 (42) |
| E | MM (IN) | 1210 (48) | 1210 (48) | 1430 (56) | 1430 (56) | 1650 (65) | 1650 (65) | 1845 (73) | 2020 (80) |
| | W/O COUPLER | KG (LB) | 100 (221) | 100 (221) | 140 (309) | 140 (309) | 225 (496) | 300 (661) | 440 (970) |
| | MIN. | MM (IN) | 80 (3,1) | 80 (3,1) | 75 (3) | 75 (3) | 95 (3,7) | 100 (3,9) | 120 (4,7) |
| | MAX. | L/MIN (GALL/MIN) | 50 (13) | 50 (13) | 50 (13) | 50 (13) | 50 (13) | 50 (13) | 50 (13) |
| | MAX. | KG (LB) | 1900 (4189) | 1900 (4189) | 2100 (4630) | 2100 (4630) | 3100 (6834) | 4000 (13228) | 6000 (13228) |
| | MAX. | BAR (PSI) | 200 (2901) | 200 (2901) | 200 (2901) | 200 (2901) | 230 (3336) | 250 (3626) | 250 (3626) |



OPTIONAL

1 DOUBLE PIN HITCH (A) OR ADAPTER (B)

2 SINGLE PIN HITCH

3 TWO PIPE KIT

IT ENABLES THEIR ROTATION AND THE JAWS' OPENING AND CLOSING FUNCTIONS EVEN ON MACHINES EQUIPPED WITH A SINGLE HYDRAULIC DOUBLE-EFFECT LINE. CONTROL KIT WITH MAGNETS TO EASILY PUT IT INSIDE THE CAB.

4 BASIC ROTOR

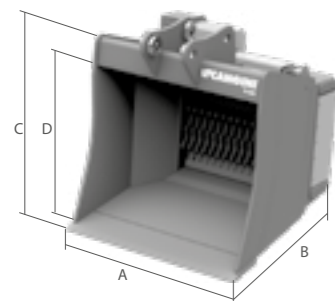
SHAFT ROTOR TO DRIVE THE GRABS.

5 FLANGED ROTOR

FLANGED ROTOR IDEAL FOR HEAVY DUTY JOBS.



IDEAL BOTH FOR THE GRADING OF BULK MATERIALS FROM DEMOLITION OR DIGGING WORKS AND THE MIXING OF TERRAIN AND PEAT. THE SCREENING OPERATION IS CARRIED OUT BY AN HYDRAULIC SIEVE WITH ROTATING HB400 KNIVES. THE MATERIAL THICKNESS CAN VARY FROM 0 TO 20 MM (0 - 0,8 IN) AND TO 35 MM (0 - 1,4 IN) WITH A STANDARD EQUIPMENT. CUSTOMERIZED SHAFTS CAN ALSO BE SUPPLIED.



| TONS (LB) | 3,0 - 5,0 (6614 - 11023) | 5,0 - 7,5 (11023 - 16535) | 7,5 - 10,0 (16535 - 22046) | 10,0 - 14,0 (22046 - 30865) |
|------------------|---------------------------------|---------------------------|----------------------------|-----------------------------|
| MOD. | V400 | V600 | V1000 | V1200 |
| A | MM (IN) 900 (35) | 900 (35) | 1000 (39) | 1200 (47) |
| B | MM (IN) 800 (31) | 940 (37) | 1050 (41) | 1100 (43) |
| C | MM (IN) 660 (26) | 795 (31) | 930 (37) | 1070 (42) |
| D | MM (IN) 570 (23) | 710 (28) | 850 (34) | 990 (39) |
| W/O COUPLER | KG (LB) 240 (529) | 310 (683) | 520 (1146) | 750 (1653) |
| WITH COUPLER | KG (LB) 430 (948) | 600 (1323) | 1000 (2205) | 1410 (3108) |
| SIEVE SIZE | MM (IN) 0/20-0/35 (0/0,8-0/1,4) | 0/20-0/35 (0/0,8-0/1,4) | 0/20-0/35 (0/0,8-0/1,4) | 0/20-0/35 (0/0,8-0/1,4) |
| MIN. - MAX. | L/MIN (GAL/MIN) 40/70 (11/19) | 40/70 (11/19) | 60/90 (16/24) | 80/130 (21/34) |
| NUMBER OF SHAFTS | N. 2 | 3 | 3 | 3 |
| CAPACITY | L (GAL) 125 (33) | 195 (51,5) | 320 (84,5) | 440 (116,2) |

| | V400 | V600 | V1000 | V1200 |
|--------------------|-----------------|-----------------|-----------------|-----------------|
| N. | 4 | 4 | 5 | 6 |
| 4 DC TEETH | DC 3 (KG 2,1) | DC 3 (KG 2,1) | DC 6 (KG 4,0) | DC 6 (KG 4,0) |
| 4 DTE TEETH | DTE 13 (KG 1,7) | DTE 17 (KG 3,0) | DTE 17 (KG 3,0) | DTE 17 (KG 3,0) |



STANDARD

- SAFETY VALVE**
IT PROTECTS THE ENGINE AGAINST THE PRESSURE PEAKS OCCURRING DURING THE WORKING CYCLES.
- SHAFT SYSTEM**
ALL KNIVES ARE MADE OF HB400. DIFFERENT SHAFT CONFIGURATIONS REALIZED UPON REQUEST.
- PATENTED SHAFT REPLACEMENT SYSTEM**
THANKS TO THE PATENTED SYSTEM, IT IS POSSIBLE TO REPLACE SHAFTS RAPIDLY AND MODIFY THE SIEVED MATERIAL SIZE, WITHOUT INTERVENING ON TRANSMISSION.

OPTIONAL

- DC TEETH DTE TEETH**
- FLOW-REVERSAL VALVE KIT**
THIS VALVE ENABLES TO MAKE THE HYDRAULIC FLOW BI-DIRECTIONAL AND USE THE SCREENING BUCKET EVEN WITH MACHINES HAVING A MONO-DIRECTIONAL SYSTEM.
- FLOWRATE REDUCERS**
FLOWRATE REDUCERS. ADVISED FOR MACHINES WITH OILFLOW HIGHER THAN 70 L/MIN.

MULTISCREENING BUCKET



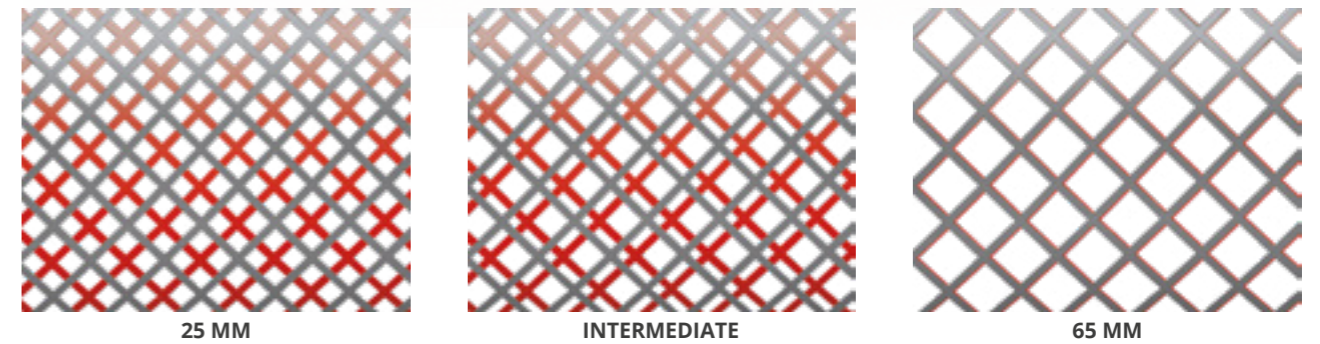
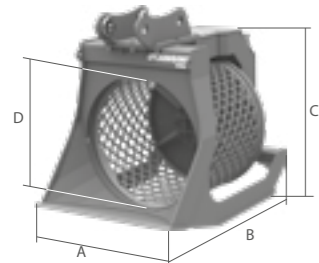
PATENTED

HB400



THE NEW MULTISCREENING BUCKET WITH THE NEW ROTARY DOUBLE DRUM CONCEPT FOR MACHINES UP TO 35 TONS (7716 LB) IS SUITABLE FOR SELECTION DUTIES ON TURNED SOILS AND RESULTING MATERIALS. THE MATERIAL SIZE CHANGE, FROM 25 TO 65 MM, IS CONTROLLED DIRECTLY AND HYDRAULICALLY FROM THE CAB WITHOUT REPLACING ANY MECHANICAL PART THUS REDUCING THE WORK TIMES CONSIDERABLY.

| TONS (LB) | | 5,0 - 7,5 (11023-16535) | | 7,5 - 10,0 (16535-22046) | | 10,0 - 14,0 (22046-30865) | | 14 - 25,0 (30865-5511) | | 25,0 - 35,0 (5511-7716) | |
|-----------|-------------|-------------------------|------------|--------------------------|-------------|---------------------------|--------------|------------------------|--|-------------------------|--|
| MOD. | | VMS7 | | VMS10 | | VMS14 | | VMS20 | | VMS30 | |
| A | MM (IN) | 800 (31) | 900 (35) | 1000 (39) | 1250 (49) | 1800 (71) | | | | | |
| B | MM (IN) | 1200 (47) | 1400 (55) | 1550 (61) | 1800 (71) | 2300 (90) | | | | | |
| C | MM (IN) | 930 (37) | 1000 (39) | 1120 (44) | 1500 (59) | 1950 (77) | | | | | |
| D | MM (IN) | 650 (26) | 760 (30) | 870 (34) | 1124 (44) | 1550 (61) | | | | | |
| | W/O COUPLER | KG (LB) | 372 (820) | 434 (957) | 640 (1411) | 1092 (2407) | 2300 (5071) | | | | |
| | OPERATING | KG (LB) | 570 (1257) | 770 (1698) | 1100 (2425) | 2235 (4927) | 4990 (1101) | | | | |
| | MIN. | MM (IN) | 25 (1) | 25 (1) | 25 (1) | 25 (1) | 25 (1) | | | | |
| | MAX. | MM (IN) | 60 (2,4) | 60 (2,4) | 60 (2,4) | 65 (2,5) | 65 (2,5) | | | | |
| | MIN. | L/MIN (GAL/MIN) | 10 (2,6) | 10 (2,6) | 25 (7) | 30 (7,9) | 30 (7,9) | | | | |
| | MAX. | L/MIN (GAL/MIN) | 80 (21) | 80 (21) | 150 (39) | 150 (39) | 150 (39) | | | | |
| | MAX. | BAR (PSI) | 350 (5076) | 350 (5076) | 350 (5076) | 350 (5076) | 350 (5076) | | | | |
| | | L (GAL) | 180 (47,5) | 290 (76,6) | 420 (110,9) | 980 (259) | 2390 (631,4) | | | | |



STANDARD

1 HB400 DRUMS

THE DRUMS CAN AFFORD HIGH WORK RATES THANKS TO THEIR HIGHLY RESISTANT MATERIAL THAT EXTENDS THEIR USEFUL LIFE.

2 AUTOMATIC SCREENING SYSTEM

THE NEW ROTARY DOUBLE DRUM CONCEPT WITH HYDRAULIC CONTROL FROM THE CAB ALLOWS TO SELECT THE MATERIAL SIZE, FROM 25 TO 60 MM (1 - 2,4 IN) AND UP TO 65 MM (2,5 IN) FOR THE VMS20-VMS30, WITHOUT STOPPING THE WORK CYCLE.

3 OPERATING LOAD

OPTIONAL

4 DC TEETH DTE TEETH

5 6-WAY SOLENOID VALVE KIT

IT ALLOWS BOTH THE ROTATING AND THE HYDRAULIC SLIDING MOVEMENTS OF THE SIEVES ON MACHINES WITH SINGLE AND DOUBLE-EFFECT LINE. CONTROL KIT WITH MAGNETS TO EASILY PUT IT INSIDE THE CAB.

| | VMS7 | VMS10 | VMS14 | VMS20 | VMS30 | |
|----------|-----------------|-----------------|-----------------|-----------------|-----------------|---|
| | N. | 4 | 4 | 5 | 5 | 6 |
| 4 | DC 3 (KG 2,1) | DC 6 (KG 4,0) | DC 6 (KG 4,0) | DC 11 (KG 7,7) | DC 13 (KG 13,0) | |
| 4 | DTE 17 (KG 3,0) | DTE 17 (KG 3,0) | DTE 17 (KG 3,0) | DTE 19 (KG 6,0) | DTE 23 (KG 7,5) | |

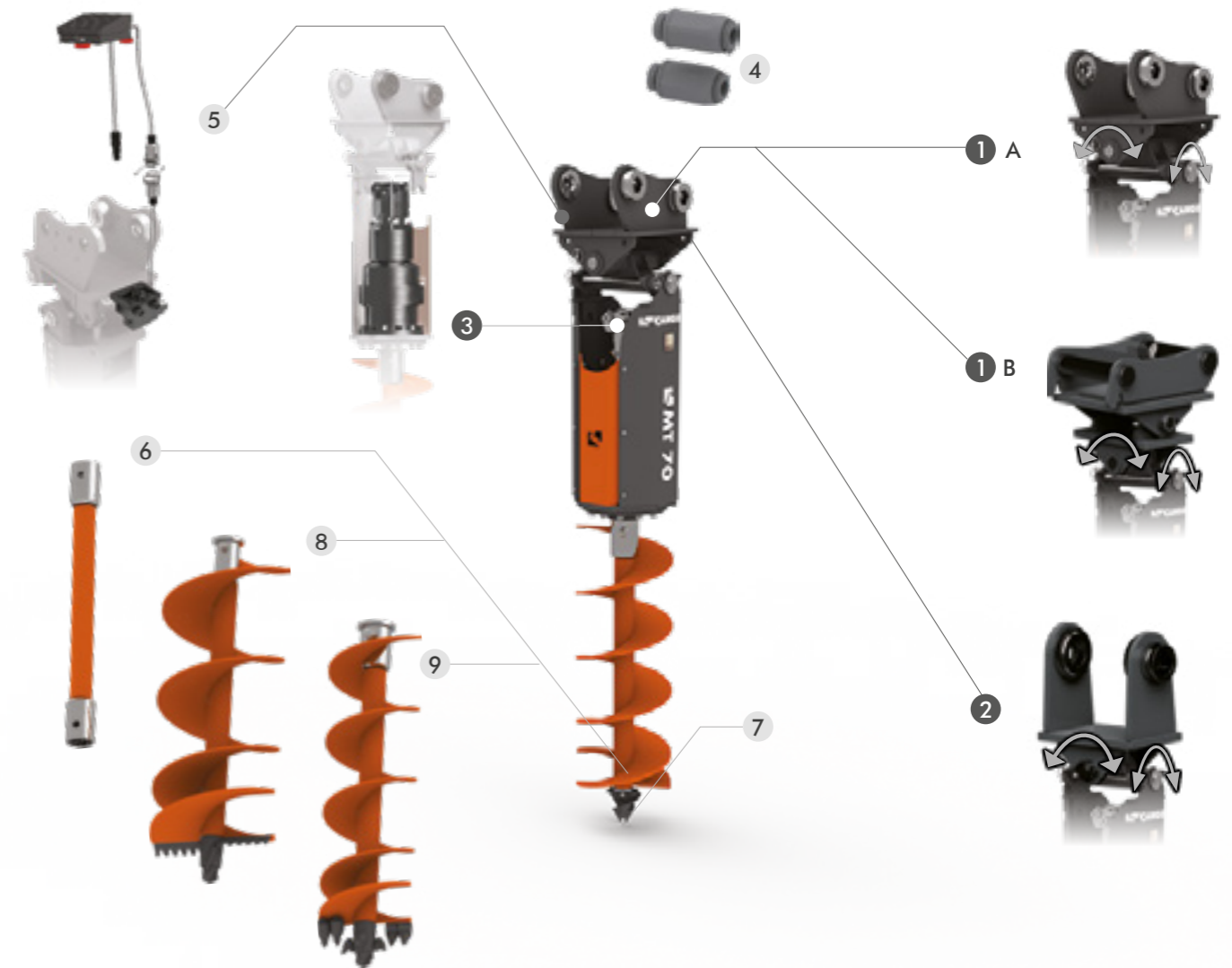


THE BIDIRECTIONAL HYDRAULIC AUGER IS EQUIPPED WITH A TRANSMISSION WITH EPICYCLICAL GEARBOX AND DOUBLE TILTING JOINT. A STEEL ENVELOPE PROTECTS THE GEARBOX AGAINST SHOCKS.

| | | | | | | | | | |
|-------------|-----------------|--------------------------|--------------|--------------------------|---------------|---------------------------|--|-----------------------------|--|
| | TONS | 1,2 - 1,8 (2646-3968) | | 1,8 - 4,0 (3968-8818) | | 4,0 - 7,5 (8818-16535) | | 7,5 - 14,0 (16535-30865) | |
| | MOD. | MT15 | | MT20 | | MT45 | | MT70 | |
| A | MM (IN) | 270 (11) | 300 (12) | 300 (12) | 370 (15) | | | | |
| B | MM (IN) | 500 (20) | 620 (24) | 730 (29) | 950 (37) | | | | |
| HEX KEY | MM (IN) | 50 (1,9) | 50 (1,9) | 50 (1,9) | 70 (2,7) | | | | |
| W/O COUPLER | KG (LB) | 75 (165) | 130 (287) | 160 (353) | 250 (551) | | | | |
| MIN-MAX | L/MIN (GAL/MIN) | 25/35 (7/9) | 30/60 (8/16) | 50/75 (13/20) | 60/90 (16/24) | | | | |
| MAX | BAR (PSI) | 175 (2901) | 200 (3263) | 200 (4351) | 250 (4351) | | | | |
| MAX TORQUE | N/M (FT/LBS) | 1600 (1328) | 2200 (1623) | 6000 (5900) | 10.000 (7376) | | | | |

| | | | | | | | | | | | | | | | | |
|-------------|-----------|-----------|----------|----------|----------|----------|----------|----------|-----------|-----------|----------|----------|----------|----------|----------|----------|
| HEX MM (IN) | 50 (1,9) | | | | | | | | 70 (2,7) | | | | | | | |
| Ø MM (IN) | 150 (5,9) | 200 (7,9) | 250 (10) | 300 (12) | 350 (14) | 400 (16) | 500 (20) | 600 (24) | 150 (5,9) | 200 (7,9) | 250 (10) | 300 (12) | 350 (14) | 400 (16) | 500 (20) | 600 (24) |

- STANDARD BIT
- MEDIUM BIT
- ROCK BIT



STANDARD TECHNICAL FEATURES

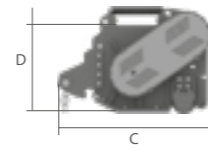
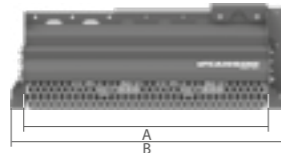
- 1 DOUBLE PIN HITCH (A) OR ADAPTER (B)**
- 2 SINGLE PIN HITCH**
- 3 EPICYCLICAL GEARBOX**
HIGH PERFORMANCES ALSO ON MACHINES WITH LOW HYDRAULIC FLOWRATES.

OPTIONAL

- 4 FLOWRATE REDUCERS**
ADVISED FOR MACHINES WITH OILFLOW HIGHER THAN 70 L/MIN.
- 5 FLOW-REVERSAL VALVE KIT**
IT MAKES THE HYDRAULIC FLOW BI-DIRECTIONAL FOR THE AUGER'S USAGE ON MACHINES WITH A MONO-DIRECTIONAL SYSTEM.
- 6 EXTENSION**
IT ALLOWS TO INCREASE THE DRILLING DEPTH. EXTENSION SIZE OF 1000 MM (39 IN) DIFFERENT SIZES ARE PRODUCED ON REQUEST.
- 7 STANDARD BIT**
USED TO DRILL LOW OR MEDIUM- CONSISTENCY SOILS.
- 8 MEDIUM BIT**
USED TO DRILL MEDIUM OR HIGH-CONSISTENCY SOILS.
- 9 ROCK BIT**
THE IDEAL BIT TO DRILL SOILS WITH ROCKS OR CRUSHED STONES

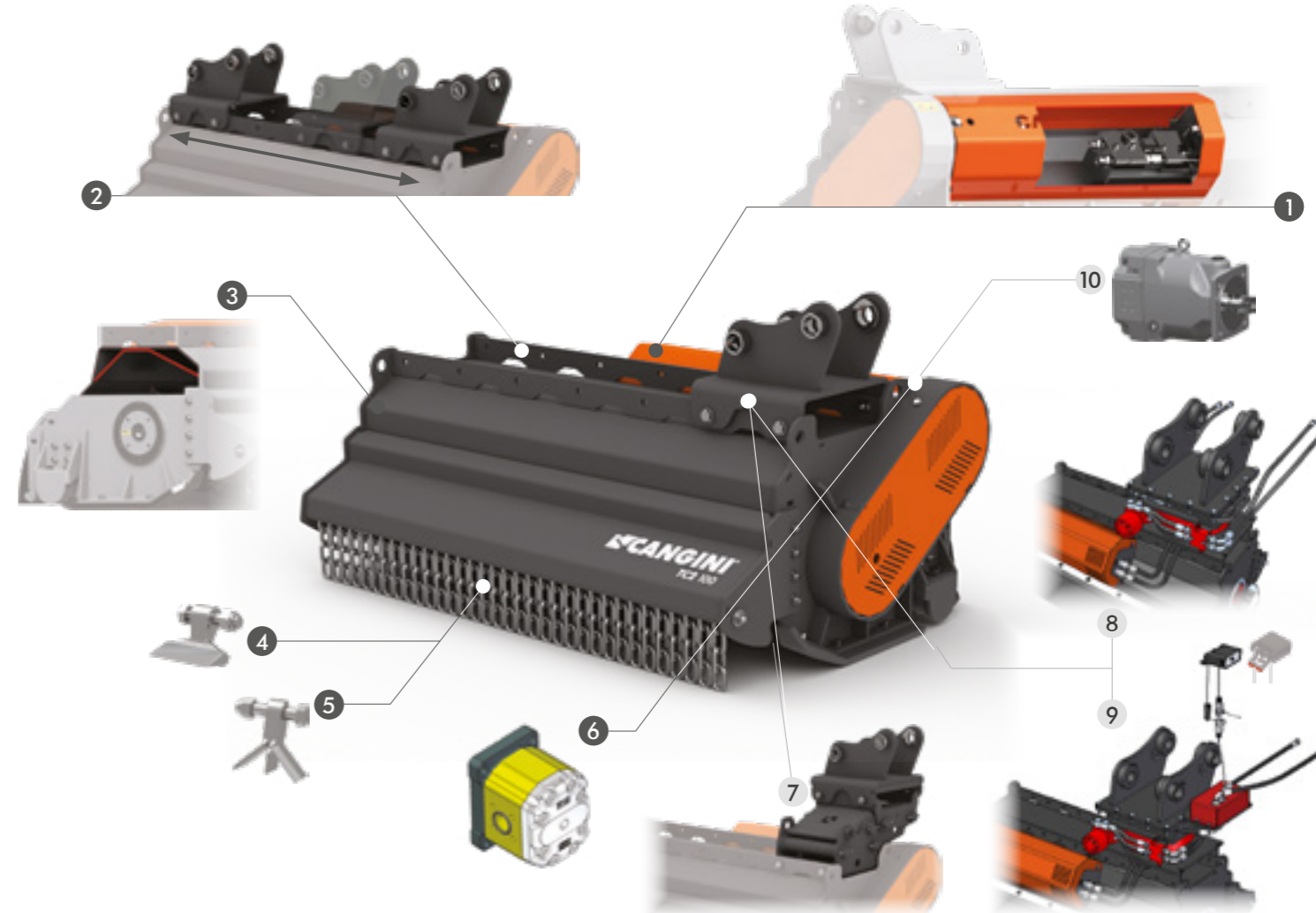


DESIGNED FOR HEAVY-DUTY OPERATIONS, IT IS EQUIPPED WITH A REINFORCED DOUBLE-FRAME; AN ANTI-SHOCK SHIELDING PROTECTS THE BEARINGS. STANDARD Y BLADES WITH INTERMEDIATE KNIFE OR HAMMERS. FLOW-DIVIDER, PRESSURE RELIEF AND BYPASS VALVES (FOR TC0-50 AND TC0-70 ONLY PRESSURE RELIEF VALVE). MAX BACK-PRESSURE ALLOWED IS 10 BAR, THEREFORE TC MULCHERS DO NOT REQUIRE ANY DRAINAGE LINE IN MOST OF THE CASES.



| TONS (LB) | 1,0 - 1,5 (2204 - 3307) | | 1,5 - 3,5 (3307 - 7716) | | | 3,5 - 6,5 (7716 - 14330) | | | 6,5 - 10,0 (14330 - 22046) | | 10,0 - 15,0 (22046 - 33069) | | | |
|------------------|-------------------------|-------------------|-------------------------|-------------------|-------------------|--------------------------|-------------------|-------------------|----------------------------|-------------------|-----------------------------|--------------------|--------------------|--------------------|
| MOD. | TC0-50 | TC0-70 | TC1-60 | TC1-80 | TC1-100 | TC2-80 | TC2-100 | TC2-120 | TC3-110 | TC3-130 | TC4-110 | TC4-130 | TC4-150 | |
| A | MM (IN) | 500 (20) | 700 (28) | 600 (24) | 800 (31) | 1000 (39) | 800 (31) | 1000 (39) | 1200 (47) | 1100 (43) | 1300 (51) | 1100 (43) | 1300 (51) | 1500 (59) |
| B | MM (IN) | 715 (28) | 915 (36) | 800 (31) | 1000 (39) | 1200 (47) | 980 (39) | 1180 (46) | 1380 (54) | 1280 (50) | 1480 (58) | 1300 (51) | 1600 (63) | 1800 (71) |
| C | MM (IN) | 516 (20) | 516 (20) | 640 (25) | 640 (25) | 640 (25) | 810 (32) | 810 (32) | 810 (32) | 830 (33) | 830 (33) | 855 (34) | 855 (34) | 855 (34) |
| D | MM (IN) | 417 (17) | 417 (17) | 461 (18) | 461 (18) | 461 (18) | 530 (21) | 530 (21) | 530 (21) | 575 (23) | 575 (23) | 620 (24) | 620 (24) | 620 (24) |
| W/O COUPLER | KG (LB) | 70 (154) | 83 (183) | 100 (220) | 115 (254) | 125 (276) | 245 (540) | 270 (595) | 300 (661) | 375 (827) | 412 (908) | 455 (1003) | 505 (1113) | 540 (1190) |
| | | DIRECT | DIRECT | DIRECT | DIRECT | DIRECT | 2 | 2 | 2 | 2 | 2 | 3 | 3 | 3 |
| | MM (IN) | 55 (2,2) | 55 (2,2) | 80 (3,1) | 80 (3,1) | 80 (3,1) | 114 (4,5) | 114 (4,5) | 114 (4,5) | 133 (5,2) | 133 (5,2) | 133 (5,2) | 133 (5,2) | 133 (5,2) |
| MIN. | L/MLIN (G/MLIN) | 14 (0) | 14 (0) | 18 (5) | 18 (5) | 18 (5) | 28 (7) | 28 (7) | 28 (7) | 55 (15) | 55 (15) | 65 (17) | 65 (17) | 65 (17) |
| MAX | L/MLIN (G/MLIN) | (0) | (0) | 90 (24) | 90 (24) | 90 (24) | 90 (24) | 90 (24) | 90 (24) | 150 (40) | 150 (40) | 150 (40) | 150 (40) | 150 (40) |
| MAX | BAR (PSI) | * | * | 250 (3626) | 250 (3626) | 250 (3626) | 250 (3626) | 250 (3626) | 250 (3626) | 280 (4061) | 280 (4061) | 280 (4061) | 280 (4061) | 280 (4061) |
| MAX WITH HAMMERS | MM (IN) | 15-20 (0,6 - 0,8) | 15-20 (0,6 - 0,8) | 20-30 (0,8 - 1,2) | 20-30 (0,8 - 1,2) | 20-30 (0,8 - 1,2) | 40-60 (1,6 - 2,4) | 40-60 (1,6 - 2,4) | 40-60 (1,6 - 2,4) | 60-80 (2,4 - 3,1) | 60-80 (2,4 - 3,1) | 80-100 (3,1 - 3,9) | 80-100 (3,1 - 3,9) | 80-100 (3,1 - 3,9) |

* Following the engine capacity



STANDARD TECHNICAL FEATURES

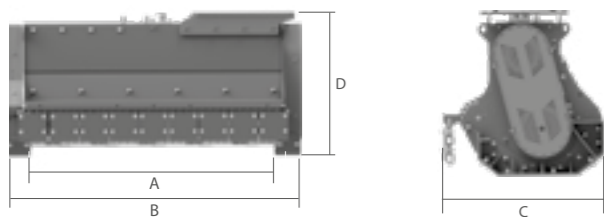
- 1 INTEGRATED VALVE UNIT**
THROTTLE, PRESSURE RELIEF AND BYPASS VALVES.
- 2 COUPLING ADJUSTMENT SLIDE**
THE COUPLING POSITION CAN BE DIFFERENTLY ADJUSTED.
- 3 REINFORCED BODY**
DOUBLE REINFORCED BODY FOR A HIGHER RESISTANCE TO SHOCKS.
- 4 SHAFT WITH HAMMERS**
SUITABLE FOR THE CUTTING OF SHRUBS OR SIMILAR PLANTS.
- 5 SHAFT WITH BLADES**
SUITABLE FOR THE CUTTING OF GRASS OR SIMILAR VEGETATION.
- 6 GEAR MOTOR**
MOTOR WITH REINFORCED SEAL. IN CASE OF BACKPRESSURE HIGHER THAN 10 BAR, DRAINAGE LINE LINKED TO THE TANK IS MANDATORY.

OPTIONAL

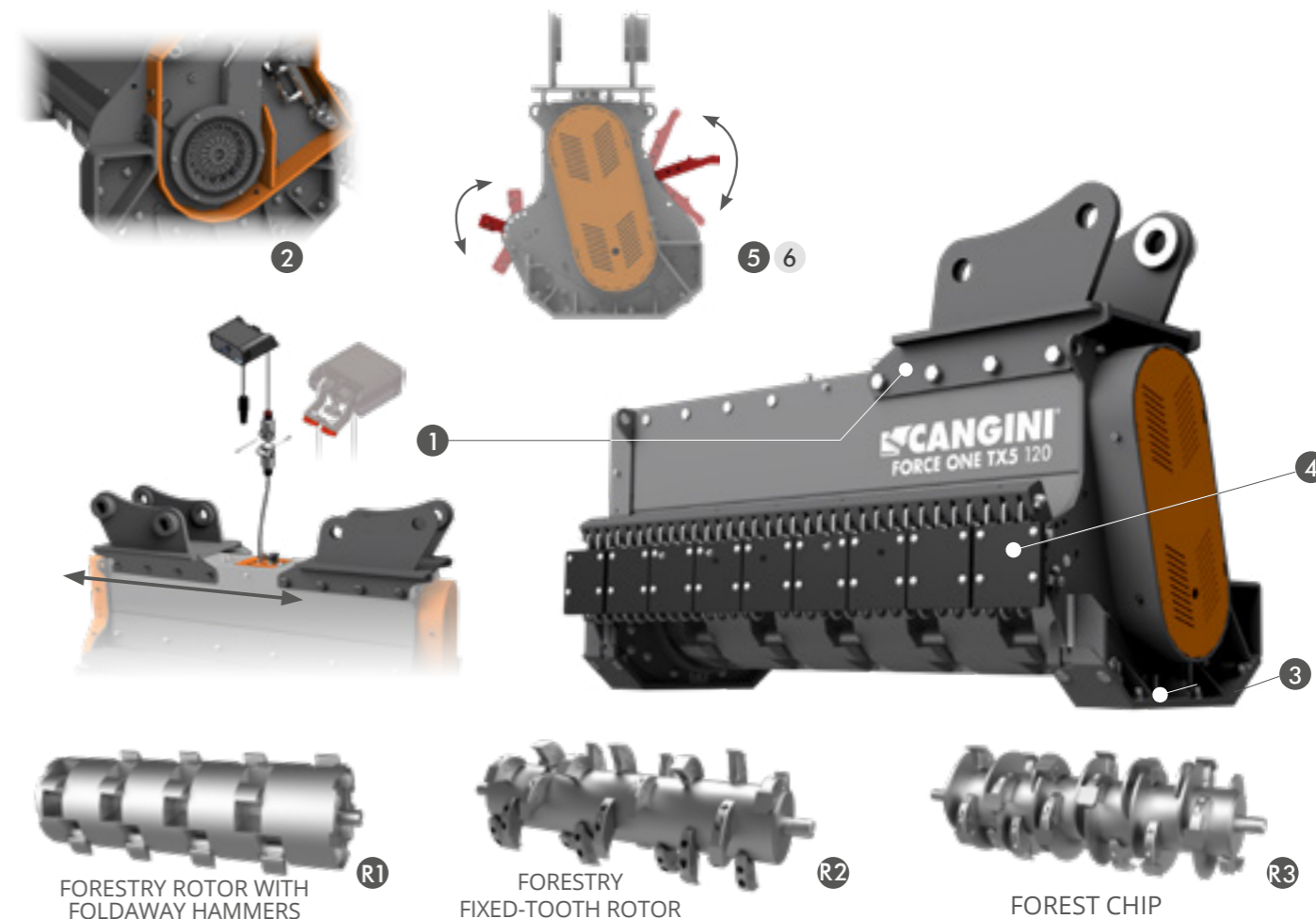
- 7 FLOATING SYSTEM**
IT ENABLES THE MULCHER TO FOLLOW THE SOIL.
- 8 4 PIPES HYDRAULIC SLEWING RING**
IT STEERS THE MULCHER TO ADAPT TO ANY CUTTING NEED AND ALLOWS IT TO CUT IN BOTH DIRECTIONS, FORWARDS AND BACKWARDS.
- 9 2 PIPES HYDRAULIC SLEWING RING**
IT STEERS THE MULCHER TO ADAPT TO ANY CUTTING NEED AND ALLOWS IT TO CUT IN BOTH DIRECTIONS, FORWARDS AND BACKWARDS. CONTROL KIT WITH MAGNETS TO EASILY PUT IT INSIDE THE CAB.
- 10 PISTON ENGINE**
FIT FOR PARTICULARLY HARD AND CONTINUOUS WORKS. IT NEEDS THE DIRECT DRAINING PIPE TO THE TANK.



THE FORESTRY MULCHER HAS BEEN DESIGNED TO MANAGE THE HEAVIEST WORKLOADS: THE DEEP CLEARING OF WOODS AND FORESTS. IT IS EQUIPPED WITH A PISTON ENGINE TO RUN AT THE MOST INTENSE WORK PACE. THE EXCAVATOR-TYPE MULCHER CAN REACH THE NARROWEST AREAS.



| Tons (LB) | | 8,0 - 15,0 (17637-33069,3) | | 14,0 - 20,0 (30864,7-44092,5) | | | |
|-----------|-------------|----------------------------|---------------------|-------------------------------|---------------------|---------------------|---------------------|
| MOD. | | TX5-100 | TX5-120 | TX6-110 | TX6-130 | TX6-150 | |
| A | MM (IN) | 1015 (39,96) | 1280 (50,39) | 1150 (45,27) | 1350 (53,14) | 1550 (61,02) | |
| B | MM (IN) | 1300 (51,18) | 1540 (60,62) | 1430 (56,29) | 1630 (64,17) | 1830 (72,04) | |
| C | MM (IN) | 720 (28,34) | 720 (28,34) | 830 (32,67) | 830 (32,67) | 830 (32,67) | |
| D | MM (IN) | 740 (29,13) | 740 (29,13) | 840 (33,07) | 840 (33,07) | 840 (33,07) | |
| R1 | W/O COUPLER | KG (LB) | 570 (1256,63) | 635 (1399,93) | 730 (1609,37) | 800 (1763,7) | 900 (1984,16) |
| R2 | W/O COUPLER | KG (LB) | 535 (1179,47) | 600 (1322,77) | 700 (1543,24) | 760 (1675,51) | 840 (1851,88) |
| R3 | W/O COUPLER | KG (LB) | 550 (1212,54) | 610 (1344,82) | 715 (1576,30) | 775 (1708,58) | 870 (1918,02) |
| | | N. | 3 | 3 | 4 | 4 | 4 |
| | MAX. | MM (IN) | 100-120 (3,93-4,72) | 100-120 (3,93-4,72) | 140-160 (5,51-6,29) | 140-160 (5,51-6,29) | 140-160 (5,51-6,29) |



STANDARD TECHNICAL FEATURES

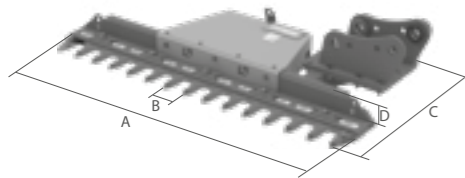
- 1 MECHANICAL COUPLING ADJUSTMENT**
POSITIONING ON BOTH THE HEAD'S ENDS, TO ADJUST THE POSITION OF THE MULCHER ACCORDING TO THE DIRECTION OF WORK AND THE ROADWAY. CONTROL KIT WITH MAGNETS TO EASILY PUT IT INSIDE THE CAB.
- 2 AUTOMATIC COOLING SYSTEM**
THE FORCED AIRFLOW HELPS TO KEEP THE OIL TEMPERATURE CONSTANT.
- 3 HB400 REINFORCED SKIDS**
- 4 PROTECTION FLAPS**
MADE OF RUBBER, THEY REDUCE THE ACCIDENTAL OBJECTS' PROJECTION OUT OF THE CUTTING AREA.
- 5 MECHANICAL FLAPS OPENING**
IT ENHANCES THE ROTOR POWER TO DEEPLY CRUSH TRUNKS UP TO 220 MM.
- R1 FORESTRY ROTOR WITH FOLDAWAY HAMMERS**
THIS FORESTRY ROTOR IS SUITED TO THE CUTTING OF SHRUBS, BUSHES AND BRIARS WITH DIAMETERS UP TO 220 MM.
- R2 FORESTRY FIXED-TOOTH ROTOR**
DESIGNED FOR HEAVY-DUTY WORKS, IT SPECIALLY FITS THE PLANT MULCHING.
- R3 ROTOR FOR FOREST CHIPS**
THIS ROTOR IS SUITABLE FOR THE GRINDING OF TRUNKS WITH DIAMETERS UP TO 220 MM.

OPTIONAL

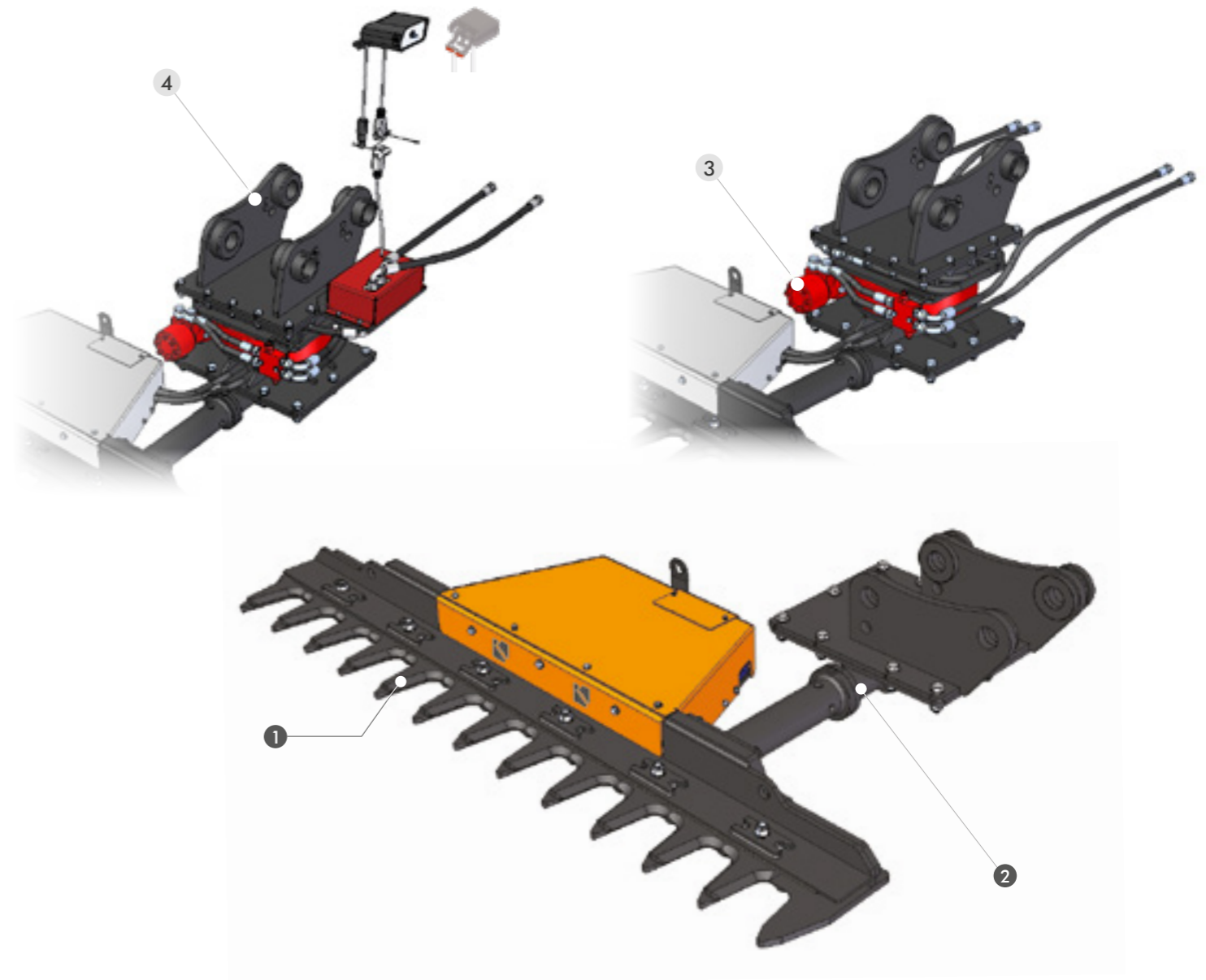
- 6 HYDRAULIC FLAPS OPENING**
IT ALLOWS THE OPENING OF THE SINGLE FLAP DIRECTLY FROM THE CAB (THANKS TO A CONTROL KIT WITH MAGNETS TO EASILY PUT IT INSIDE THE CAB) TO ENHANCE THE ROTOR POWER TO DEEPLY CRUSH TRUNKS UP TO 220 MM.



SUITABLE FOR THE TREE PRUNING UP TO 100 MM (3,9 IN). IT DOES NOT HARM THE PLANT, BECAUSE IT CUTS SHARPLY AND PRECISELY WITHOUT UPROOTING THE BRANCH. THE BAR'S BLADES IN HB450 GRANT RESISTANCE AND EXTENDED USEFUL LIFE.



| TONS (LB) | 2,5 - 12,0 (5512 - 26455) | | 4,0 - 14,0 (8818 - 30865) | | | |
|------------------|------------------------------|------------|------------------------------|-------------|-------------|-------------|
| | MOD. | BTC 50-150 | BTC 50-180 | BTC 100-160 | BTC 100-190 | BTC 100-220 |
| A | MM (IN) | 1500 (59) | 1800 (71) | 1600 (63) | 1900 (75) | 2200 (86,6) |
| B | MM (IN) | 50 (2) | 50 (2) | 100 (3,9) | 100 (3,9) | 100 (3,9) |
| C | MM (IN) | 670 (26,4) | 670 (26,4) | 810 (31,8) | 810 (31,8) | 810 (31,8) |
| D | MM (IN) | 130 (5,1) | 130 (5,1) | 155 (6,6) | 155 (6,6) | 155 (6,6) |
| W/O COUPLER | KG (LB) | 175 (386) | 190 (419) | 240 (530) | 260 (574) | 285 (629) |
| MAX. | BAR (PSI) | 250 (3626) | 250 (3626) | 250 (3626) | 250 (3626) | 250 (3626) |
| MIN. | L/MIN (GAL/MIN) | 40 (11) | 40 (11) | 50 (11) | 50 (11) | 50 (11) |
| MAX. | L/MIN (GAL/MIN) | 50 (13,2) | 50 (13,2) | 60 (15,8) | 60 (15,8) | 60 (15,8) |
| BLOWS PER MINUTE | N. | 195 | 195 | 86 | 86 | 86 |



STANDARD TECHNICAL FEATURES

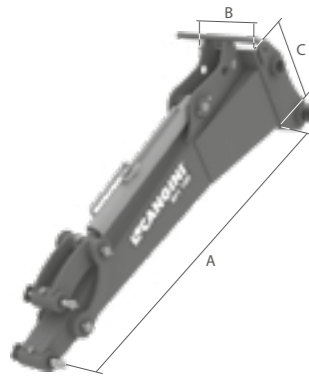
- 1 HB450 BLADE**
HB450 BLADES FOR A HIGHER RESISTANCE TO WEAR.
- 2 REVOLVING JOINT**
THE TOOTHED FLANGE NEXT TO COUPLING AREA ALLOWS TO SETTLE THE TILTING DEGREE ACCORDING TO THE CUSTOMER'S NEED.

OPTIONAL

- 3 HYDRAULIC SLEWING RING 360° WITH 4 PIPES HYDRAULIC JOINT**
IT ORIENTS THE BRANCH-CUTTER BAR FOR DIFFERENT NEEDS AND IT ALLOWS TO CUT IN BOTH DIRECTIONS.
- 4 HYDRAULIC SLEWING RING 360° WITH 2 PIPES HYDRAULIC JOINT**
IT ORIENTS THE BRANCH-CUTTER BAR FOR DIFFERENT NEEDS AND IT ALLOWS TO CUT IN BOTH DIRECTIONS. CONTROL KIT WITH MAGNETS TO EASILY PUT IT INSIDE THE CAB.



PARTICULARLY SUITED TO OPERATIONS IN AREAS WHERE THE MACHINE'S STANDARD RANGE OF ACTION IS NOT SUFFICIENT. THE EXTENSION ARM IS SUPPLIED AS A "PARTLY COMPLETED MACHINERY" CERTIFICATION IN ACCORDANCE WITH THE ANNEX II-B OF THE 2006/42/EC MACHINERY DIRECTIVES. ITS EC COMPLIANCE WILL BE DECLARED AFTER IT HAS BEEN ATTACHED TO THE MACHINE AND BEFORE ITS REGULAR USE.

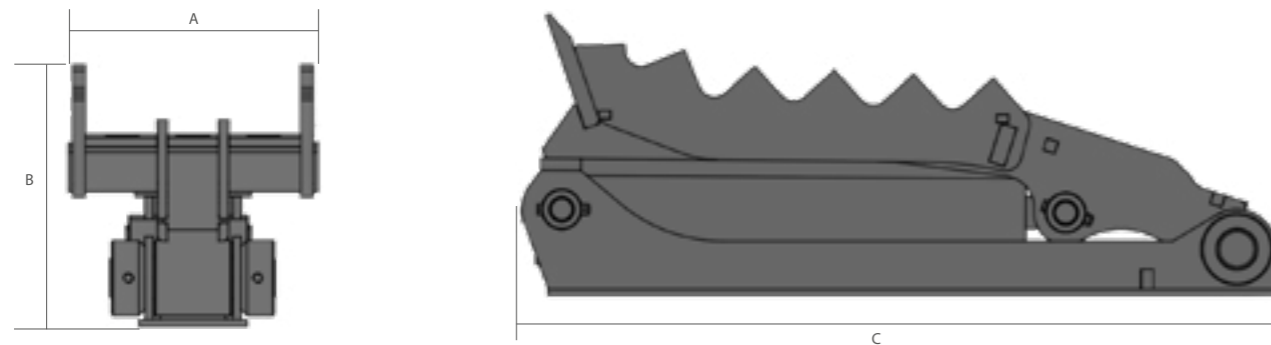


| TONS (LB) | 2,0 - 4,0 (4409-8818) | | 4,0 - 7,5 (8818-16535) | | 7,5 - 10,0 (16535-22046) | | 10,0 - 12,0 (22046-26455) | | 12,0 - 14,0 (26455-30865) | | 12,0 - 14,0 (26455-30865) | |
|----------------------------|--------------------------|------------|---------------------------|------------|-----------------------------|------------|------------------------------|------------|------------------------------|--|------------------------------|--|
| MOD. | BP1-100 | BP1-120 | BP2-150 | BP2-180 | BP3-190 | BP3-220 | BP3-250 | BP3-275 | | | | |
| A MM (IN) | 1000 (39) | 1200 (47) | 1500 (59) | 1800 (71) | 1900 (75) | 2200 (87) | 2500 (98) | 2750 (108) | | | | |
| B MM (IN) | 250 (10) | 250 (10) | 350 (14) | 350 (14) | 650 (26) | 650 (26) | 650 (26) | 650 (26) | | | | |
| C MM (IN) | 300 (12) | 300 (12) | 470 (19) | 470 (19) | 670 (26) | 670 (26) | 670 (26) | 670 (26) | | | | |
| W/O COUPLER KG (LB) | 75 (165) | 85 (187) | 185 (408) | 210 (463) | 430 (948) | 460 (1014) | 495 (1091) | 525 (1157) | | | | |
| MAX BAR (PSI) | 200 (2901) | 200 (2901) | 200 (2901) | 200 (2901) | 200 (2901) | 300 (4351) | 300 (4351) | 300 (4301) | | | | |

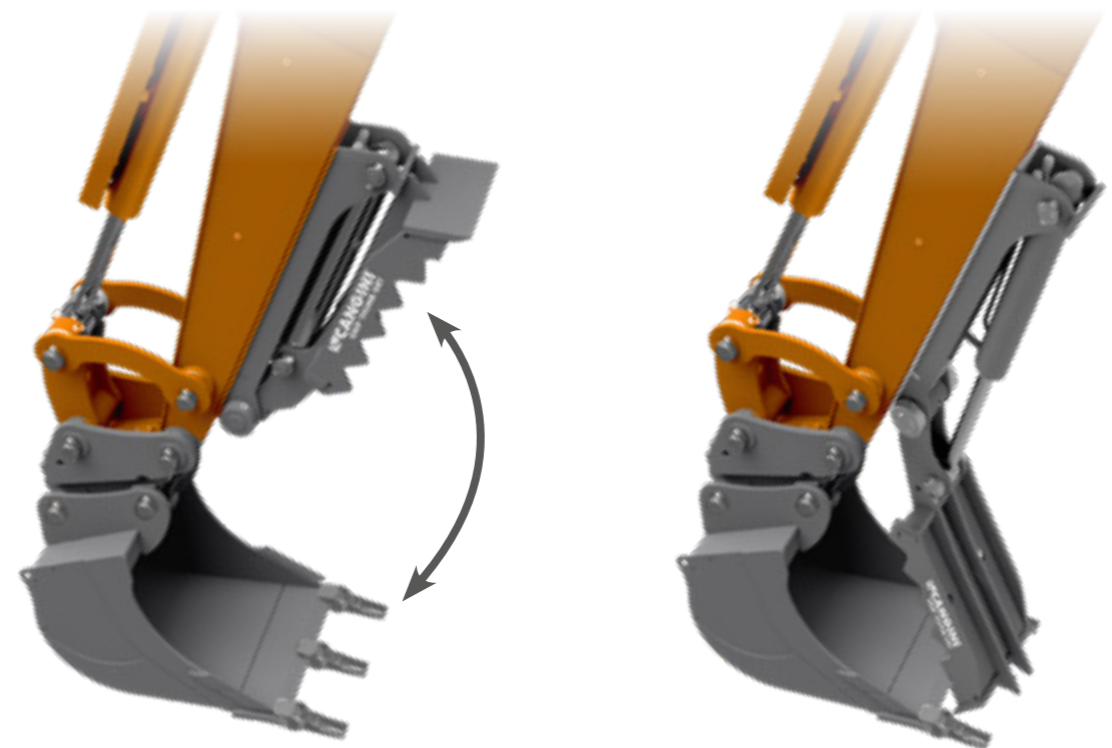




APPLIED TO THE ARM OF THE EXCAVATOR, THE GRT CANGINI EXCAVATOR THUMB FACILITATES THE GRIP OF THE ROCKY MATERIAL, TRUNKS AND MUCH MORE LIKE A GRAPPLE. ONCE IT HAS BEEN FOLDED, IT ALLOWS THE NORMAL ACTIVITY OF THE BUCKET SIMPLIFYING THE OPERATOR IN HIS JOB.



| | TONS (LB) | 1,8 - 2,5 (3968,32-5511,56) | 2,5 - 4,0 (5511,56-8818,49) | 4,0 - 7,5 (8818,49 16534,7) | 7,5 - 10,0 (16534,7-22046,2) | 10,0 - 14,0 (22046,2-30864,7) | 14,0 - 18,0 (30864,7-39683,2) |
|----------|---------------|-----------------------------|-----------------------------|-----------------------------|------------------------------|-------------------------------|-------------------------------|
| | MOD. | GRT 20 | GRT 25 | GRT 30 | GRT 40 | GRT 45 | GRT 50 |
| A | MM (IN) | 200 (7,8) | 250 (9,8) | 300 (11,8) | 400 (15,7) | 450 (7,87) | 500 (17,7) |
| B | MM (IN) | 300 (11,8) | 330 (12,9) | 355 (13,9) | 370 (14,5) | 380 (14,9) | 400 (15,7) |
| C | MM (IN) | 850 (33,4) | 950 (37,4) | 950 (37,4) | 950 (37,4) | 1100 (43,30) | 1200 (47,24) |
| | KG (LB) | 55 (121,5) | 75 (165,3) | 95 (209,4) | 120 (264,5) | 140 (308,6) | 180 (396,8) |
| | MAX BAR (PSI) | 200 (2900,7) | 200 (2900,7) | 250 (3625,9) | 250 (3625,9) | 250 (3625,9) | 300 (4351,1) |



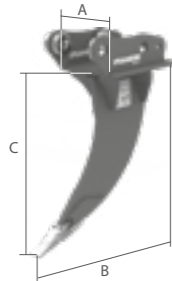
SINGLE-FORCE RIPPER & MULTI-FORCE RIPPER



HB400

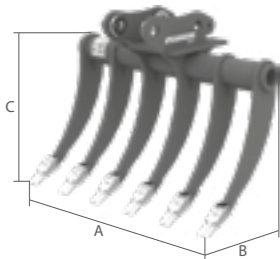


SINGLE-FORCE RIPPER IS MANUFACTURED ENTIRELY IN HB400. SUITABLE FOR SOIL TILTING, DIGGING, ROOT AND STONE GRUBBING WORKS.



| TONS | 0,6 - 2,5 (1323 - 5512) | | 2,5 - 4,0 (5512 - 8818) | | 4,0 - 7,5 (8818 - 16535) | | 7,5 - 14,0 (16535 - 30865) | |
|------------------|----------------------------|------------------|----------------------------|------------------|-----------------------------|--|-------------------------------|--|
| MOD. | RCB45 | | RCB53 | | RCB67 | | RCB80 | |
| A MM (IN) | 250 (10) | 265 (10) | 295 (12) | 330 (13) | | | | |
| B MM (IN) | 490 (19) | 545 (21) | 665 (26) | 755 (30) | | | | |
| C MM (IN) | 450 (18) | 525 (21) | 665 (26) | 810 (32) | | | | |
| W/O COUPLER | KG (LB) | 27 (60) | 36 (79) | 63 (139) | 105 (231) | | | |
| DC TEETH | DC 3 KG 2,1 | DC 6 KG 4,0 | DC 8 KG 5,4 | DC 11 KG 7,7 | | | | |
| DTE TEETH | DTE 13 KG 1,7 | DTE 17 KG 3,0 | DTE 17 KG 3,0 | DTE 19 KG 6,0 | | | | |

MULTI-FORCE RIPPER IS PARTICULARLY SUITABLE FOR SOIL TILLING AND ROOT OR STONE GRABBING WORKS. ENTIRELY REALIZED IN HB400.



| TONS | 1,2 - 2,5 (2646 - 5512) | | 2,5 - 4,0 (5512 - 8818) | | 4,0 - 7,5 (8818 - 16535) | | 7,5 - 14,0 (16535 - 30865) | |
|------------------|----------------------------|--------------------|----------------------------|--------------------|-----------------------------|--------------------|-------------------------------|--------------------|
| MOD. | RN30 | RN30 | RN40 | RN40 | RN50 | RN50 | RN70 | RN70 |
| A MM (IN) | 400 (16) | 600 (24) | 500 (20) | 800 (31) | 600 (24) | 1000 (39) | 800 (31) | 1200 (47) |
| B MM (IN) | 265 (10) | 265 (10) | 355 (14) | 355 (14) | 445 (18) | 445 (18) | 625 (25) | 625 (25) |
| C MM (IN) | 300 (12) | 300 (12) | 400 (16) | 400 (16) | 500 (20) | 500 (20) | 700 (28) | 700 (28) |
| KG (LB) | 60 (132) | 65 (143) | 75 (165) | 85 (187) | 95 (209) | 105 (231) | 150 (331) | 180 (397) |
| N. | 3 | 4 | 3 | 4 | 4 | 5 | 5 | 6 |
| DC TEETH | DC 1 (KG 1,4) | DC 1 (KG 1,4) | DC 1 (KG 1,4) | DC 1 (KG 1,4) | DC 3 (KG 2,1) | DC 3 (KG 2,1) | DC 6 (KG 4,0) | DC 6 (KG 4,0) |
| DTE TEETH | DTE 13 (KG 1,7) | DTE 13 (KG 1,7) | DTE 13 (KG 1,7) | DTE 13 (KG 1,7) | DTE 17 (KG 3,0) | DTE 17 (KG 3,0) | DTE 17 (KG 3,0) | DTE 17 (KG 3,0) |

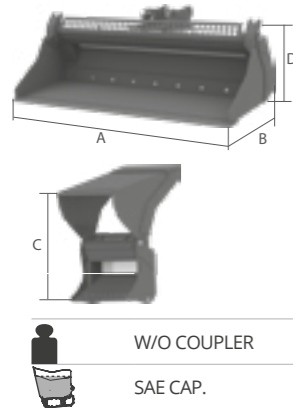


STANDARD TECHNICAL FEATURES

- 1 DC TEETH DTE TEETH

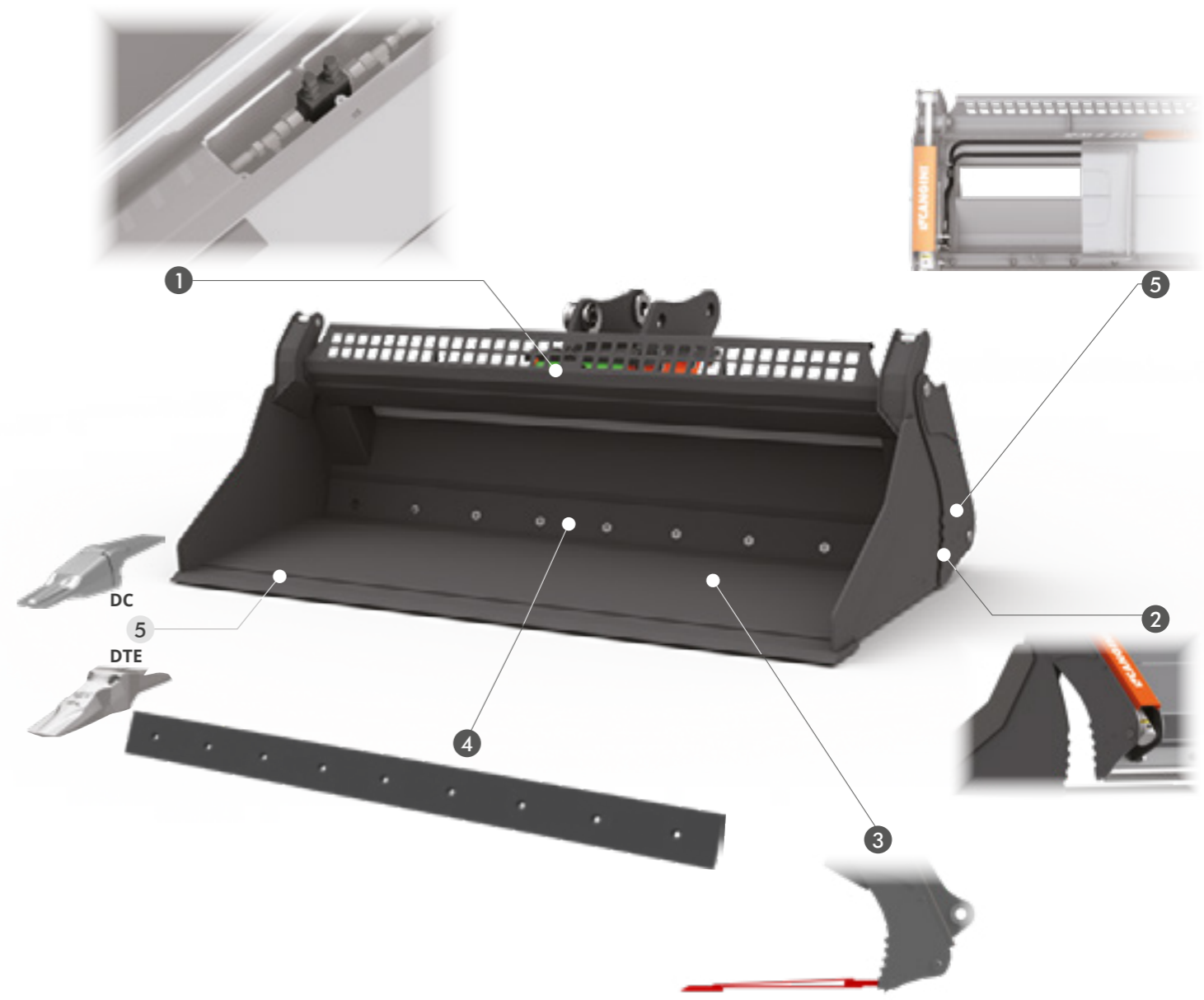


SUITABLE FOR LOADING, UNLOADING AND HANDLING OPERATIONS. THANKS TO ITS HYDRAULIC OPENING IT IS SUITABLE ALSO FOR VARIOUS MATERIAL GRABBING, WASTE DISCHARGE CONTROL AND GROUND LEVELLING.



| | MOD. | M4-102 | M4-110 | M4-125 | M4-140 | M4-152 | M4-170 | M4-188 | M4-200 | M4-215 | |
|----------|-------------|-----------|-----------|------------|------------|------------|-------------|-------------|-------------|-------------|-------------|
| A | MM (IN) | 1020 (40) | 1100 (43) | 1250 (49) | 1400 (55) | 1520 (60) | 1700 (67) | 1880 (74) | 2000 (79) | 2150 (85) | |
| B | MM (IN) | 850 (33) | 850 (33) | 850 (33) | 850 (33) | 850 (33) | 950 (37) | 950 (37) | 950 (37) | 950 (37) | |
| C | MM (IN) | 500 (20) | 500 (20) | 500 (20) | 500 (20) | 500 (20) | 550 (22) | 550 (22) | 550 (22) | 550 (22) | |
| D | MM (IN) | 650 (26) | 650 (26) | 650 (26) | 650 (26) | 650 (26) | 700 (28) | 700 (28) | 700 (28) | 700 (28) | |
| | W/O COUPLER | KG (LB) | 240 (529) | 250 (551) | 265 (584) | 285 (628) | 300 (661) | 370 (816) | 390 (860) | 410 (904) | 440 (970) |
| | SAE CAP. | L (GAL) | 265 (70) | 290 (76,6) | 330 (87,2) | 375 (99,1) | 410 (108,3) | 490 (129,4) | 550 (145,3) | 580 (153,2) | 630 (166,4) |

| | | M4-102 | M4-110 | M4-125 | M4-140 | M4-152 | M4-170 | M4-188 | M4-200 | M4-215 |
|----------|-----------|-----------------|-----------------|-----------------|-----------------|-----------------|-----------------|-----------------|-----------------|-----------------|
| 6 | DC TEETH | DC 1 (KG 1,4) | DC 1 (KG 1,4) | DC 1 (KG 1,4) | DC 1 (KG 1,4) | DC 1 (KG 1,4) | DC 1 (KG 1,4) | DC 1 (KG 1,4) | DC 1 (KG 1,4) | DC 1 (KG 1,4) |
| 6 | DTE TEETH | DTE 13 (KG 1,7) | DTE 13 (KG 1,7) | DTE 13 (KG 1,7) | DTE 13 (KG 1,7) | DTE 13 (KG 1,7) | DTE 13 (KG 1,7) | DTE 13 (KG 1,7) | DTE 13 (KG 1,7) | DTE 13 (KG 1,7) |



STANDARD TECHNICAL FEATURES

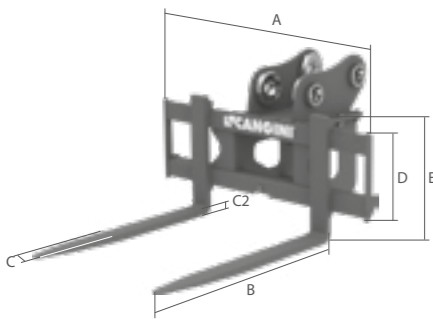
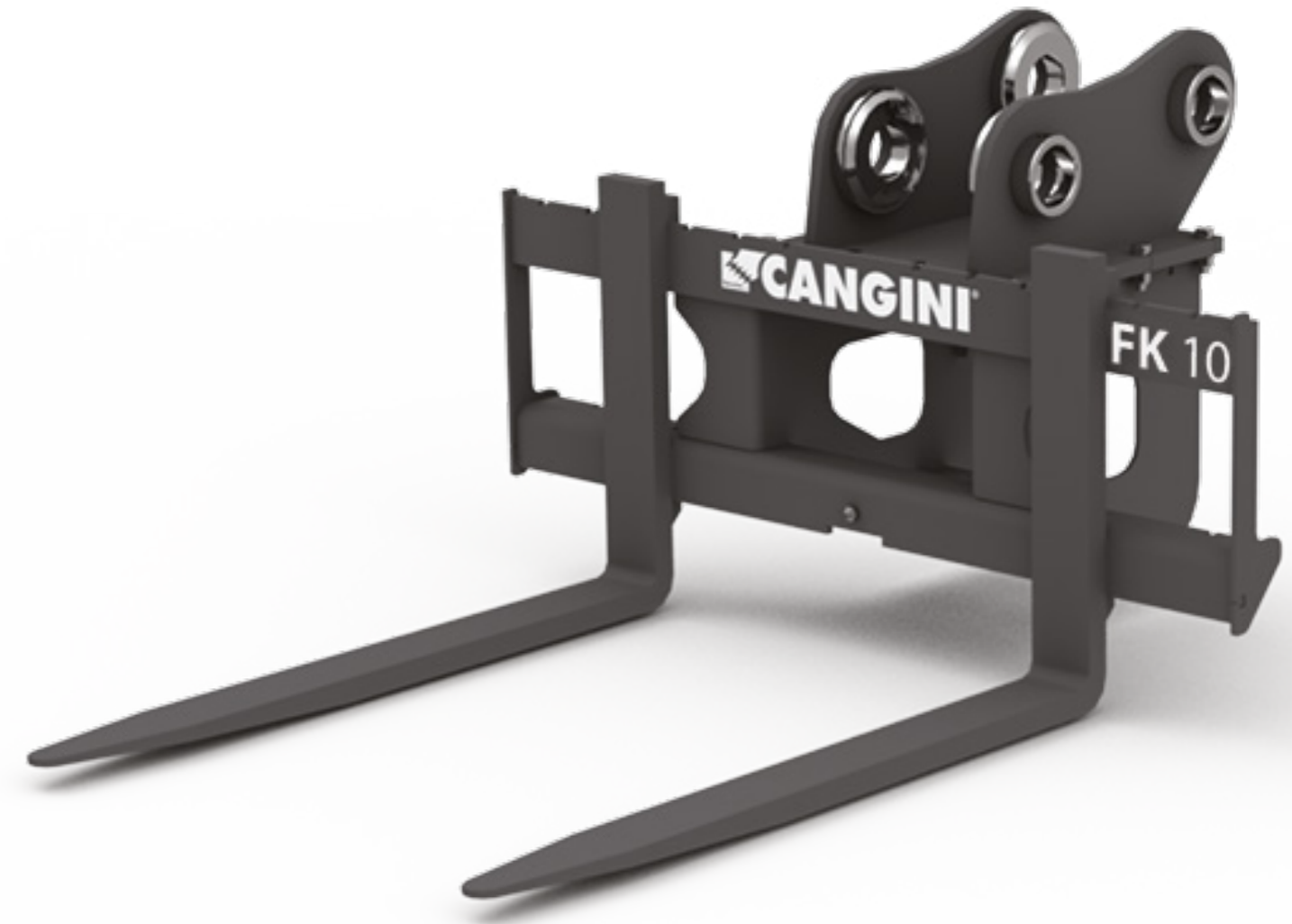
- SAFETY CHECK-VALVE**
IT ALLOWS TO KEEP THE TOOL SAFE EVEN IN CASE OF DAMAGE OF THE PIPES OR PRESSURE LOSS IN THE SYSTEM.
- SIDE TOOTHING**
ITS PROFILE ENABLES TO KEEP THE GRABBED MATERIAL.
- HB400 REINFORCEMENT STRIPES AND CUTTING EDGE**
THEY GRANT HIGH RESISTANCE AGAINST DEFORMATION OF THE MORE STRESSED PARTS.
- INTERCHANGEABLE BOLTED BLADE**
- HYDRAULIC SYSTEM INTEGRATED INTO THE BODY**
IT'S INTEGRATED INTO THE BODY THUS PROTECTING PIPES FROM DAMAGES DURING THE WORKING PHASE.



OPTIONAL

- DC TEETH DTE TEETH**



THIS CONFIGURATION ENABLES THE COUPLING TO EXCAVATORS MAKING IT SUITABLE FOR THE HANDLING OF LOADS IN HARD-TO-REACH AREAS.



| | MOD. | FK10S | | FK10 | | FK18S | |
|--|---------|-------|--------|------|--------|-------|--------|
| A | MM (IN) | 1150 | (45) | 1150 | (45) | 1150 | (45) |
| B | MM (IN) | 1000 | (39) | 1200 | (47) | 1200 | (47) |
| C | MM (IN) | 80 | (3,1) | 80 | (3,1) | 100 | (3,9) |
| C2 | MM (IN) | 30 | (1,2) | 30 | (1,2) | 35 | (1,4) |
| D | MM (IN) | 405 | (16) | 405 | (16) | 405 | (16) |
| E | MM (IN) | 620 | (24) | 620 | (24) | 620 | (24) |
|  W/O COUPLER | KG (LB) | 170 | (375) | 182 | (401) | 210 | (463) |
|  | KG (LB) | 1000 | (2205) | 1000 | (2205) | 1800 | (3968) |

PATENTED

HB400



GEARBOX TRANSMISSION DELIVERS HIGH PERFORMANCE AND IS ALMOST MAINTENANCE-FREE HIGH PERFORMANCES AND DOES NOT REQUIRE CONTINUOUS MAINTENANCE INTERVENTIONS. THE USE OF DUAL CROSS RELIEF AND FLOW DIVIDER VALVES GRANTS EFFECTIVENESS AND RELIABILITY EVEN IN THE MOST DIFFICULT WORK CONDITIONS.



STANDARD TECHNICAL FEATURES

- 1 SAFE LOCKING/DISCHARGE (PATENTED)**
THE OPERATOR LOCKS THE DISCHARGE PIPE FROM THE BUCKET'S SIDE IN THE SAFEST WORK CONDITION.
- 2 CONTROL ROD FOR THE DISCHARGE PIPE**
IT ENABLES THE PIPE'S DISPLACEMENT FOR THE SIDE POURING.
- 3 FIXING SYSTEM FOR THE DISCHARGE PIPE**
IT ALLOWS TO FIX THE PIPE IN ITS POSITION OF SIDE DISCHARGE.
- 4 SAFE AUGER IN HB400**
WHEN THE GRID IS OPENED AN AUTOMATIC SYSTEM STOPS THE AUGER'S ROTATING MOVEMENT.
- 5 AUGER REMOVAL**
THE BUCKET'S BODY HAS BEEN DESIGNED IN A SUCH WAY THAT THE ENTIRE AUGER CAN BE REMOVED THUS MAKING THE MAINTENANCE OPERATION EASIER.
- 6 GEARMOTOR**
IT GUARANTEES HIGH PERFORMANCES TO THE ENTIRE SYSTEM.
- 7 ELECTRIC KIT**
IT ALLOWS THE CONTROL BOTH OF THE MIXING AND THE DISCHARGE OPERATIONS FROM THE CAB.

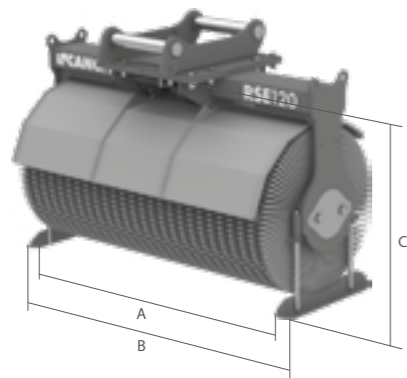
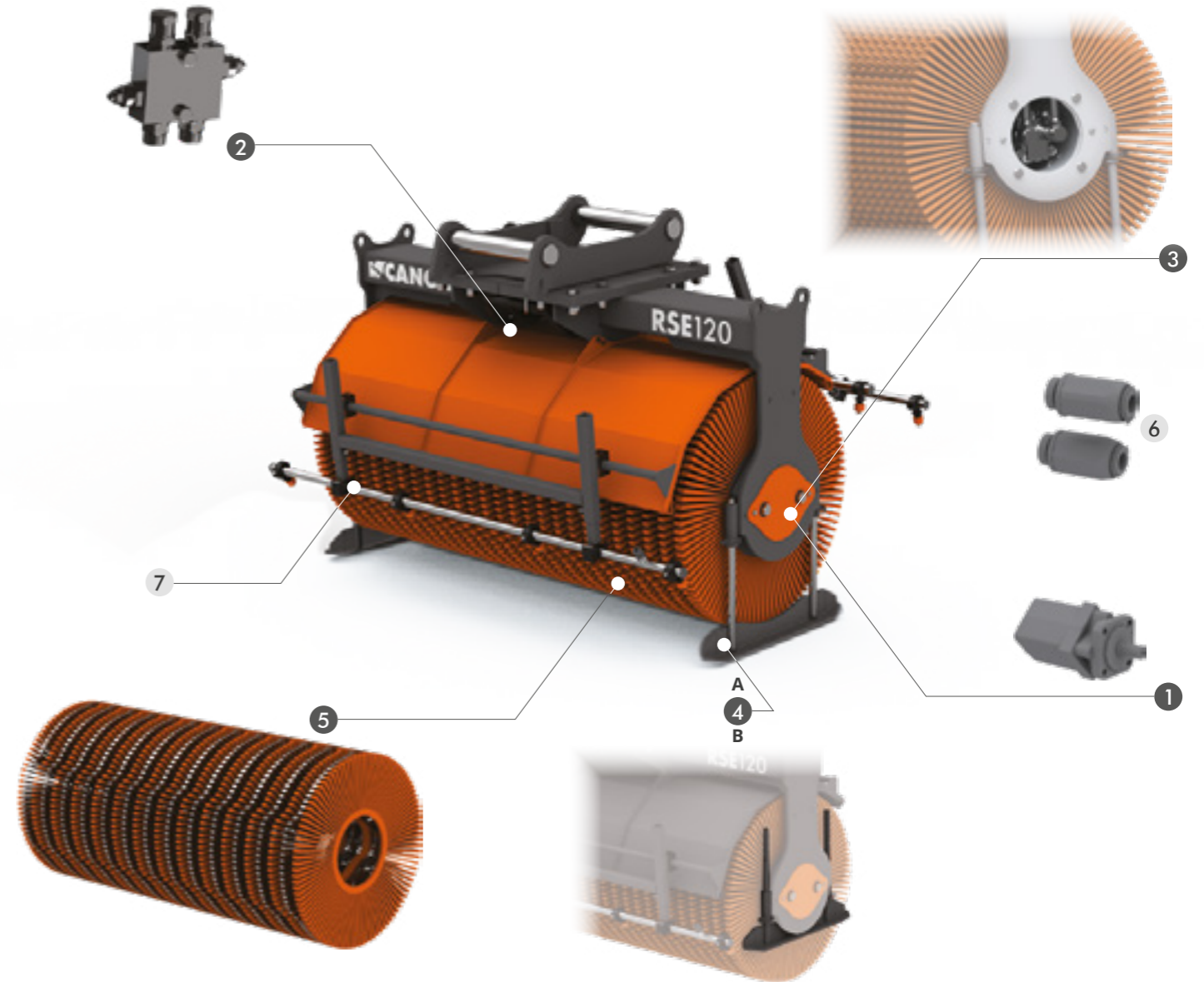
OPTIONAL

- 8 FLOWRATE REDUCERS**
ADVISED FOR MACHINES WITH OILFLOW HIGHER THAN 70 L/MIN.

| | MOD. | MIX 150SF | MIX 200SF | MIX 250SF | MIX 350SF | MIX 450SF | MIX 600SF |
|------------------|-----------------|------------|------------|------------|-------------|-------------|-------------|
| A MM (IN) | | 1000 (39) | 1100 (43) | 1350 (53) | 1350 (53) | 1670 (66) | 1750 (69) |
| B MM (IN) | | 1258 (50) | 1370 (54) | 1620 (64) | 1630 (64) | 1946 (77) | 2018 (79) |
| C MM (IN) | | 620 (24) | 650 (26) | 650 (26) | 720 (28) | 720 (28) | 835 (33) |
| D MM (IN) | | 530 (21) | 580 (23) | 610 (24) | 680 (27) | 680 (27) | 800 (31) |
| W/O COUPLER | KG (LB) | 225 (496) | 280 (612) | 320 (705) | 370 (816) | 425 (937) | 525 (1158) |
| WITH COUPLER | KG (LB) | 570 (1257) | 740 (1631) | 895 (1973) | 1175 (2590) | 1460 (3219) | 1905 (4200) |
| DISCHARGE PIPE | L (GAL) | 150 (39,6) | 200 (52,8) | 250 (66) | 350 (92,5) | 450 (118,9) | 600 (158,5) |
| MAX | L/MIN (GAL/MIN) | 70 (19) | 70 (19) | 70 (19) | 70 (19) | 70 (19) | 70 (19) |
| MAX | BAR (PSI) | 200 (2901) | 200 (2901) | 200 (2901) | 200 (2901) | 200 (2901) | 200 (2901) |



THE BROOM SWEEPER FOR EXCAVATORS IS SUITABLE FOR THE CLEANING OF HORIZONTAL AND VERTICAL SURFACES AND OF AREAS THAT MACHINES WITH FRONTAL ATTACHMENTS CANNOT REACH. IT IS EQUIPPED WITH STABILIZING SHOES TO SAFEGUARD BRUSHES WHEN THE BROOM IS SET TO THE GROUND. STANDARD THROTTLE VALVES AND PRESSURE RELIEF VALVES. THE DIRECT DRIVE ENGINE WITH DISK GEARBOX IS PLACED INSIDE THE BRUSH SHAFT TO REDUCE THE TOOL'S OPERATING OVERALL WIDTH.



| | MOD. | RSE120 | |
|----------|-------------|-----------------|------------|
| A | MM (IN) | 1210 | (48) |
| B | MM (IN) | 1310 | (52) |
| C | MM (IN) | 800 | (31) |
| | W/O COUPLER | KG (LB) | 155 (342) |
| | | MM (IN) | 600 (24) |
| | | N. | 25 + 2 |
| | | L/MIN (GAL/MIN) | 70 (19) |
| | MAX | BAR (PSI) | 180 (2611) |

STANDARD TECHNICAL FEATURES

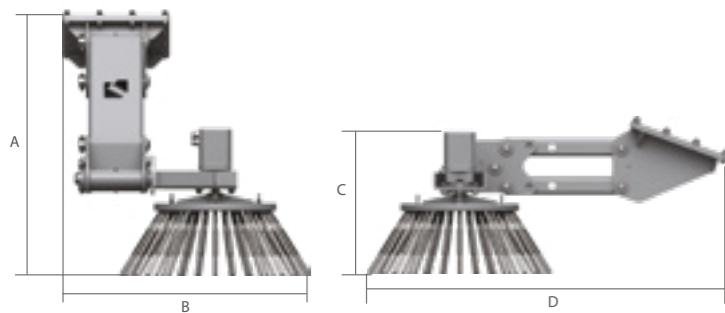
- ENGINE WITH SQUARE FLANGES AND DISK GEARBOX**
- PRESSURE RELIEF VALVE**
THEY PREVENT THE ENGINE FROM PRESSURE PEAKS DURING WORKING PHASES CALIBRATED AT 180 BAR.
- DIRECT DRIVE ENGINE**
THE SOLUTION OF THE DISK GEARBOX ENGINE MOUNTED DIRECTLY ON THE BRUSH SHAFT ALLOWS TO REDUCE THE OVERALL DIMENSIONS OF THE ROLLER CONSIDERABLY AND MAKE IT MORE VERSATILE.
- ADJUSTABLE STABILIZING SHOES: A) STAND-BY POSITION - B) WORK POSITION**
- PPL + STEEL BRUSH KIT**
RECOMMENDED FOR THE CLEANING OF PARTICULARLY ABRASIVE SURFACES.

OPTIONAL

- FLOWRATE REDUCERS**
ADVISED FOR MACHINES WITH OILFLOW HIGHER THAN 70 L/MIN
- OUTSIDE SPRINKLERS KIT**
THIS KIT DOES NOT INCLUDE TANK AND PUMP.



THIS BRUSH CAN BE APPLIED TO EXCAVATORS. IT IS MADE OF STEEL BRISTLES AND THEREFORE IDEAL FOR THE DEEP CLEANING AND WEED-REMOVAL OF CURBS, PLATFORMS AND BANKS, AND ASPHALTED AREAS. IT IS EQUIPPED WITH STANDARD FLOATING SYSTEM AND JOINT ON ITS HEAD THAT ENABLE THE BRUSH TO ADAPT TO ANY SURFACE. BOTH POSITIONING SYSTEMS CAN BE BLOCKED TO A FIX POSITION FOLLOWING THE UTILIZER'S NEEDS. IN ITS PPL BRISTLE VERSION THE BRUSH CAN CLEAN MORE DELICATE SURFACES WHERE THE WEED-REMOVAL IS NOT NECESSARY.



| MOD. | SSC550 | |
|------------------|-----------------|------------|
| A MM (IN) | 890 | (35) |
| B MM (IN) | 850 | (33) |
| C MM (IN) | 550 | (22) |
| D MM (IN) | 1260 | (50) |
| FLOATING STROKE | MM (IN) | 340 (13) |
| W/O COUPLER | KG (LB) | 100 (220) |
| | MM (IN) | 640 (25) |
| MAX. | L/MIN (GAL/MIN) | 70 (19) |
| MAX. | BAR (PSI) | 200 (2901) |

STANDARD TECHNICAL FEATURES

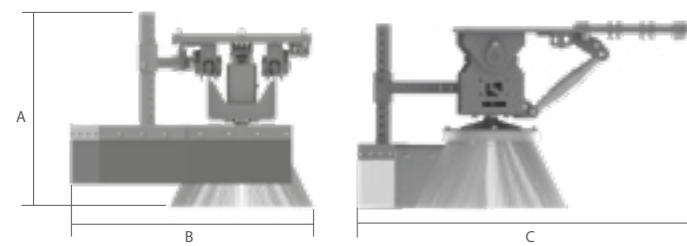
- 1 **ENGINE WITH SQUARE FLANGES AND DISK GEARBOX**
- 2 **STEEL BRUSH (A) OR PPL BRUSH (B)**
- 3 **FLOATING SYSTEM AND JOINT**

OPTIONAL

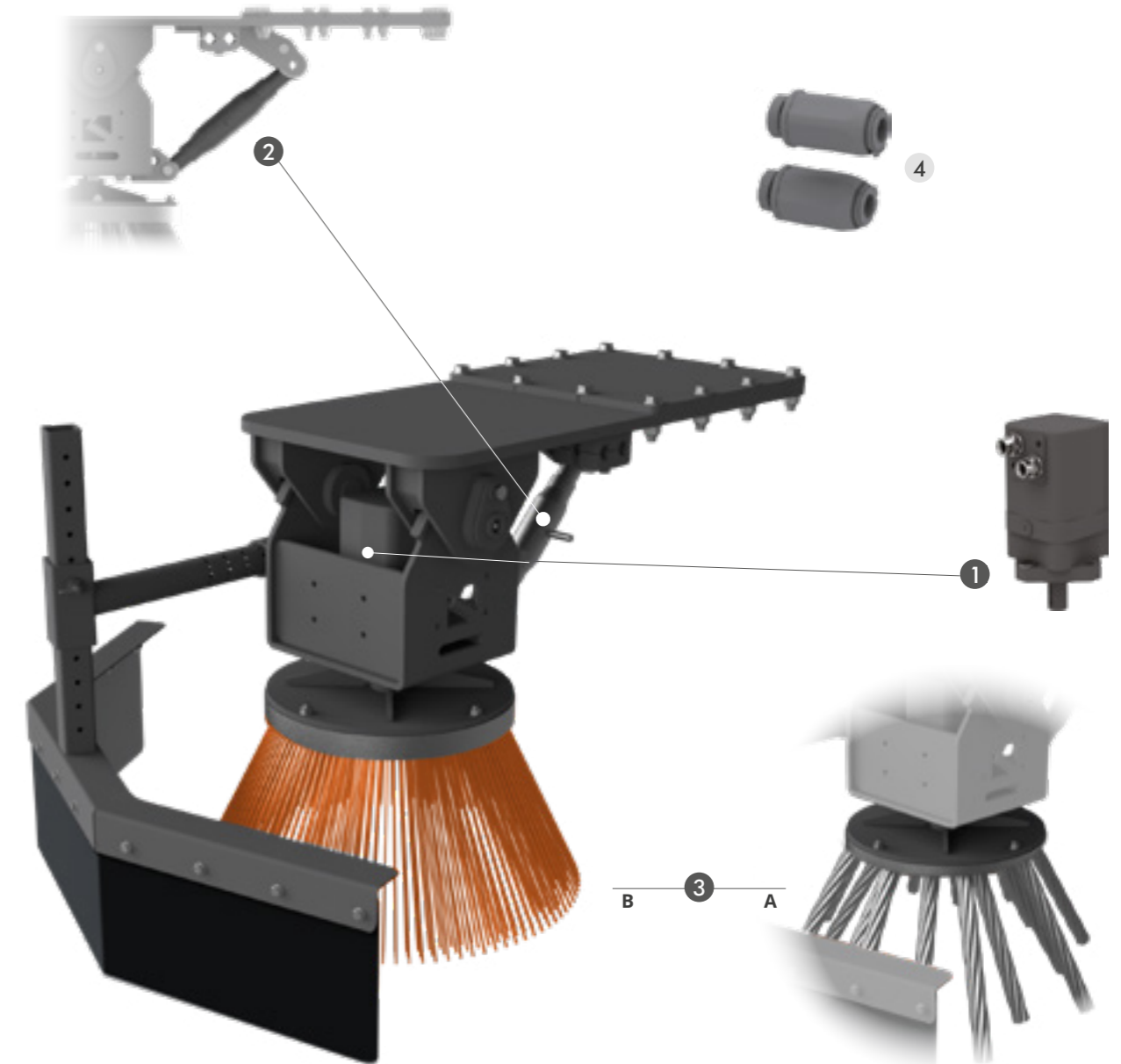
- 4 **FLOWRATE REDUCERS**
ADVISED FOR MACHINES WITH OILFLOW HIGHER THAN 70 L/MIN



IT DEEPLY CLEANS CURBS, SIDEWALKS, BANKS AND ASPHALTED AREAS AND REMOVES WEEDS.



| | MOD. | ALL DUSTER E | |
|---|----------------------|--------------|----------|
| A | MM (IN) | 590 | (23,2) |
| B | MM (IN) | 880 | (34,6) |
| C | MM (IN) | 1060 | (41,7) |
| | KG (LB) | 92 | (202,8) |
| | MM (IN) | 500 | (19,6) |
| | L/MIN (GAL/MIN) | 40 | (18,4) |
| | MAX. L/MIN (GAL/MIN) | 70 | (10,5) |
| | MAX. BAR (PSI) | 200 | (2900,7) |



STANDARD TECHNICAL FEATURES

- 1 **ENGINE WITH SQUARE FLANGES AND DISK GEARBOX AND FLOW REGULATORS**
- 2 **MECHANICAL ANGLE**
- 3 **BRUSH OF STEEL (A) OR BRUSH OF PPL (B)**

OPTIONAL

- 4 **FLOWRATE REDUCERS**
ADVISED FOR MACHINES WITH OILFLOW HIGHER THAN 70 L/MIN.

FRONTAL ATTACHMENTS



| | | | | | | | |
|---|----|--|--|--|--|--|--|
| FRONT WOOD GRABS | 44 | | | | | | |
| FRONT SCREENING BUCKET | 46 | | | | | | |
| MULTISCREENING BUCKET FRONTAL COUPLING | 48 | | | | | | |
| MULTISCREENING TWIN BUCKET FRONTAL COUPLING | 50 | | | | | | |
| FRONT AUGER | 52 | | | | | | |
| FRONT MULCHER | 54 | | | | | | |
| FORCE ONE FRONT FORESTRY MULCHER | 56 | | | | | | |
| FRONT SHARP-CUT BRANCH CUTTER BAR | 58 | | | | | | |
| 4 IN 1 BUCKET | 60 | | | | | | |

FRONTAL ATTACHMENTS



| | | | | | | | |
|--------------------------------|----|--|--|--|--|--|--|
| FRONT PALLET FORK | 62 | | | | | | |
| MIXING BUCKET SAFE DISCHARGE | 64 | | | | | | |
| STANDARD SNOW BLADE | 66 | | | | | | |
| DOZER BLADE | 68 | | | | | | |
| XPLANE LASER DOZER BLADE | 70 | | | | | | |
| LASER READY DOZER BLADE | 72 | | | | | | |
| SWEeper BUCKET | 74 | | | | | | |
| EASY SWEEPY SWEEPER | 76 | | | | | | |
| ANGLE BROOM SWEEPER | 78 | | | | | | |
| FRONT ALL DUSTER JOINTED BRUSH | 80 | | | | | | |



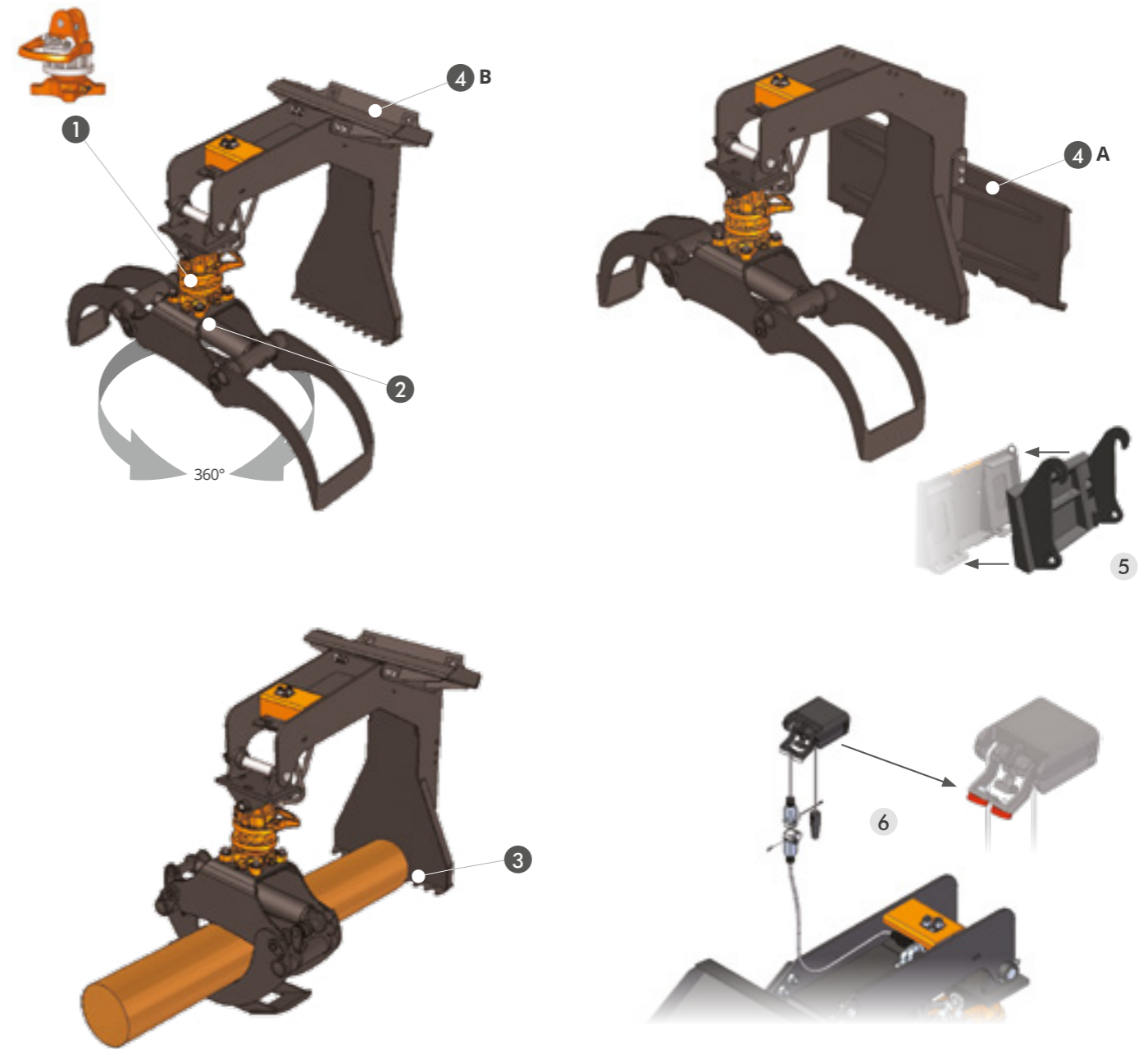
THE LOG GRAPPLE CAN BE EQUIPPED WITH 360° HYDRAULIC ROTATION, PARTS SUBJECT TO GREATER WEAR ARE MADE OF DOMEX 700. STANDARD EQUIPMENT INCLUDES A BLOCK VALVE ON THE CLOSING CYLINDER.



| MOD. | | WGF 100 | | WGF 110 | | WGF 130 | |
|-------------|-----------------|---------|--------|---------|--------|---------|--------|
| A | MM (IN) | 330 | (13) | 395 | (16) | 425 | (17) |
| B | MM (IN) | 610 | (24) | 655 | (26) | 735 | (29) |
| C | MM (IN) | 410 | (16) | 440 | (17) | 495 | (19) |
| D | MM (IN) | 650 | (25) | 695 | (27) | 790 | (31) |
| E | MM (IN) | 1090 | (43) | 1180 | (46) | 1400 | (55) |
| W/O COUPLER | KG (LB) | 166 | (366) | 210 | (462) | 240 | (529) |
| MIN. | MM (IN) | 70 | (2) | 80 | (3,1) | 75 | (2,9) |
| MAX. | L/MIN (GAL/MIN) | 50 | (13) | 50 | (13) | 50 | (13) |
| MAX. | KG (LB) | 500 | (1102) | 1000 | (2204) | 1000 | (2204) |
| MAX. | BAR (PSI) | 200 | (2901) | 200 | (2901) | 200 | (2901) |

OPT PRICE LIST

ARTICULATED LOADERS,
BACKHOE LOADERS
AND TELESCOPIC HANDLERS HITCH
2 HOSES KIT



STANDARD

- 1 FRONT WOOD GRABS WITH HYDRAULIC 360° ROTATION**
- 2 BLOCK VALVE ON THE CYLINDER**
- 3 SERRATED BLADE AS SUPPORT TO MATERIAL HANDLING**
IT OFFERS A SUPPORT BASE DURING THE HANDLING OF THE LIFTED MATERIAL

- 4A SKID LOADER HITCH**
- 4B MINI SKID LOADER HITCH**

OPTIONAL

- 5 ARTICULATED LOADERS, BACKHOE LOADERS AND TELESCOPIC HANDLERS HITCH**
- 6 2 HOSES KIT**

IT ALLOWS THE FUNCTIONING OF THE ROTATION AND OPENING/CLOSING OF THE CLAWS ON MACHINES PROVIDED WITH ONE DOUBLE EFFECT LINE.IL CONTROL KIT WITH MAGNETS TO EASILY PUT IT INSIDE THE CAB.

FRONT SCREENING BUCKET

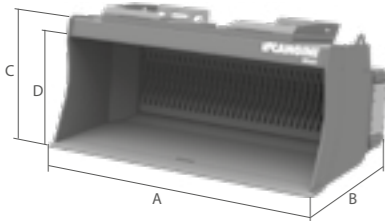


PATENTED

HB400

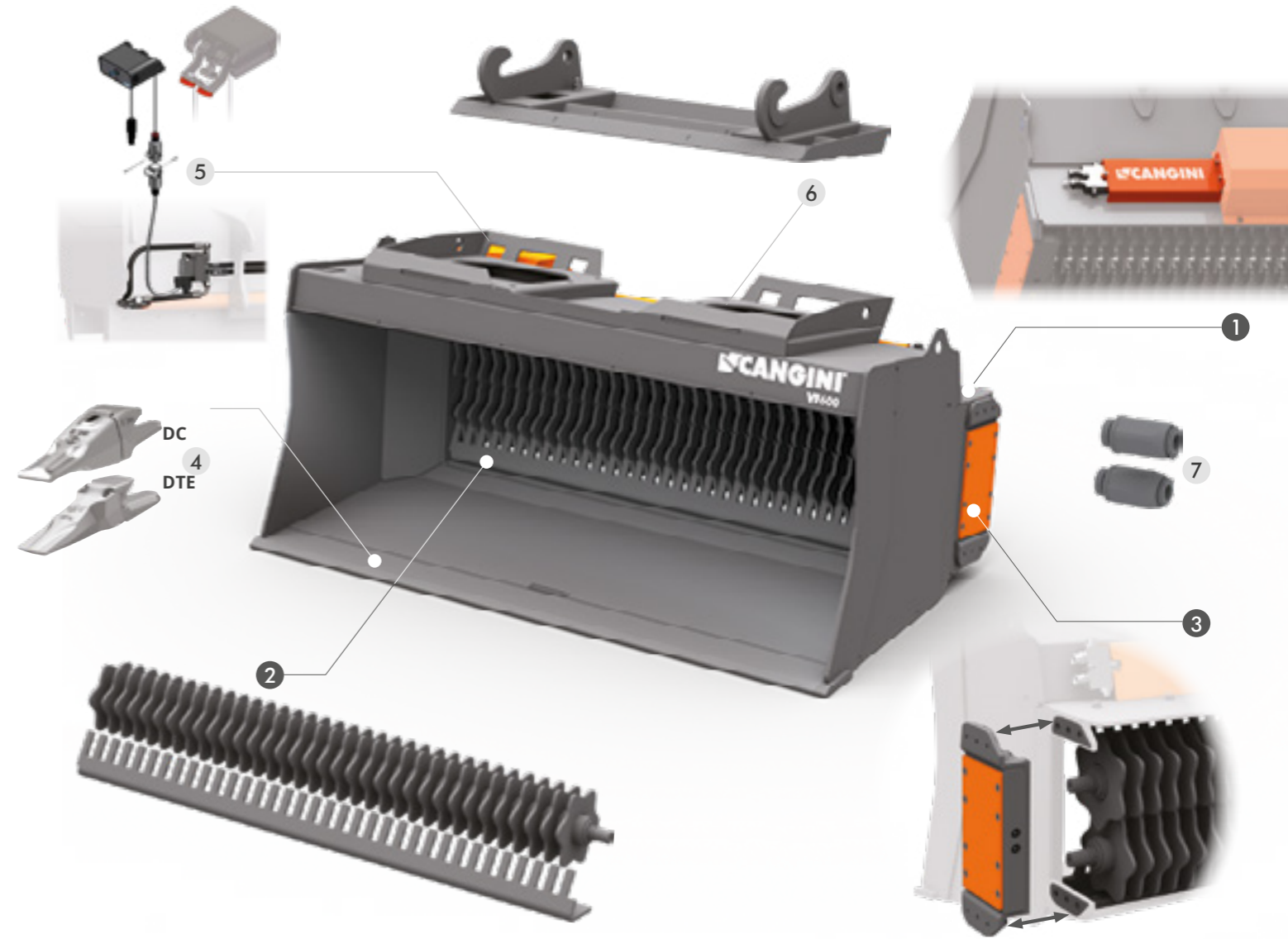


IT GRADES MATERIALS FROM DEMOLITION, DIGGING AND EARTH-MOVING WORKS. IT IS IDEAL ALSO FOR THE MIXING OF TERRAIN AND PEAT. THE CORE-ELEMENT IS AN HYDRAULIC SIEVE WITH ROTATING HB400 KNIVES. THE MATERIAL THICKNESS CAN VARY FROM 0 TO 20 (0 - 0,8 IN) AND FROM 0 TO 35 (0 - 1,4 IN) WITH A STANDARD EQUIPMENT.



| | MOD. | VF600 | | VF700 | | VF1000 | | VF1300 | | VF1600 | |
|--------------|-----------------|-----------|---------------|-----------|---------------|-----------|---------------|-----------|---------------|-----------|---------------|
| A | MM (IN) | 1200 | (47) | 1400 | (55) | 1600 | (63) | 1 800 | (71) | 2000 | (79) |
| B | MM (IN) | 720 | (28) | 840 | (33) | 840 | (33) | 1050 | (41) | 1050 | (41) |
| C | MM (IN) | 620 | (24) | 650 | (26) | 650 | (26) | 780 | (31) | 780 | (31) |
| D | MM (IN) | 550 | (22) | 580 | (23) | 580 | (23) | 710 | (28) | 710 | (28) |
| W/O COUPLER | KG (LB) | 320 | (705) | 370 | (816) | 420 | (926) | 670 | (1477) | 800 | (1764) |
| WITH COUPLER | KG (LB) | 600 | (1323) | 700 | (1543) | 915 | (2017) | 1300 | (2866) | 1550 | (3417) |
| MESH | MM (IN) | 0/20-0/35 | (0/0,8-0/1,4) | 0/20-0/35 | (0/0,8-0/1,4) | 0/20-0/35 | (0/0,8-0/1,4) | 0/20-0/35 | (0/0,8-0/1,4) | 0/20-0/35 | (0/0,8-0/1,4) |
| L/MIN | L/MIN (GAL/MIN) | 40-70 | (11/19) | 40-70 | (11/19) | 40-70 | (11/19) | 60-90 | (16/24) | 60-90 | (16/24) |
| N. | N. | 2 | | 2 | | 2 | | 2 | | 2 | |
| L | L (GAL) | 186 | (49,1) | 220 | (58,1) | 330 | (87,2) | 420 | (111) | 500 | (132,1) |

| | | VF600 | VF700 | VF1000 | VF1300 | VF1600 |
|--------------------|-----------------|-----------------|-----------------|-----------------|-----------------|--------|
| N. | N. | 6 | 6 | 7 | 7 | 8 |
| 4 DC TEETH | DC 1 (KG 1,4) | DC 1 (KG 1,4) | DC 1 (KG 1,4) | DC 3 (KG 2,1) | DC 3 (KG 2,1) | |
| 4 DTE TEETH | DTE 13 (KG 1,7) | DTE 13 (KG 1,7) | DTE 13 (KG 1,7) | DTE 17 (KG 3,0) | DTE 17 (KG 3,0) | |



STANDARD

- SAFETY VALVE**
IT PROTECTS THE ENGINE AGAINST THE PRESSURE PEAKS OCCURRING DURING THE WORKING CYCLES.
- SHAFT SYSTEM**
ALL KNIVES ARE MADE OF HB400.
- PATENTED SHAFT REPLACEMENT SYSTEM**
THANKS TO THE PATENTED SYSTEM, IT IS POSSIBLE TO REPLACE SHAFTS RAPIDLY AND MODIFY THE SIEVED MATERIAL SIZE, WITHOUT INTERVENING ON TRANSMISSION.

OPTIONAL

- DC TEETH DTE TEETH**
- FLOW-REVERSAL VALVE KIT**
THIS VALVE ENABLES TO MAKE THE HYDRAULIC FLOW BI-DIRECTIONAL AND USE THE SCREENING BUCKET EVEN WITH MACHINES HAVING A MONO-DIRECTIONAL SYSTEM.
- ARTICULATED LOADERS, BACKHOE LOADERS AND TELESCOPIC HANDLERS HITCH**
THE WHEEL LOADER COUPLING PLATE CAN BE ADDED TO THE STANDARD SKID COUPLING SYSTEM.
- FLOWRATE REDUCERS**
MANDATORY ON HIGHFLOW MACHINES OR WITH OILRATE HIGHER THAN 70 L/MIN.

MULTISCREENING BUCKET FRONTAL COUPLING

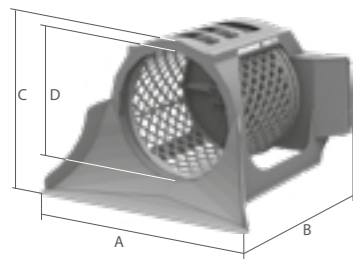


PATENTED

HB400

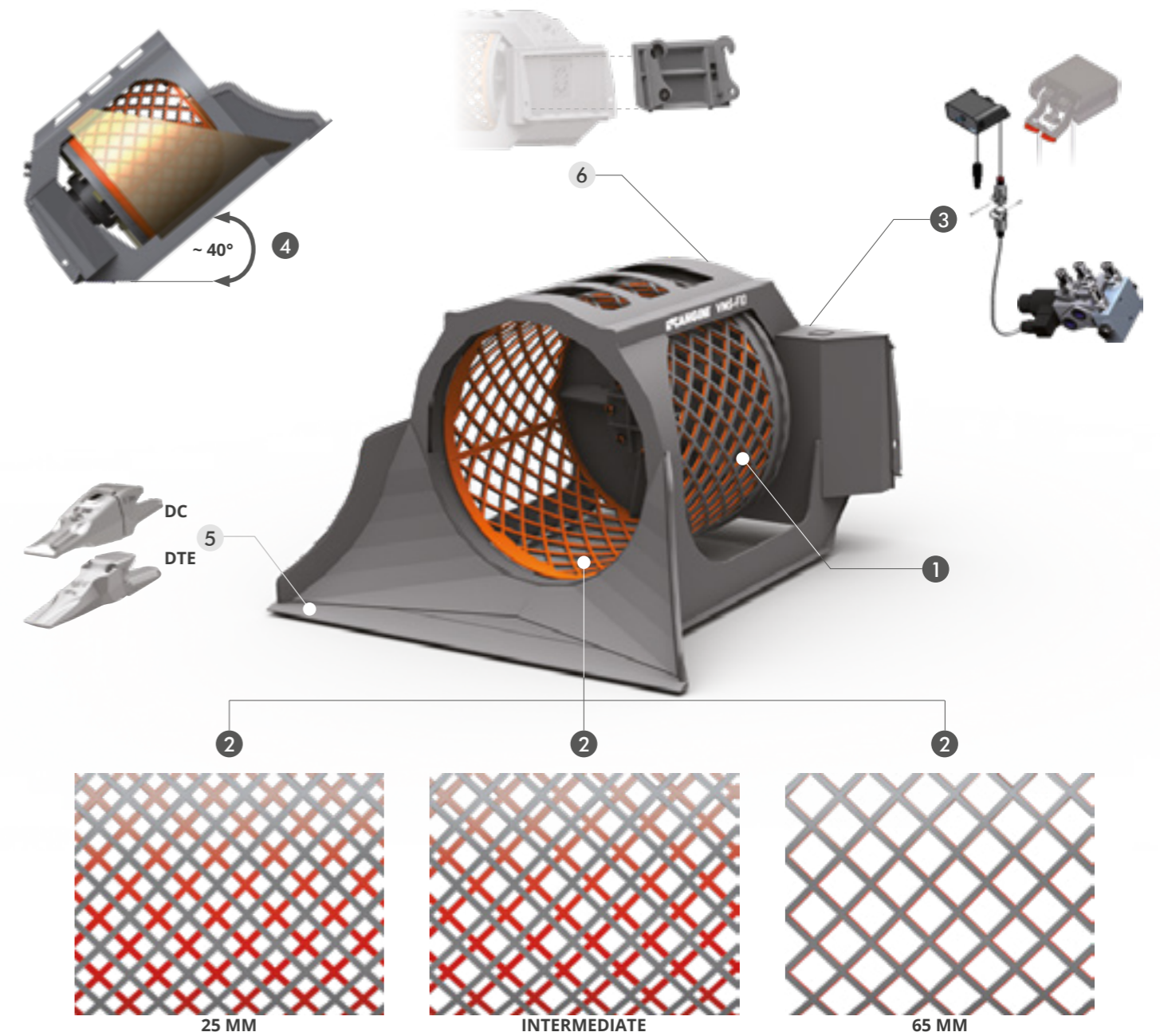


THE NEW MULTISCREENING BUCKET WITH THE NEW ROTARY DOUBLE DRUM CONCEPT FOR FRONTAL COUPLING AND MACHINES UP TO 14 TONS (30865 LB) IS SUITABLE FOR SELECTION DUTIES ON TURNED SOILS AND RESULTING MATERIALS. THE MATERIAL SIZE CHANGE - FROM 25 TO 60 MM (1 - 2,4 IN). - IS CONTROLLED DIRECTLY AND HYDRAULICALLY FROM THE CAB WITHOUT REPLACING ANY MECHANICAL PART THUS REDUCING THE WORK TIMES CONSIDERABLY.



| | MOD. | VMS-F6 | | VMS-F8 | | VMS-F10 | |
|-------------|------------------|--------|--------|--------|--------|---------|---------|
| A | MM (IN) | 1200 | (47) | 1400 | (55) | 1600 | (63) |
| B | MM (IN) | 1270 | (50) | 1420 | (56) | 1550 | (61) |
| C | MM (IN) | 780 | (31) | 890 | (35) | 950 | (37) |
| D | MM (IN) | 650 | (26) | 760 | (30) | 870 | (34) |
| W/O COUPLER | KG (LB) | 360 | (794) | 450 | (992) | 600 | (1323) |
| OPERATING | KG (LB) | 550 | (1213) | 770 | (1698) | 1050 | (2315) |
| MIN. | MM (IN) | 25 | (1) | 25 | (1) | 25 | (1) |
| MAX. | MM (IN) | 60 | (2,4) | 60 | (2,4) | 60 | (2,4) |
| MAX. | L/MIN (GAL/ MIN) | 80 | (21) | 80 | (21) | 80 | (21) |
| MAX. | BAR (PSI) | 350 | (5076) | 350 | (5076) | 350 | (5076) |
| | L (GAL) | 170 | (44,9) | 285 | (75,3) | 400 | (105,7) |

| | | VMS-F6 | VMS-F8 | VMS-F10 |
|----------|-----------|--------------------|--------------------|--------------------|
| | N. | 6 | 6 | 7 |
| 5 | DC TEETH | DC 1 (KG 1,4) | DC 1 (KG 1,4) | DC 1 (KG 1,4) |
| 5 | DTE TEETH | DTE 13 (KG 1,7) | DTE 13 (KG 1,7) | DTE 13 (KG 1,7) |



STANDARD TECHNICAL FEATURES

- 1 HB400 DRUMS**
THE DRUMS CAN AFFORD HIGH WORK PACES THANKS TO THEIR HIGHLY RESISTANT MATERIAL THAT EXTENDS THEIR USEFUL LIFE.
- 2 AUTOMATIC SCREENING SYSTEM**
THE NEW ROTARY DOUBLE DRUM CONCEPT WITH HYDRAULIC CONTROL FROM THE CAB ALLOWS TO SELECT THE MATERIAL SIZE, FROM 25 TO 60 MM (1 - 2,4 IN), WITHOUT STOPPING THE WORK CYCLE.
- 3 2 HOSES KIT**
IT ALLOWS THE FUNCTIONING OF THE ROTATION AND HYDRAULIC SHIFTING OF THE SCREENING DRUMS ALSO ON MACHINES PROVIDED WITH A DOUBLE EFFECT LINE. CONTROL KIT WITH MAGNETS TO EASILY PUT IT INSIDE THE CAB.
- 4 OPERATING LOAD AND OPTIMAL WORKING CONDITION**

OPTIONAL

- 5 DC TEETH DTE TEETH**
- 6 HITCH FOR ARTICULATED LOADERS, BACKHOE LOADERS AND TELESCOPIC HANDLERS.**
IT'S POSSIBLE TO ADD THE HITCH FOR ARTICULATED LOADERS, BACKHOE LOADERS AND TELESCOPIC HANDLERS TO THE SKID LOADER HITCH PROVIDED WITH THE STANDARD EQUIPMENT.

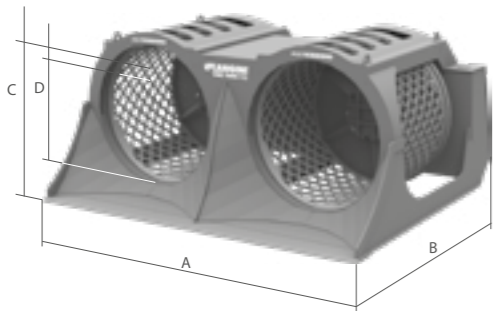
MULTISCREENING TWIN BUCKET FRONTAL COUPLING



PATENTED
HB400

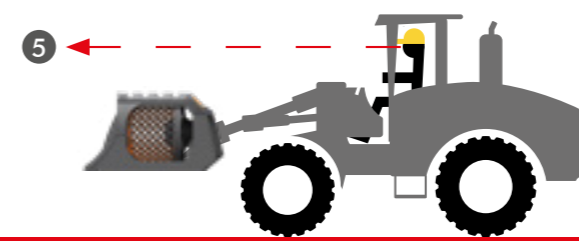


THE NEW MULTISCREENING BUCKET FOR FRONTAL COUPLING, WITH TWO ROTARY DOUBLE DRUMS COUPLED IN A SINGLE FRAME, IS SUITABLE FOR SELECTION DUTIES ON TURNED SOILS AND RESULTING MATERIALS. THE MATERIAL SIZE CHANGE, FROM A MINIMUM OF 25 MM TO A MAXIMUM OF 65 MM (1 - 2,4 IN), IS HYDRAULICALLY CONTROLLED FROM THE CAB WITHOUT REPLACING ANY MECHANICAL PART AND CONSIDERABLY REDUCING THE WORKING TIMES.

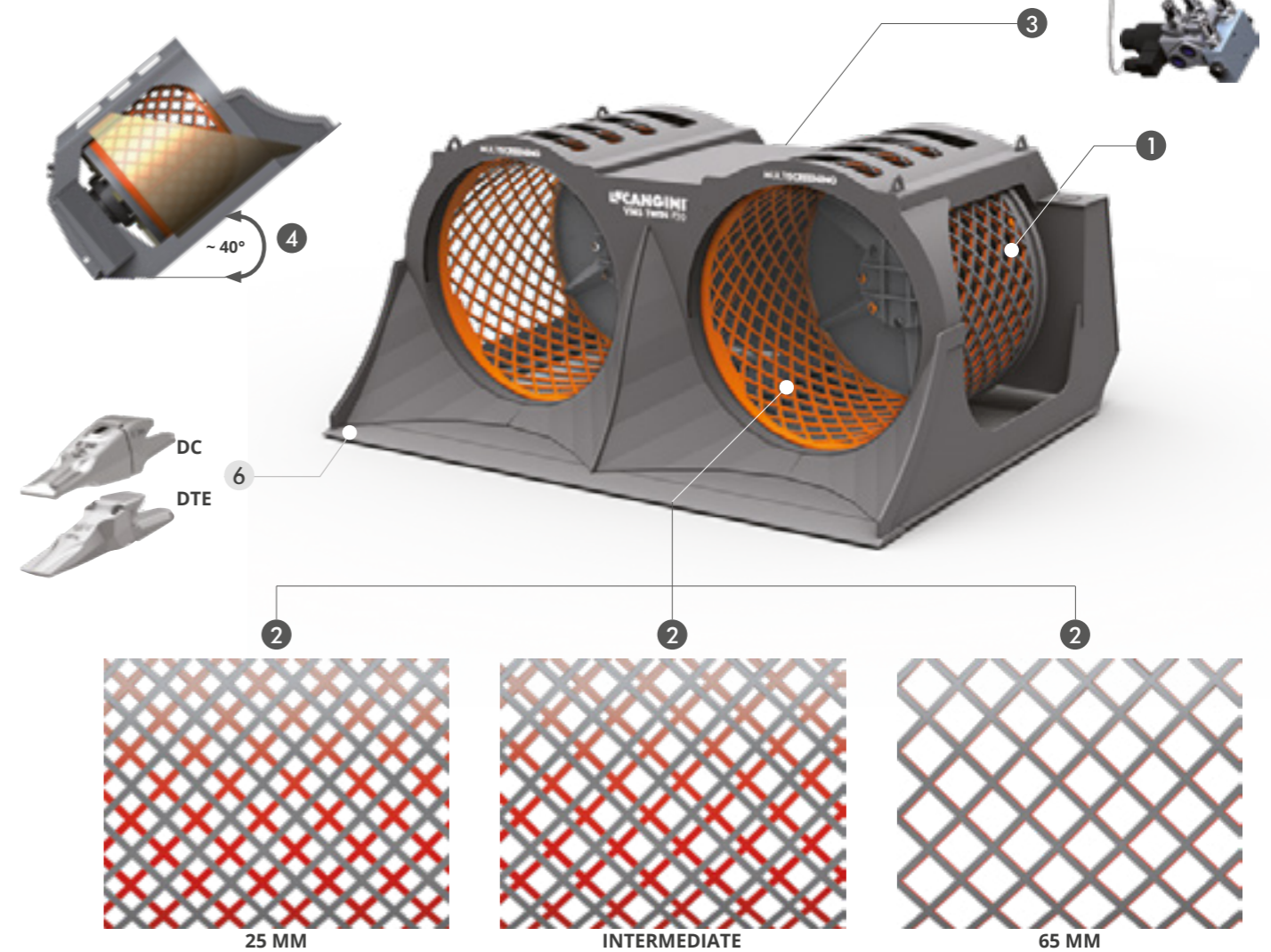


| MOD. | | VMS TWIN F20 | |
|----------|-------------|-----------------|-------------------|
| A | MM (IN) | 2200 | (87) |
| B | MM (IN) | 1755 | (70) |
| C | MM (IN) | 1000 | (39) |
| D | MM (IN) | 870 | (34) |
| | W/O COUPLER | KG (LB) | 1280 (2822) |
| | OPERATING | KG (LB) | 2540 (5600) |
| | MIN. | MM (IN) | 25 (1) |
| | MAX. | MM (IN) | 60 (2,4) |
| | | L/MIN (GAL/MIN) | 60 (16) |
| | MAX. | L/MIN (GAL/MIN) | 150 (39) |
| | MAX. | BAR (PSI) | 350 (5076) |
| | | L (GAL) | 420 X 2 (111 X 2) |

| | | VMS TWIN F20 | |
|----------|-----------|-----------------|--|
| | N. | 8 | |
| 6 | DC TEETH | DC 3 (KG 2,1) | |
| 6 | DTE TEETH | DTE 13 (KG 1,7) | |



DOUBLE PERFORMANCE- EXCELLENT VISIBILITY



STANDARD TECHNICAL FEATURES

- 1 B400 DRUMS**
THE DRUMS CAN AFFORD HIGH WORK PACES THANKS TO THEIR HIGHLY RESISTANT MATERIAL THAT EXTENDS THEIR USEFUL LIFE.
- 2 AUTOMATIC SCREENING SYSTEM**
THE NEW ROTARY DOUBLE DRUM CONCEPT WITH HYDRAULIC CONTROL FROM THE CAB ALLOWS TO SELECT THE MATERIAL SIZE, FROM 25 TO 65 MM (1 - 2,4 IN), WITHOUT STOPPING THE WORK CYCLE.
- 3 2 HOSES KIT**
IT ALLOWS THE FUNCTIONING OF THE ROTATION AND HYDRAULIC SHIFTING OF THE SCREENING DRUMS ALSO ON MACHINES PROVIDED WITH A DOUBLE EFFECT LINE. CONTROL KIT WITH MAGNETS TO EASILY PUT IT INSIDE THE CAB.
- 4 OPERATING LOAD**
- 5 DOUBLE PERFORMANCE- EXCELLENT VISIBILITY (PATENTED)**
THE TWO SCREENING DRUMS REDUCE THE VERTICAL FOOTPRINT, GRANTING AN EXCELLENT VISIBILITY AND THEREFORE A GREATER PRODUCTIVITY.

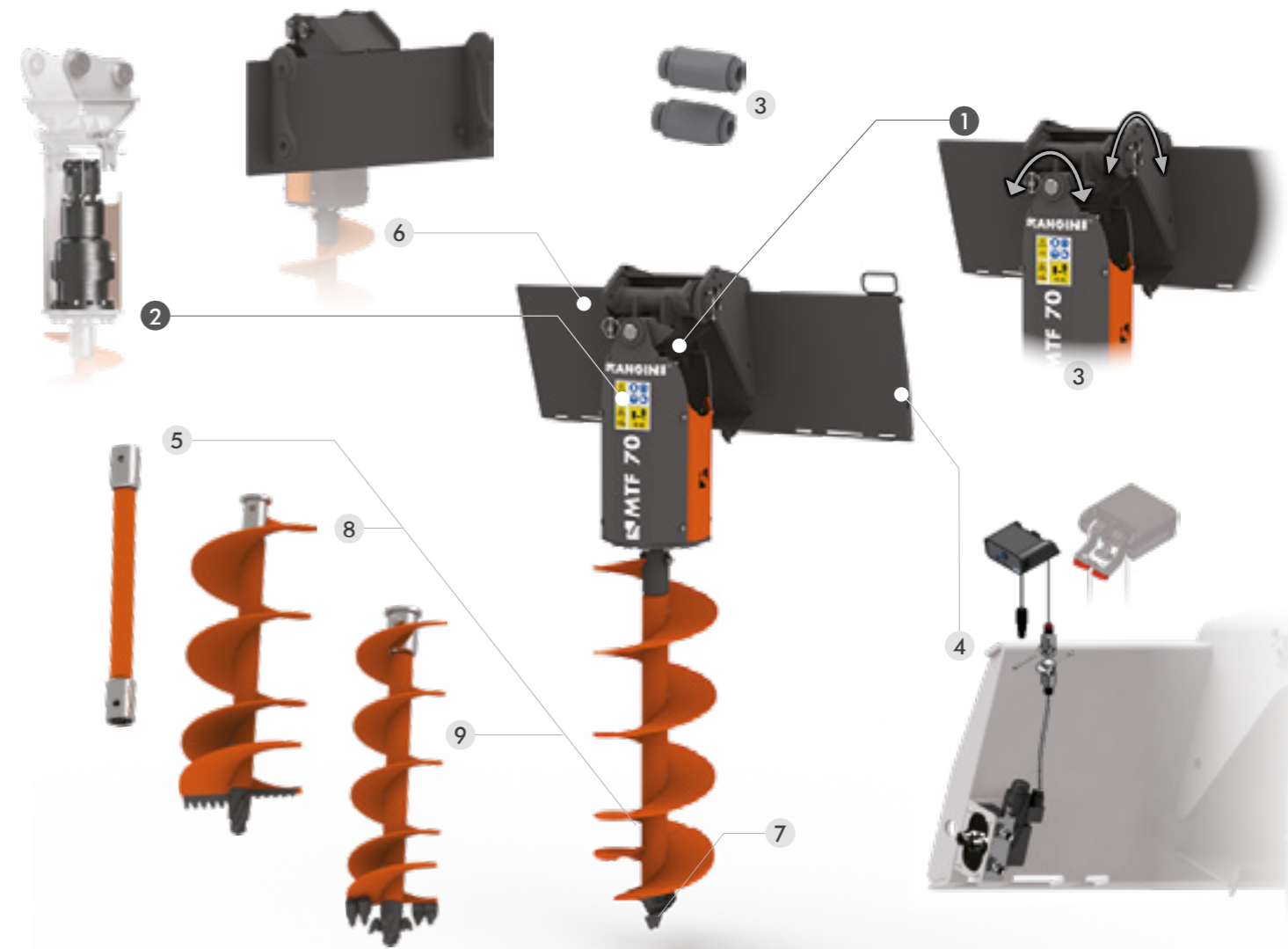
OPTIONAL

- 6 DC TEETH DTE TEETH**



THE BIDIRECTIONAL HYDRAULIC AUGER CAN BE MOUNTED ON MINI SKID LOADERS, SKID LOADERS, WHEEL LOADERS AND TELESCOPIC HANDLERS. TRANSMISSION WITH EPICYCLICAL GEARBOX AND DOUBLE TILTING JOINT. A STEEL ENVELOPE PROTECTS THE REDUCER AGAINST SHOCKS.

| | | MOD. | MTF15 | | MTF20 | | MTF45 | | MTF70 | |
|------------|-------------|-----------------|-------|--------|-------|--------|-------|---------|-------|---------|
| | A | MM (IN) | 640 | (25) | 790 | (31) | 900 | (35) | 1120 | (44) |
| | B | MM (IN) | 430 | (17) | 540 | (21) | 640 | (25) | 860 | (34) |
| | C | MM (IN) | 270 | (11) | 300 | (12) | 300 | (12) | 370 | (15) |
| | D | MM (IN) | 630 | (25) | 690 | (27) | 690 | (27) | 730 | (29) |
| HEX | MM (IN) | 50 | (1,9) | 50 | (1,9) | 50 | (1,9) | 50 | (2,0) | (2,7) |
| | W/O COUPLER | KG (LB) | 120 | (265) | 175 | (386) | 200 | (441) | 300 | (661) |
| | | L/MIN (GAL/MIN) | 25/35 | (7/9) | 30/60 | (8/16) | 50/75 | (13/20) | 60/80 | (16/21) |
| | MAX | BAR (PSI) | 175 | (2538) | 200 | (2900) | 200 | (2900) | 250 | (725) |
| MAX TORQUE | | N/M (FT-LBS) | 1600 | (1180) | 2200 | (1623) | 6000 | (4425) | 10000 | (7376) |



STANDARD TECHNICAL FEATURES

- 1 DOUBLE-PIN ATTACHMENT**
PERPENDICULAR DRILLINGS IN ANY SLOPE CONDITION.
- 2 EPICYCLICAL GEARBOX**
HIGH PERFORMANCES ALSO ON MACHINES WITH LOW HYDRAULIC FLOWRATES.

OPTIONAL

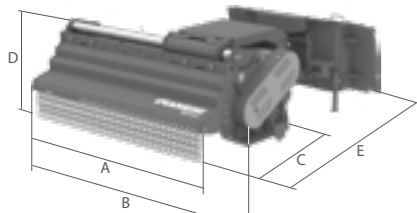
- 3 FLOWRATE REDUCERS**
ADVISED FOR MACHINES WITH OILFLOW HIGHER THAN 70 L/MIN.
- 4 FLOW-REVERSAL VALVE KIT**
IT MAKES THE HYDRAULIC FLOW BI-DIRECTIONAL FOR THE AUGER'S USAGE ON MACHINES WITH A MONO-DIRECTIONAL SYSTEM.
- 5 EXTENSION**
IT ALLOWS TO INCREASE THE DRILLING DEPTH. EXTENSION SIZE OF 1000 MM (39 IN).
- 6 COUPLING SYSTEM FOR WHEEL LOADERS, BACKHOE LOADERS AND TELESCOPICS**
- 7 STANDARD BIT**
USED TO DRILL LOW OR MEDIUM- CONSISTENCY SOILS.
- 8 MEDIUM BIT**
USED TO DRILL MEDIUM OR HIGH-CONSISTENCY SOILS.
- 9 ROCK BIT**
THE IDEAL BIT TO DRILL SOILS WITH ROCKS OR CRUSHED STONES

| HEX MM (IN) | 50 (1,9) | | | | | | | | 70 (2,7) | | | | | | | |
|-------------|-----------|-----------|----------|----------|----------|----------|----------|----------|-----------|-----|-----|-----|-----|-----|-----|----------|
| Ø MM (IN) | 150 (5,9) | 200 (7,9) | 250 (10) | 300 (12) | 350 (14) | 400 (16) | 500 (20) | 600 (24) | 150 (5,9) | 200 | 250 | 300 | 350 | 400 | 500 | 600 (24) |

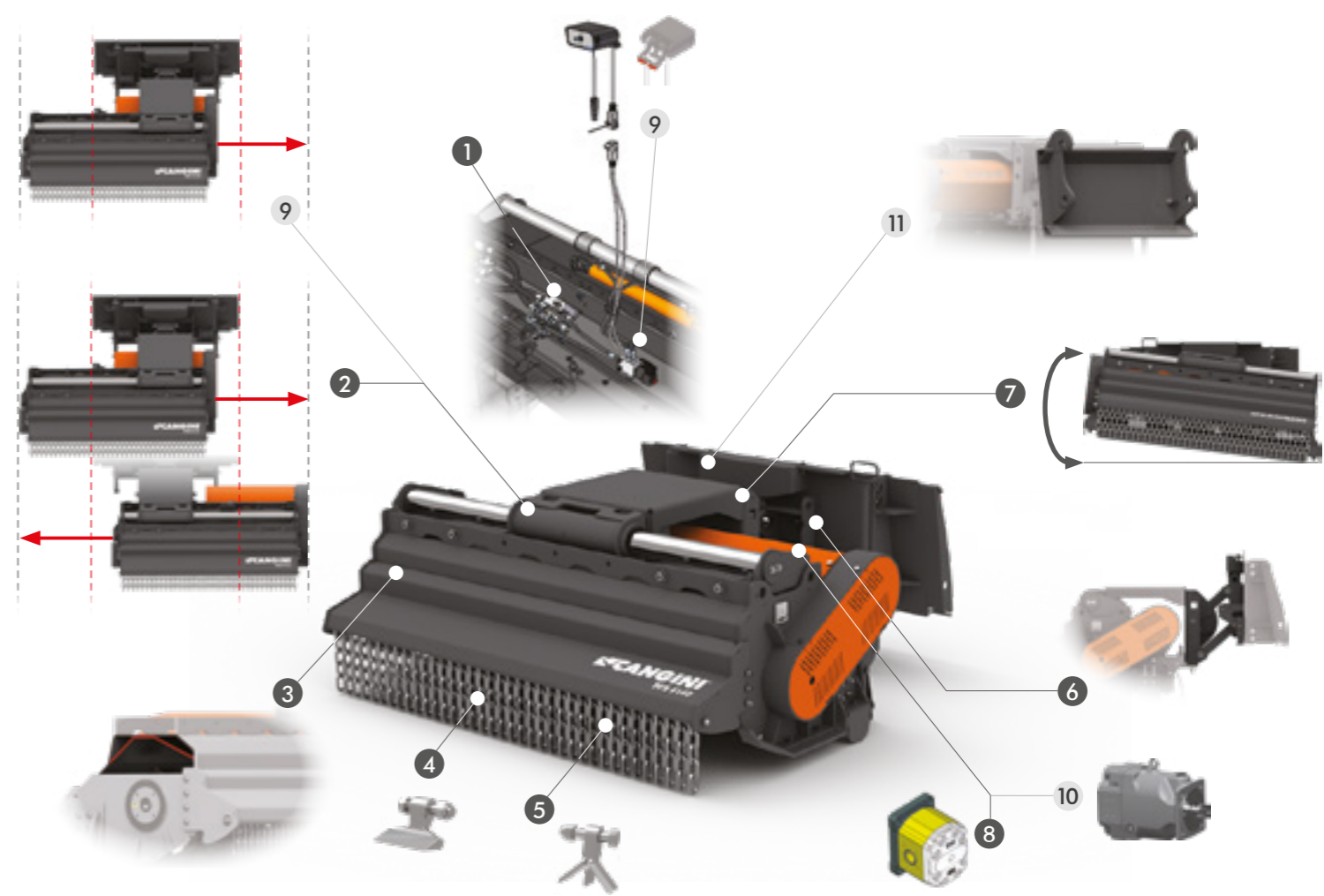
- 7** STANDARD BIT
- 8** MEDIUM BIT
- 9** ROCK BIT



THE FRONT TC MULCHER IS MADE OF A DOUBLE BODY IN ORDER TO INCREASE THE TOOL'S RESISTANCE TO SHOCKS. IT'S EQUIPPED WITH MECHANICAL (HYDRAULIC UPON REQUEST) SIDE-SHIFTING AND VERTICAL FLOATING SYSTEMS. ADJUSTMENT TO THE HORIZONTAL PLANE OF $\pm 10^\circ$. ALSO EQUIPPED WITH BYPASS, PRESSURE RELIEF AND FLOW-DIVIDER VALVES, STANDARD Y BLADES WITH INTERMEDIATE KNIFE OR HAMMERS.



| | MOD. | TC1F-120 | TC2F-140 | TC3F-160 | TC3F-180 | TC4F-200 | TC4F-220 |
|---------------------------------------|-----------------|-------------------|--------------------|--------------------|--------------------|--------------------|--------------------|
| A | MM (IN) | 1200 (47) | 1400 (55) | 1600 (63) | 1800 (71) | 2000 (79) | 2200 (87) |
| B | MM (IN) | 1400 (55) | 1580 (62) | 1780 (70) | 1980 (78) | 2200 (87) | 2400 (94) |
| C | MM (IN) | 640 (25) | 810 (32) | 830 (33) | 830 (33) | 855 (34) | 855 (34) |
| D | MM (IN) | 510 (20) | 485 (19) | 555 (22) | 555 (22) | 575 (23) | 575 (23) |
| E | MM (IN) | 800 (31) | 1300 (51) | 1320 (52) | 1320 (52) | 1380 (54) | 1380 (54) |
| W/O COUPLER | KG (LB) | 175 (385,80) | 550 (1212,53) | 610 (1344,81) | 650 (1432,99) | 820 (1807,77) | 860 (1895,96) |
| | | DIRECT | BELTS | BELTS | BELTS | BELTS | BELTS |
| MIN. | L/MIN (GAL/MIN) | 22 (6) | 28 (7) | 55 (14) | 55 (14) | 65 (17) | 65 (17) |
| MAX. | L/MIN (GAL/MIN) | 90 (24) | 90 (24) | 150 (40) | 150 (40) | 150 (40) | 150 (40) |
| MAX. | BAR (PSI) | 250 (3626) | 250 (3626) | 280 (4061) | 200 (4061) | 200 (4061) | 200 (4061) |
| MAX WITH HAMMERS | MM (IN) | 20-30 (0,8 - 1,2) | 40-60 (1,6 - 2,4) | 60-80 (2,4 - 3,1) | 60-80 (2,4 - 3,1) | 80-100 (3,1 - 3,9) | 80-100 (3,1 - 3,9) |
| MAX. MECHANICAL SIDE-SHIFTING (DX-SX) | MM (IN) | - | $\pm 350 (\pm 14)$ | $\pm 525 (\pm 21)$ | $\pm 525 (\pm 21)$ | $\pm 700 (\pm 28)$ | $\pm 875 (\pm 34)$ |
| MAX. HYDRAULIC SIDE-SHIFTING (DX) | MM (IN) | - | 450 (18) | 450 (18) | 450 (18) | 450 (18) | 450 (18) |



STANDARD TECHNICAL FEATURES

- 1 INTEGRATED VALVE UNIT**
THROTTLE, PRESSURE RELIEF AND BYPASS VALVES.
- 2 MECHANICAL SIDE-SHIFTING (L-R)**
IT SHIFTS THE MULCHER ON BOTH SIDES WITH RESPECT TO THE MACHINE TRACK.
- 3 REINFORCED BODY**
DOUBLE REINFORCED BODY FOR A HIGHER RESISTANCE TO SHOCKS.
- 4 SHAFT WITH HAMMERS**
SUITABLE FOR THE CUTTING OF SHRUBS OR SIMILAR PLANTS.
- 5 SHAFT WITH BLADES**
SUITABLE FOR THE CUTTING OF GRASS OR SIMILAR VEGETATION.
- 6 FLOATING SYSTEM**
IT ENABLES THE MULCHER TO FOLLOW THE SOIL.
- 7 SELF-LEVELLING OF THE HORIZONTAL PLANE OF $\pm 10^\circ$.**
- 8 GEAR MOTOR**
MOTOR WITH REINFORCED SEAL. IN CASE OF BACKPRESSURE HIGHER THAN 10 BAR, DRAINAGE LINE LINKED TO THE TANK IS MANDATORY.

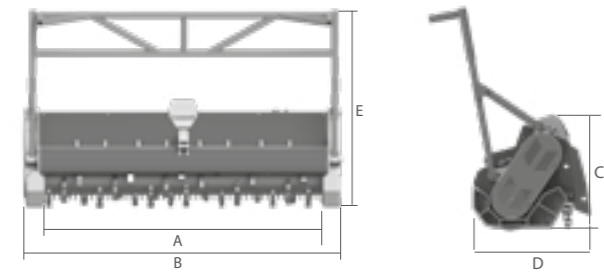
OPTIONAL

- 9 LATERAL HYDRAULIC SIDE-SHIFTING (DX) THANKS TO 2 HOSES TRANSLATION KIT**
IT ALLOWS TO HYDRAULICALLY CONTROL THE SIDE-SHIFTING OF THE MULCHER TO THE RIGHT, DIRECTLY FROM THE CAB. CONTROL KIT WITH MAGNETS TO EASILY PUT IT INSIDE THE CAB.
- 10 PISTON ENGINE**
FIT FOR PARTICULARLY HARD AND CONTINUOUS WORKS. IT NEEDS THE DIRECT DRAINING PIPE TO THE TANK.
- 11 ARTICULATED LOADERS HITCH**

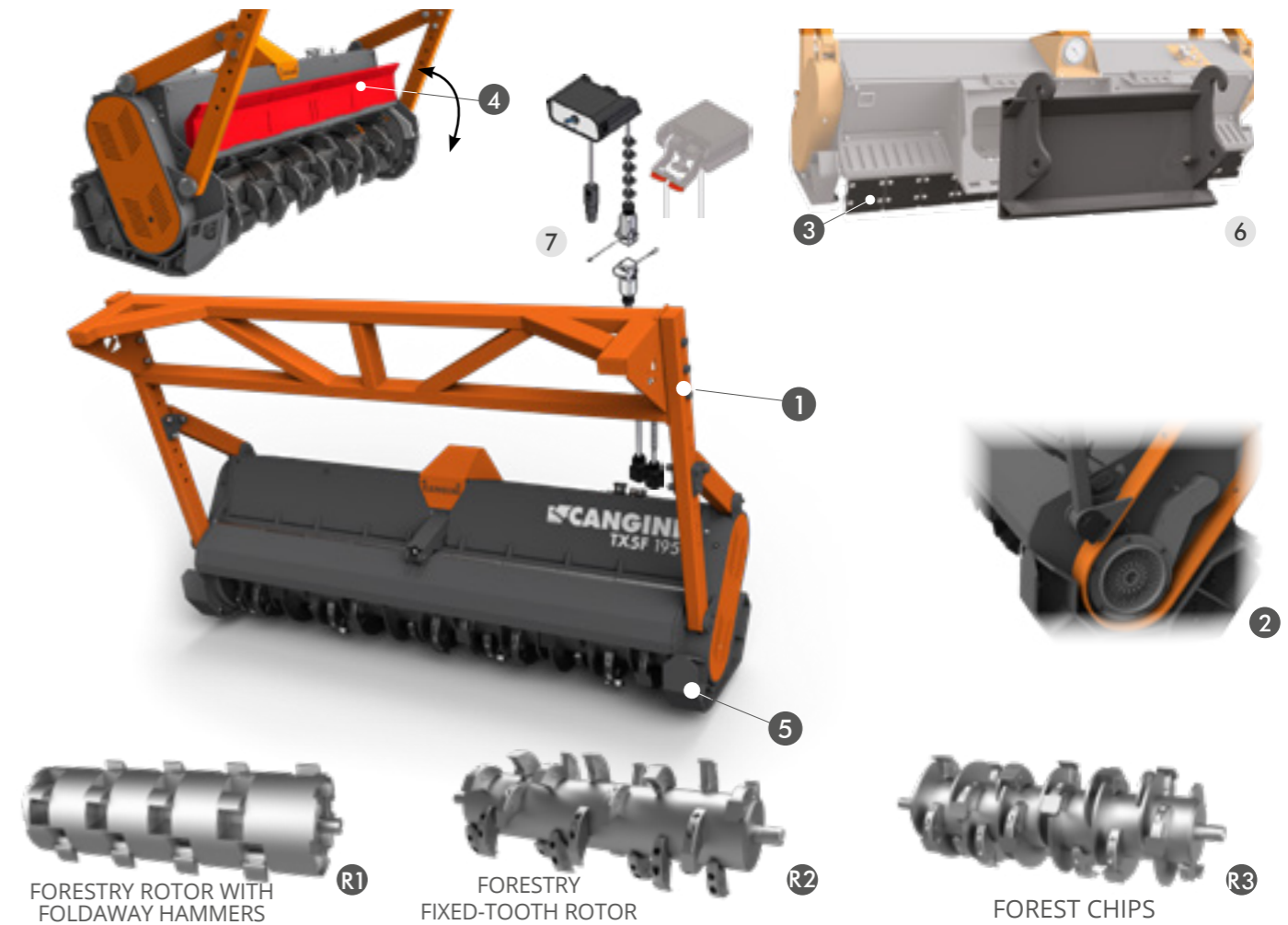
PATENTED PENDING



SAME ENDURANCE FOR THE FRONTAL VERSION THANKS TO THE REINFORCED SHELL, VALVE KIT INCLUDED IN STANDARD EQUIPMENT PROTECTS PISTON ENGINE FROM PRESSURE PEAKS. IT'S THE PERFECT TOOL TO CREATE FIREBREAK LINES, OPEN TRACKS, PATHS AND CUT DOWN TREES.



| | MOD. | TX5F-170 | TX5F-195 | |
|-----------|-------------|--------------|-------------------------|-------------------------|
| A | MM (IN) | 2010 (79,1) | 2260 (88,9) | |
| B | MM (IN) | 2010 (79,1) | 2260 (88,9) | |
| C | MM (IN) | 750 (29,5) | 750 (29,5) | |
| D | MM (IN) | 820 (32,2) | 820 (32,2) | |
| E | MM (IN) | 1700 (66,93) | 1950 (516) | |
| kg | W/O COUPLER | KG (LB) | 800 (1764,0) | 850 (1874,3) |
| kg | W/O COUPLER | KG (LB) | 780 (1764,0) | 830 (1830,2) |
| kg | W/O COUPLER | KG (LB) | 830 (1830,2) | 880 (1940,4) |
| | | N. | 3 | 3 |
| | MAX. | MM (IN) | 100 -120 (3,9 - 4,7) | 100 -120 (3,9 - 4,7) |



STANDARD TECHNICAL FEATURES

- 1 FRONT PROTECTION FRAME**
THE ADJUSTABLE PROTECTION FRAME ENSURES THAT THE PLANT FALLS AWAY FROM THE OPERATOR.
- 2 AUTOMATIC COOLING SYSTEM**
THE FORCED AIRFLOW HELPS TO KEEP THE OIL TEMPERATURE CONSTANT.
- 3 PROTECTION FLAPS**
MADE OF RUBBER, THEY REDUCE THE ACCIDENTAL OBJECTS' PROJECTION OUT OF THE CUTTING AREA.
- 4 HYDRAULIC HOOD OPENING**
THE FRONT HOOD OPENING MAKES THE ROTOR PENETRATE THE VEGETATION.
- 5 HB400 REINFORCED SKIDS**
- R1 FORESTRY ROTOR WITH FOLDAWAY HAMMERS**
THIS FORESTRY ROTOR IS SUITED TO THE CUTTING OF SHRUBS, BUSHES AND BRIARS WITH DIAMETERS UP TO 220 MM.
- R2 FORESTRY FIXED-TOOTH ROTOR**
DESIGNED FOR HEAVY-DUTY WORKS, IT SPECIALLY FITS THE PLANT MULCHING.
- R3 ROTOR FOR FOREST CHIPS**
THIS ROTOR IS SUITABLE FOR THE GRINDING OF TRUNKS WITH DIAMETERS UP TO 220 MM.

OPTIONAL

- 6 ARTICULATED LOADERS HITCH**
IT'S POSSIBLE TO ADD THE HITCH FOR ARTICULATED LOADERS TO THE SKID LOADER HITCH PROVIDED WITH THE STANDARD EQUIPMENT
- 7 2 HOSES KIT**
IT ALLOWS THE FUNCTIONING OF THE HYDRAULIC OPENING/CLOSING OF THE ANTERIOR FLAP ON SINGLE HYDRAULIC LINE MACHINES. CONTROL KIT WITH MAGNETS TO EASILY PUT IT INSIDE THE CAB.

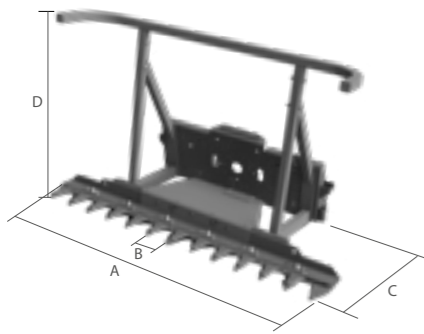
FRONT SHARP-CUT BRANCH CUTTER BAR



HB450



SUITABLE FOR THE TREE PRUNING UP TO 100 MM (3,9 IN). IT DOES NOT HARM THE PLANT, BECAUSE IT CUTS SHARPLY AND PRECISELY WITHOUT UPROOTING THE BRANCH. THE BAR'S BLADES IN HB450 GRANT RESISTANCE AND EXTENDED USEFUL LIFE.



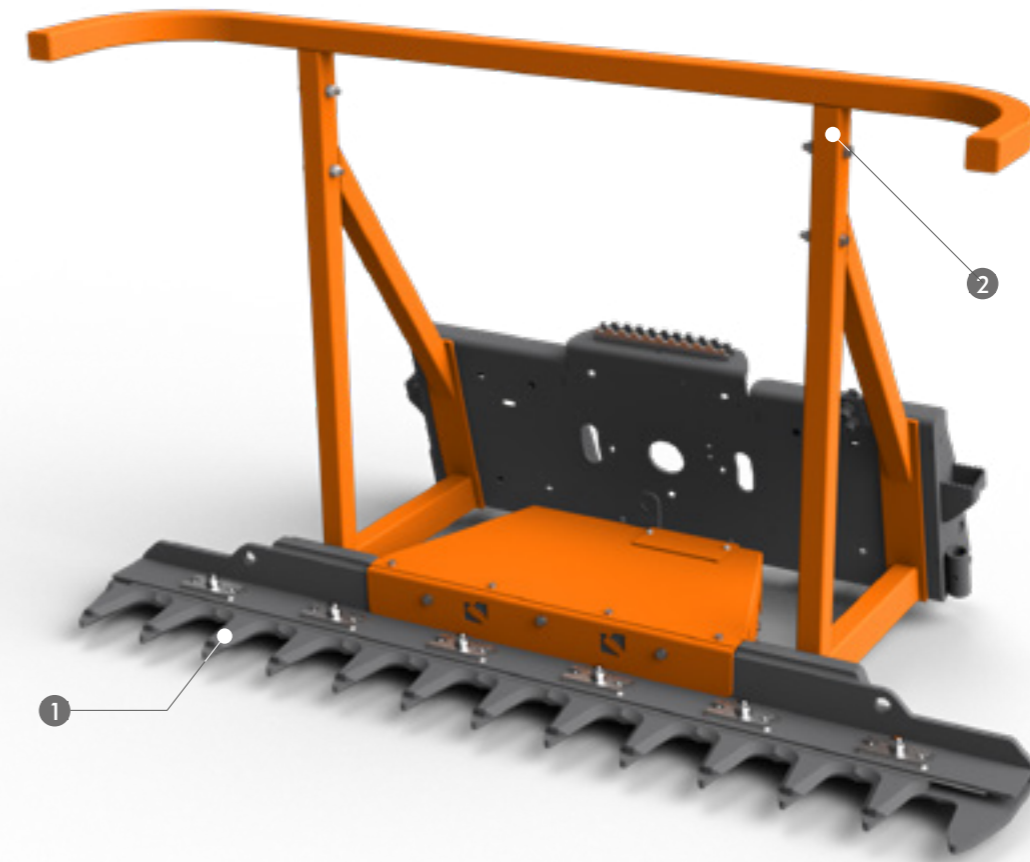
| | MOD. | BTCF 50-150 | | BTCF 100-190 | | BTCF 100-220 | |
|----------|---------------------|-------------|--------|--------------|--------|--------------|--------|
| A | MM (IN) | 1500 | (59) | 1900 | (75) | 2200 | (86,6) |
| B | MM (IN) | 50 | (2) | 100 | (3,9) | 100 | (3,9) |
| C | MM (IN) | 670 | (26,4) | 810 | (31,8) | 810 | (31,8) |
| D | MM (IN) | 130 | (5,1) | 155 | (6,6) | 155 | (6,6) |
| | KG (LB) | 175 | (386) | 260 | (574) | 285 | (629) |
| | MAX BAR (PSI) | 250 | (3626) | 250 | (3626) | 250 | (3626) |
| | MIN L/MIN (GAL/MIN) | 40 | (11) | 50 | (11) | 50 | (11) |
| | MAX L/MIN (GAL/MIN) | 90 | (23,7) | 90 | (23,7) | 90 | (23,7) |



MAX BAR (PSI)

MIN L/MIN (GAL/MIN)

MAX L/MIN (GAL/MIN)



STANDARD TECHNICAL FEATURES

1 HB450 BLADE
HB450 BLADES FOR A HIGHER RESISTANCE TO WEAR.

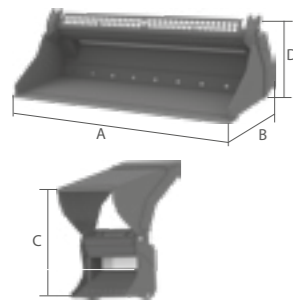
2 FRONT PROTECTION FRAME
THE ADJUSTABLE PROTECTION FRAME ENSURES THAT THE PLANT FALLS AWAY FROM THE OPERATOR.

OPTIONAL

3 ARTICULATED LOADERS HITCH

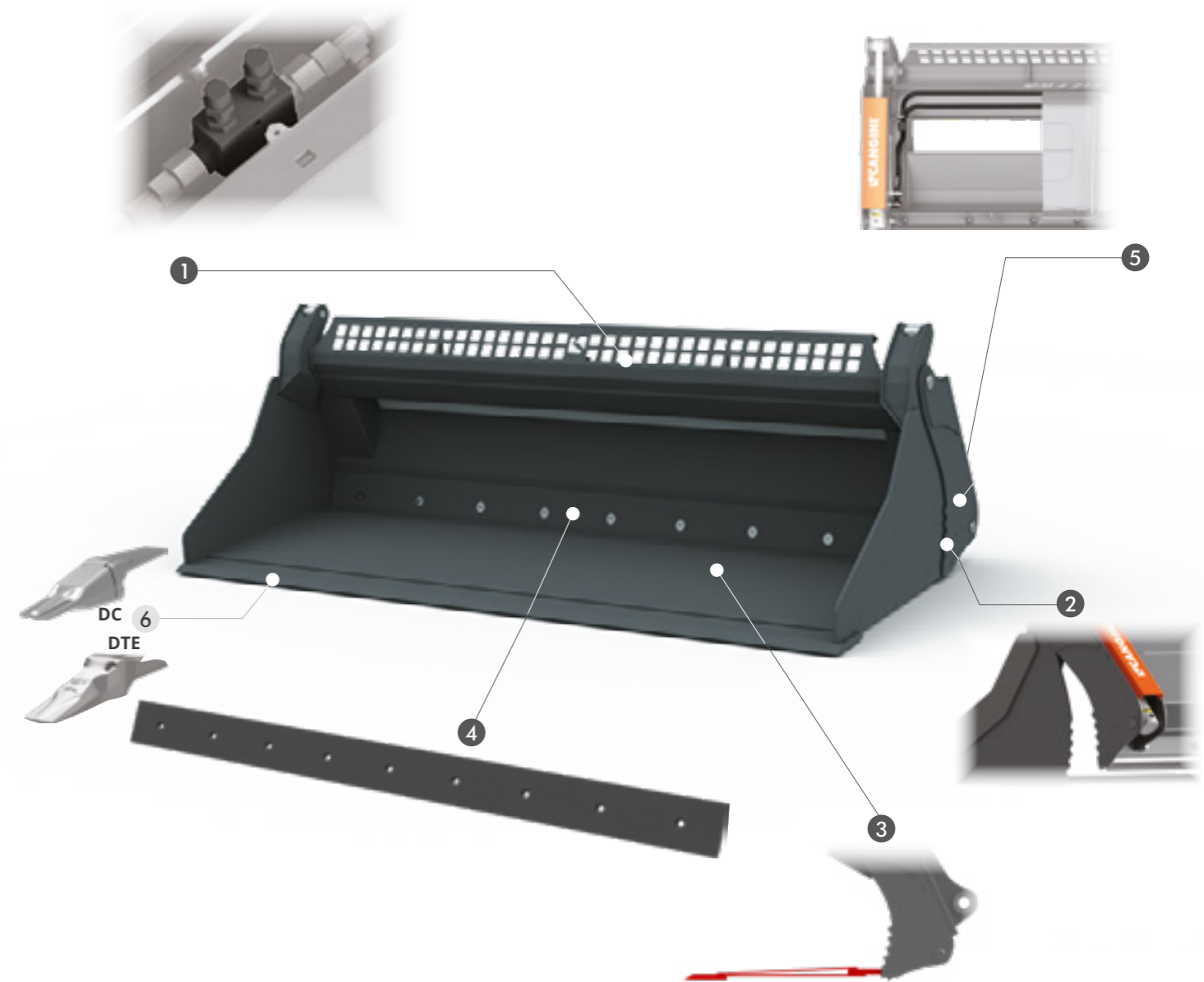


SUITABLE FOR LOADING, UNLOADING AND HANDLING OPERATIONS. THANKS TO ITS HYDRAULIC OPENING IT IS SUITABLE ALSO FOR VARIOUS MATERIAL GRABBING, WASTE DISCHARGE CONTROL AND GROUND LEVELLING.



| | MOD. | M4-102 | M4-110 | M4-125 | M4-140 | M4-152 | M4-170 | M4-188 | M4-200 | M4-215 |
|-------------|---------|-----------|------------|------------|------------|-------------|-------------|-------------|-------------|-------------|
| A | MM (IN) | 1020 (40) | 1100 (43) | 1250 (49) | 1400 (55) | 1520 (60) | 1700 (67) | 1880 (74) | 2000 (79) | 2150 (85) |
| B | MM (IN) | 850 (33) | 850 (33) | 850 (33) | 850 (33) | 850 (33) | 950 (37) | 950 (37) | 950 (37) | 950 (37) |
| C | MM (IN) | 500 (20) | 500 (20) | 500 (20) | 500 (20) | 500 (20) | 550 (22) | 550 (22) | 550 (22) | 550 (22) |
| D | MM (IN) | 650 (26) | 650 (26) | 650 (26) | 650 (26) | 650 (26) | 700 (28) | 700 (28) | 700 (28) | 700 (28) |
| W/O COUPLER | KG (LB) | 240 (529) | 250 (551) | 265 (584) | 285 (628) | 300 (661) | 370 (816) | 390 (860) | 410 (904) | 440 (970) |
| SAE CAP. | L (GAL) | 265 (70) | 290 (76,6) | 330 (87,2) | 375 (99,1) | 410 (108,3) | 490 (129,4) | 550 (145,3) | 580 (153,2) | 630 (166,4) |

| | | M4-102 | M4-110 | M4-125 | M4-140 | M4-152 | M4-170 | M4-188 | M4-200 | M4-215 |
|--------------------|--|-----------------|-----------------|-----------------|-----------------|-----------------|-----------------|-----------------|-----------------|-----------------|
| N. | | 5 | 5 | 6 | 6 | 6 | 7 | 7 | 8 | 8 |
| 6 DC TEETH | | DC 1 (KG 1,4) | DC 1 (KG 1,4) | DC 1 (KG 1,4) | DC 1 (KG 1,4) | DC 1 (KG 1,4) | DC 1 (KG 1,4) | DC 1 (KG 1,4) | DC 1 (KG 1,4) | DC 1 (KG 1,4) |
| 6 DTE TEETH | | DTE 13 (KG 1,7) | DTE 13 (KG 1,7) | DTE 13 (KG 1,7) | DTE 13 (KG 1,7) | DTE 13 (KG 1,7) | DTE 13 (KG 1,7) | DTE 13 (KG 1,7) | DTE 13 (KG 1,7) | DTE 13 (KG 1,7) |



STANDARD TECHNICAL FEATURES

- SAFETY CHECK-VALVE**
IT ALLOWS TO KEEP THE TOOL SAFE EVEN IN CASE OF DAMAGE OF THE PIPES OR PRESSURE LOSS IN THE SYSTEM.
- SIDE TOOTHING**
ITS PROFILE ENABLES TO KEEP THE GRABBED MATERIAL.
- HB400 REINFORCEMENT STRIPES AND CUTTING EDGE**
THEY GRANT HIGH RESISTANCE AGAINST DEFORMATION OF THE MORE STRESSED PARTS.
- INTERCHANGEABLE BOLTED BLADE.**
- HYDRAULIC SYSTEM INTEGRATED INTO THE BODY**
IT'S INTEGRATED INTO THE BODY THUS PROTECTING PIPES FROM DAMAGES DURING THE WORKING PHASE.

OPTIONAL

- DC TEETH DTE TEETH**



FRONT PALLET FORK FOR SKID, WHEEL, TELESCOPIC AND BACKHOE LOADERS. EQUIPPED WITH A SAFETY SYSTEM TO AVOID THE TILTING OF LOADS DURING ITS USE.

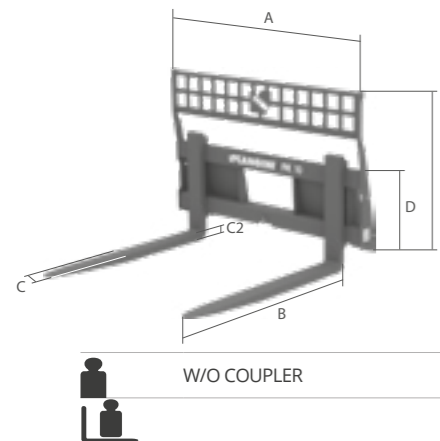


STANDARD TECHNICAL FEATURES

- 1 PROTECTION FRAME**
IT PROTECTS THE OPERATOR, AVOIDING THE FALLING OF THE HANDLED MATERIAL INSIDE THE SKID LOADER'S CAB

OPTIONAL

- 2 COUPLING SYSTEM FOR WHEEL LOADERS, BACKHOE LOADERS AND TELESCOPICS**



| | MOD. | FK10S | FK10 | FK15 | FK18 | FK25 |
|--------------|---------|-------------|-------------|-------------|-------------|-------------|
| A | MM (IN) | 1150 (45) | 1150 (45) | 1150 (45) | 1350 (53) | 1350 (53) |
| B | MM (IN) | 1000 (39) | 1200 (47) | 1200 (47) | 1200 (47) | 1200 (47) |
| C | MM (IN) | 80 (3,1) | 80 (3,1) | 100 (3,9) | 100 (3,9) | 100 (3,9) |
| C2 | MM (IN) | 30 (1,2) | 30 (1,2) | 35 (1,4) | 35 (1,4) | 40 (1,6) |
| D | MM (IN) | 405 (16) | 405 (16) | 405 (16) | 405 (16) | 405 (16) |
| E | MM (IN) | 620 (32) | 620 (32) | 620 (32) | 620 (32) | 620 (32) |
| W/O COUPLER | KG (LB) | 170 (265) | 182 (276) | 210 (364) | 230 (397) | 240 (430) |
| WITH COUPLER | KG (LB) | 1000 (2205) | 1000 (2205) | 1500 (3307) | 1800 (3968) | 2500 (5512) |

MIXING BUCKET SAFE DISCHARGE



PATENTED

HB400



GEARBOX TRANSMISSION DELIVERS HIGH PERFORMANCE AND DOES NOT REQUIRE CONTINUOUS MAINTENANCE INTERVENTIONS. THE USE OF DUAL CROSS RELIEF AND FLOW DIVIDER VALVES GRANTS EFFECTIVENESS AND RELIABILITY EVEN IN THE MOST DIFFICULT WORK CONDITIONS.



STANDARD TECHNICAL FEATURES

1 SAFE LOCKING/DISCHARGE (PATENTED)

THE OPERATOR LOCKS THE DISCHARGE PIPE FROM THE BUCKET'S SIDE IN THE SAFEST WORK CONDITION.

2 CONTROL ROD FOR THE DISCHARGE PIPE

IT ENABLES THE PIPE'S DISPLACEMENT FOR THE SIDE POURING.

3 FIXING SYSTEM FOR THE DISCHARGE PIPE

IT ALLOWS TO FIX THE PIPE IN ITS POSITION OF SIDE DISCHARGE.

4 SAFE AUGER IN HB400

WHEN THE GRID IS OPENED AN AUTOMATIC SYSTEM STOPS THE AUGER'S ROTATING MOVEMENT.

5 AUGER REMOVAL

THE BUCKET'S BODY HAS BEEN DESIGNED IN A SUCH WAY THAT THE ENTIRE AUGER CAN BE REMOVED THUS MAKING THE MAINTENANCE OPERATION EASIER.

6 GERMOTOR

IT GUARANTEES HIGH PERFORMANCES TO THE ENTIRE SYSTEM.

7 ELECTRIC KIT

IT ALLOWS THE CONTROL BOTH OF THE MIXING AND THE DISCHARGE OPERATIONS FROM THE CAB.



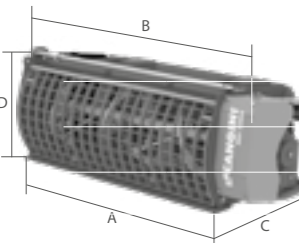
OPTIONAL

8 ARTICULATED LOADERS, BACKHOE LOADERS AND TELESCOPIC HANDLERS HITCH

IT'S POSSIBLE TO ADD THE HITCH FOR ARTICULATED LOADERS, BACKHOE LOADERS AND TELESCOPIC HANDLERS TO THE SKID LOADER HITCH PROVIDED WITH THE STANDARD EQUIPMENT.

9 FLOWRATE REDUCERS

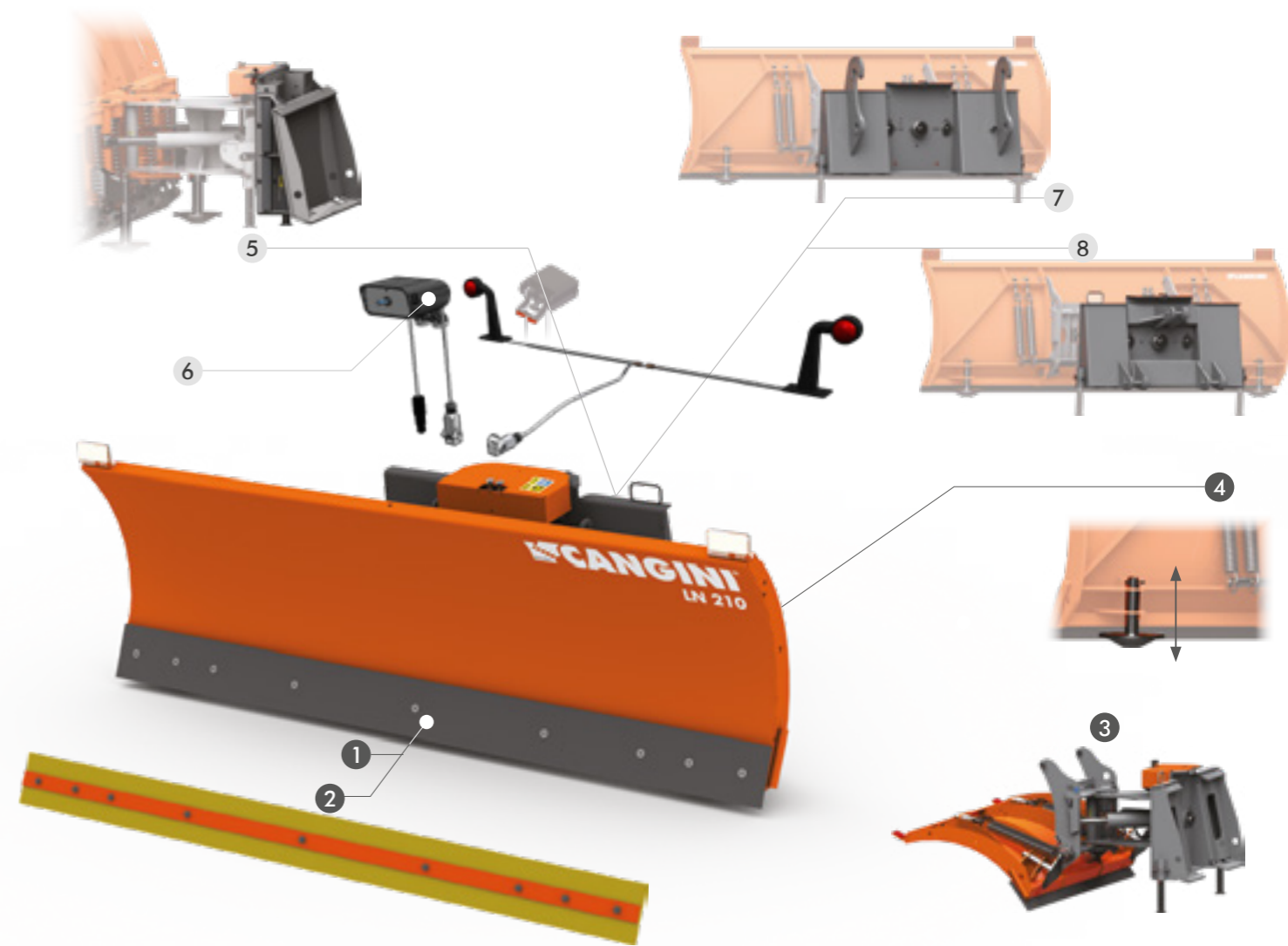
ADVISED FOR MACHINES WITH OILFLOW HIGHER THAN 70 L/MIN



| | MOD. | MIX 150SF | MIX 200SF | MIX 250SF | MIX 350SF | MIX 450SF | MIX 600SF | MIX 800SF | MIX 1000SF | MIX 1200SF |
|------------------|-----------------|------------|------------|------------|-------------|-------------|-------------|-------------|--------------|-------------|
| A MM (IN) | | 1000 (39) | 1100 (43) | 1350 (53) | 1350 (53) | 1670 (66) | 1750 (69) | 1830 (72) | 2000 (79) | 2000 (79) |
| B MM (IN) | | 1258 (50) | 1370 (54) | 1620 (64) | 1630 (64) | 1946 (77) | 2018 (79) | 2220 (87) | 2420 (95) | 2420 (95) |
| C MM (IN) | | 620 (24) | 650 (26) | 650 (26) | 720 (28) | 720 (28) | 835 (33) | 910 (36) | 990 (39) | 1100 (43) |
| D MM (IN) | | 530 (21) | 580 (23) | 610 (24) | 680 (27) | 680 (27) | 800 (31) | 840 (33) | 910 (36) | 980 (39) |
| W/O COUPLER | KG (LB) | 225 (496) | 280 (612) | 320 (705) | 370 (816) | 425 (937) | 525 (1158) | 675 (1488) | 850 (1874) | 920 (2029) |
| W/O COUPLER | KG (LB) | 570 (1257) | 740 (1631) | 895 (1973) | 1175 (2590) | 1460 (3219) | 1905 (4200) | 2515 (5545) | 3150 (6944) | 3680 (8119) |
| L (GAL) | | 150 (39,6) | 200 (52,8) | 250 (66) | 350 (92,5) | 450 (118,9) | 600 (158,5) | 800 (211,3) | 1000 (264,2) | 1200 (317) |
| DISCHARGE PIPE | MM (IN) | 180 (7) | 210 (8) | 210 (8) | 210 (8) | 210 (8) | 210 (8) | 210 (8) | 210 (8) | 210 (8) |
| MAX | L/MIN (GAL/MIN) | 70 (19) | 70 (19) | 70 (19) | 70 (19) | 70 (19) | 70 (19) | 70 (19) | 70 (19) | 100 (26) |
| MAX | BAR (PSI) | 200 (2901) | 200 (2901) | 200 (2901) | 200 (2901) | 200 (2901) | 200 (2901) | 200 (2901) | 200 (2901) | 200 (2901) |



EQUIPPED WITH ANTI-SHOCK VALVES. HYDRAULIC ANGLE ADJUSTMENT OF $\pm 30^\circ$, SELF-LEVELLING TO THE ROAD OF $\pm 10^\circ$ AND ADJUSTABLE SHOES. ENTIRE MOLDBOARD OVERTURNING IN CASE OF COLLISION AND SPRING RETURN.

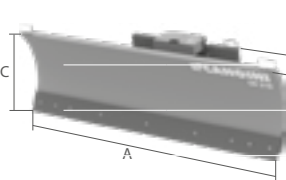


STANDARD TECHNICAL FEATURES

- 1 INTERCHANGEABLE REVERSIBLE BLADE.**
BOLTED-IN REVERSIBLE HB400 BLADE.
- 2 POLYURETHANE BLADE**
SUITABLE FOR SURFACES THAT OTHERWISE MIGHT BE DAMAGED.
- 3 MOLDBOARD OVERTURNING AND SPRING RETURN**
IN CASE OF A SHOCK THE ENTIRE MOLDBOARD OVERTURNS THUS ALLOWING TO OVERCOME THE OBSTACLE.
- 4 ADJUSTABLE SHOES**
THE HEIGHT BETWEEN THE BLADE AND THE GROUND SURFACE CAN BE ADJUSTED.

OPTIONAL

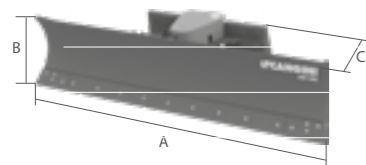
- 5 COMPACT FLOATING SYSTEM**
IT ENABLES THE BLADE TO FOLLOW THE FEATHER-EDGE WITHOUT MANUAL ADJUSTMENT OF ITS POSITION.
- 6 OVERALL BLADE WIDTH LIGHT KIT**
THE SIDE DIMENSIONS OF THE BLADE ARE VISUALLY PERCEIVED.
- 7 COUPLING SYSTEM FOR WHEEL LOADERS, BACKHOE LOADERS AND TELESCOPICS**
- 8 3-POINT LINKAGE**



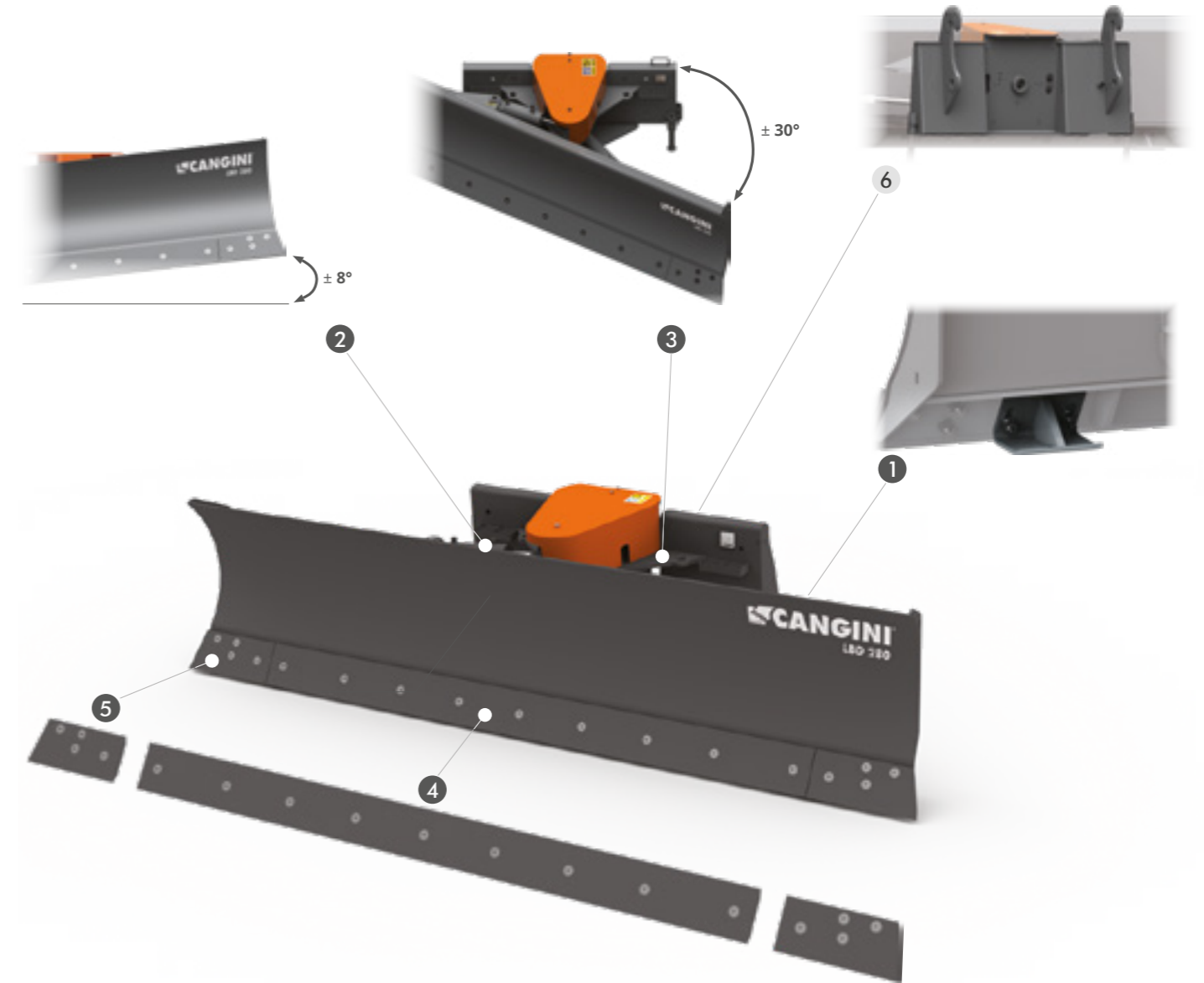
| MOD. | LN 130 | LN 160 | LN 185 | LN 210 | LN 250 | LN 250HD | LN 270HD | LN 290HD | LN 310HD |
|------------------|----------------------|------------|------------|------------|------------|------------|------------|------------|------------|
| A MM (IN) | 700 (28) | 700 (28) | 700 (28) | 700 (28) | 700 (28) | 900 (35) | 900 (35) | 900 (35) | 900 (35) |
| B MM (IN) | 810 (32) | 810 (32) | 810 (32) | 810 (32) | 810 (32) | 740 (29) | 740 (29) | 740 (29) | 740 (29) |
| C MM (IN) | 1305 (51) | 1605 (63) | 1855 (73) | 2105 (83) | 2505 (99) | 2505 (99) | 2705 (106) | 2905 (114) | 3105 (122) |
| WIDTH AT 15° | MM (IN) 1125 (44) | 1385 (55) | 1605 (63) | 1820 (72) | 2165 (85) | 2165 (85) | 2350 (93) | 2510 (99) | 2690 (106) |
| W/O COUPLER | KG (LB) 285 (628) | 300 (661) | 315 (694) | 330 (728) | 355 (783) | 665 (1466) | 685 (1510) | 700 (1543) | 720 (1587) |
| MAX. | BAR (PSI) 180 (2611) | 180 (2611) | 180 (2611) | 180 (2611) | 180 (2611) | 180 (2611) | 180 (2611) | 180 (2611) | 180 (2611) |



THE DOZER BLADE IS PARTICULARLY SUITABLE FOR DIGGING, GROUND LEVELLING AND LAYING OF LANDFILL MATERIALS. ITS STRUCTURE IS EXTREMELY STRONG AND CONCEIVED TO RESIST HIGH STRESSES. IT IS EQUIPPED WITH A HORIZONTAL PLANE TILTING SYSTEM CALLED TILT AND WITH A SIDE TILTING SYSTEM CALLED ANGLE. TWO SKID SHOES ON THE MOLDBOARD ALLOW THE ADJUSTMENT OF THE BLADE SINKING INTO THE GROUND.



| | MOD. | LBD230 | | LBD250 | | LBD280 | |
|-----------------------|-----------|------------|------------|------------|--|--------|--|
| A | MM (IN) | 2300 (91) | 2500 (98) | 2800 (110) | | | |
| B | MM (IN) | 640 (25) | 640 (25) | 640 (25) | | | |
| C | MM (IN) | 800 (31) | 800 (31) | 800 (31) | | | |
| WIDTH AT 30° | MM (IN) | 2000 (79) | 2170 (85) | 2420 (95) | | | |
| kg W/O COUPLER | KG (LB) | 420 (926) | 460 (1014) | 500 (1102) | | | |
| MAX. | BAR (PSI) | 200 (2901) | 200 (2901) | 200 (2901) | | | |



STANDARD TECHNICAL FEATURES

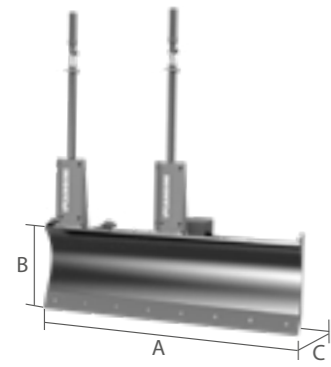
- 1 ADJUSTABLE SHOES**
THEY ALLOW TO ADJUST THE BLADE PENETRATION INTO THE SOIL.
- 2 TILT HORIZONTAL HYDRAULIC TILTING ADJUSTMENT OF ± 8°**
HYDRAULIC ADJUSTMENT UP TO MAX. ± 8° OF THE BLADE VERTICAL TILTING ANGLE ON BOTH SIDES.
- 3 ANGLE SIDE HYDRAULIC TILTING ADJUSTMENT OF ± 30°**
HYDRAULIC ADJUSTMENT UP TO MAX. ± 30° OF THE BLADE HORIZONTAL TILTING ANGLE ON BOTH SIDES.
- 4 REVERSIBLE AND INTERCHANGEABLE CENTRAL BLADE IN HB400**
- 5 INTERCHANGEABLE ANGLE BLADES IN HB400**

OPTIONAL

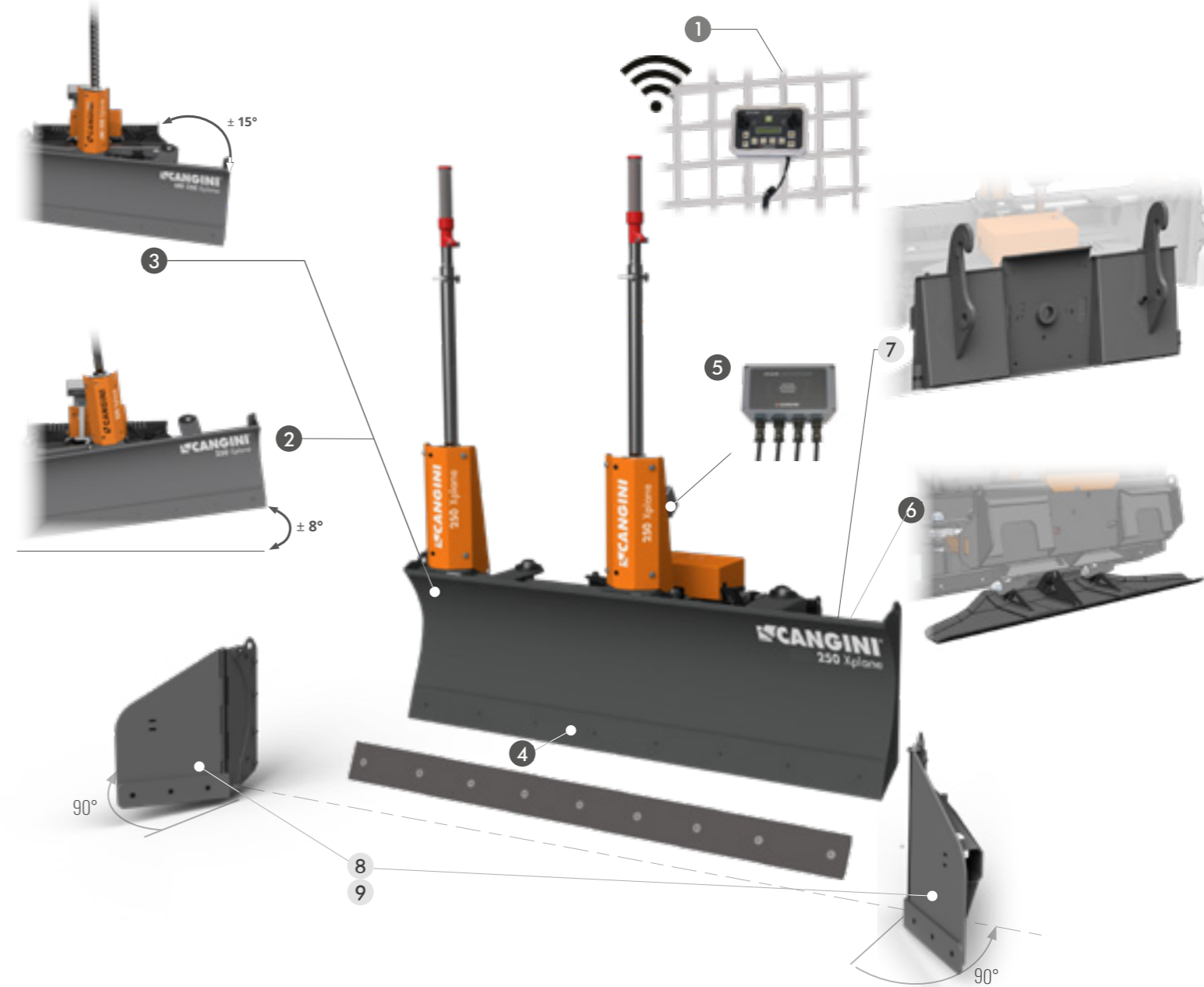
- 6 COUPLING SYSTEM FOR WHEEL LOADERS, BACKHOE LOADERS AND TELESCOPICS**



THE LASER DOZER SYSTEM CAN RELY ON THE SAME CHARACTERISTICS OF VERSATILITY AND RESISTANCE AS THE STANDARD DOZER BLADE, BUT IT ALSO ALLOWS CREATING A PLANE THANKS TO A DOUBLE-SLOPE LASER TRANSMITTER. TAKING ITS EFFECT DIRECTLY ON THE ELECTRO-PROPORTIONAL DISTRIBUTOR, THE TRANSMITTER DRIVES THE BLADE. THE OPERATOR'S TERMINAL INSIDE THE CAB CONVEYS THE CONTROLS TO THE CONTROL BOX BY WIRELESS COMMUNICATION. THIS ALLOWS TO CLOSE THE CAB AVOIDING CABLE OBSTACLE.



| | MOD. | DOZER230 XPLANE LASER | DOZER250 XPLANE LASER | DOZER280 XPLANE LASER |
|--------------|-----------|-----------------------|-----------------------|-----------------------|
| A | MM (IN) | 2300 (90,5) | 2500 (98,4) | 2800 (110,2) |
| B | MM (IN) | 720 (28,3) | 720 (28,3) | 720 (28,3) |
| C | MM (IN) | 870 (34,2) | 870 (34,2) | 870 (34,2) |
| WIDTH AT 15° | MM (IN) | 2200 (86,6) | 2400 (94,4) | 2700 (106,3) |
| W/O COUPLER | KG (LB) | 695 (1532,2) | 717 (1580,7) | 736 (1622,6) |
| MAX. | BAR (PSI) | 220 (3190,8) | 220 (3190,8) | 220 (3190,8) |



STANDARD TECHNICAL FEATURES

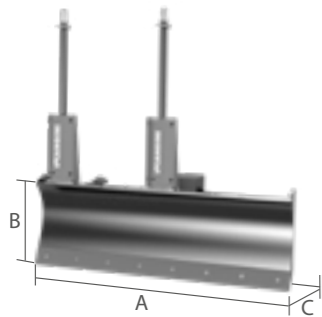
- 1 WIRELESS OPERATOR'S TERMINAL**
IT ALLOWS TO CONTROL THE BLADE IN ALL ITS FUNCTIONS DIRECTLY FROM THE CAB.
- 2 TILT HORIZONTAL HYDRAULIC TILTING ADJUSTMENT OF ± 8°**
HYDRAULIC ADJUSTMENT UP TO MAX. ± 8° OF THE BLADE VERTICAL TILTING ANGLE ON BOTH SIDES.
- 3 ANGLE SIDE HYDRAULIC TILTING ADJUSTMENT OF ± 15°**
HYDRAULIC ADJUSTMENT UP TO MAX. ± 15° OF THE BLADE HORIZONTAL TILTING ANGLE ON BOTH SIDES.
- 4 REVERSIBLE AND INTERCHANGEABLE CENTRAL CUTTING EDGE IN HB400**
- 5 CONTROL BOX**
IT ALLOWS THE CONSTANT VIEW THE BLADE POSITIONING WITH RESPECT TO THE LASER SIGNAL AND INDICATES THE ADJUSTMENTS MANUALLY OR AUTOMATICALLY OPERATED.
- 6 STABILIZING SKID**
IT REDUCES CONSIDERABLY THE MACHINE'S PITCHING, IMPROVING THE FINISHING OF THE LEVELLED SURFACE.

OPTIONAL

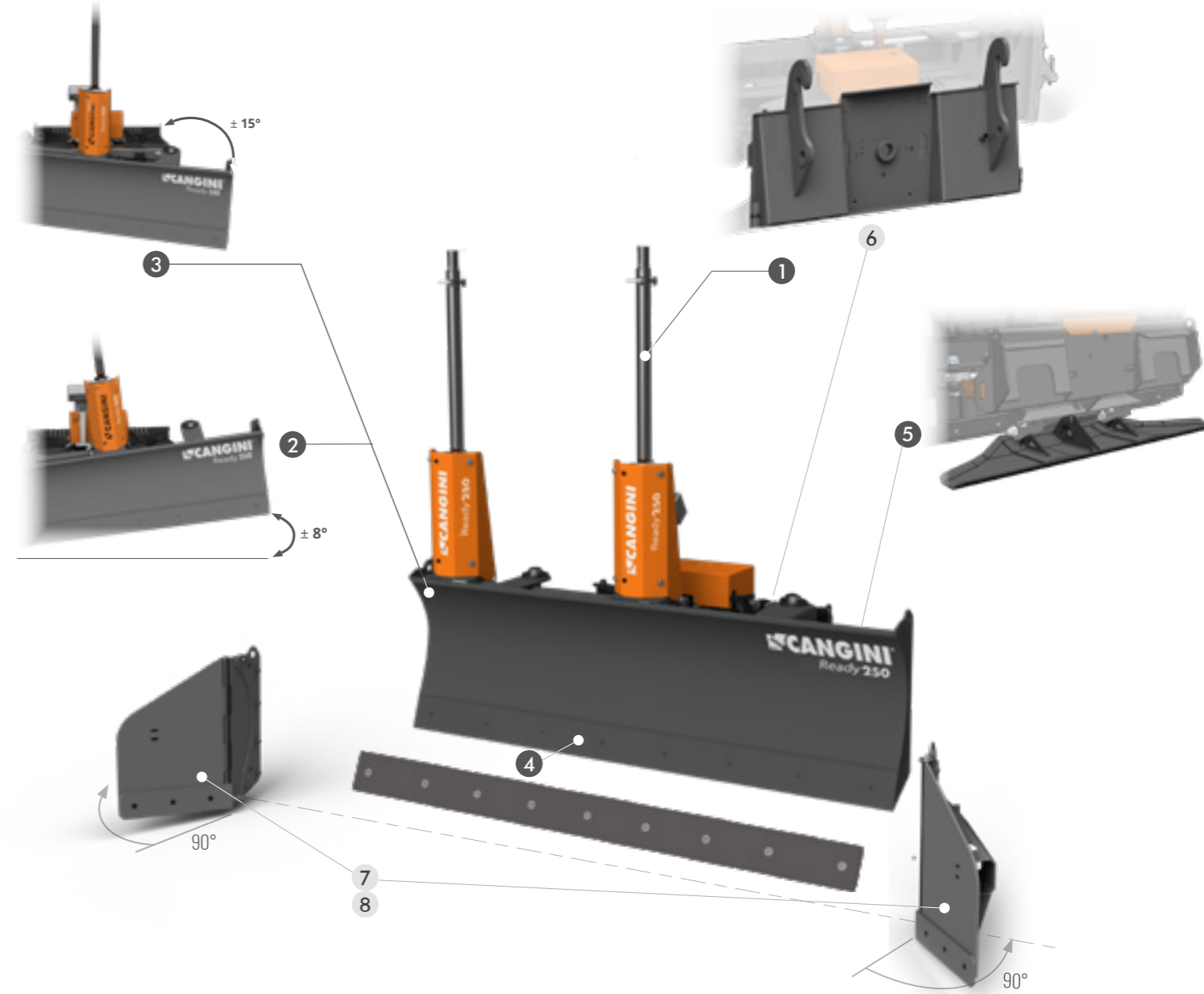
- 7 ARTICULATED LOADERS HITCH**
- 8 MECHANICAL ADDITIONAL SIDES**
- 9 HYDRAULIC ADDITIONAL SIDES**



THE READY LASER DOZER BLADE IS THE IDEAL TOOL FOR THE DIGGING, GROUND LEVELLING AND LAYING OF LANDFILL MATERIALS. ITS STRUCTURE IS EXTREMELY STRONG AND CONCEIVED TO WITHSTAND HIGH STRESSES. IT IS EQUIPPED WITH A TILT TILTING ADJUSTMENT TO THE HORIZONTAL PLANE AND WITH A SIDE TILTING SYSTEM CALLED ANGLE. THIS BLADE ALLOWS TO USE **DIFFERENT AUTO-LEVELING LASER SYSTEMS**. .
EQUIPPED AS A STANDARD WITH: PROPORTIONAL DISTRIBUTOR, TWO HEIGHT-ADJUSTABLE POLES FOR THE POSITIONING OF THE RECEIVERS, HYDRAULIC SYSTEM WITH FLAT-FACED QUICK COUPLINGS.



| | MOD. | READY 230 | READY 250 | READY 280 |
|--------------|-----------|------------|------------|------------|
| A | MM (IN) | 2300 (91) | 2500 (98) | 2800 (110) |
| B | MM (IN) | 640 (25) | 640 (25) | 640 (25) |
| C | MM (IN) | 900 (35) | 900 (35) | 900 (35) |
| WIDTH AT 30° | MM (IN) | 2000 (79) | 2400 (94) | 2420 (95) |
| W/O COUPLER | KG (LB) | 735 (1620) | 755 (1664) | 785 (1731) |
| MAX. | BAR (PSI) | 200 (2901) | 200 (2901) | 200 (2901) |



STANDARD TECHNICAL FEATURES

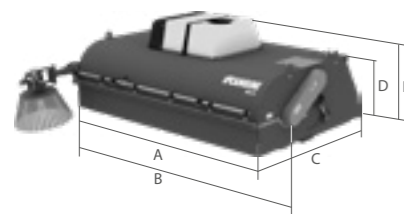
- HEIGHT-ADJUSTABLE POLES FOR THE POSITIONING OF THE RECEIVERS**
THE POLES ARE SPECIALLY DESIGNED FOR LASER-SYSTEM INSTALLING.
- TILT HORIZONTAL HYDRAULIC TILTING ADJUSTMENT OF ± 8°**
HYDRAULIC ADJUSTMENT UP TO MAX. ± 8° OF THE BLADE VERTICAL TILTING ANGLE ON BOTH SIDES.
- ANGLE SIDE HYDRAULIC TILTING ADJUSTMENT OF ± 30°**
HYDRAULIC ADJUSTMENT UP TO MAX. ± 30° OF THE BLADE HORIZONTAL TILTING ANGLE ON BOTH SIDES.
- REVERSIBLE AND INTERCHANGEABLE CENTRAL CUTTING EDGE IN HB400**
- STABILIZING SKID**
IT REDUCES CONSIDERABLY THE MACHINE'S PITCHING, IMPROVING THE FINISHING OF THE LEVELLED SURFACE.

OPTIONAL

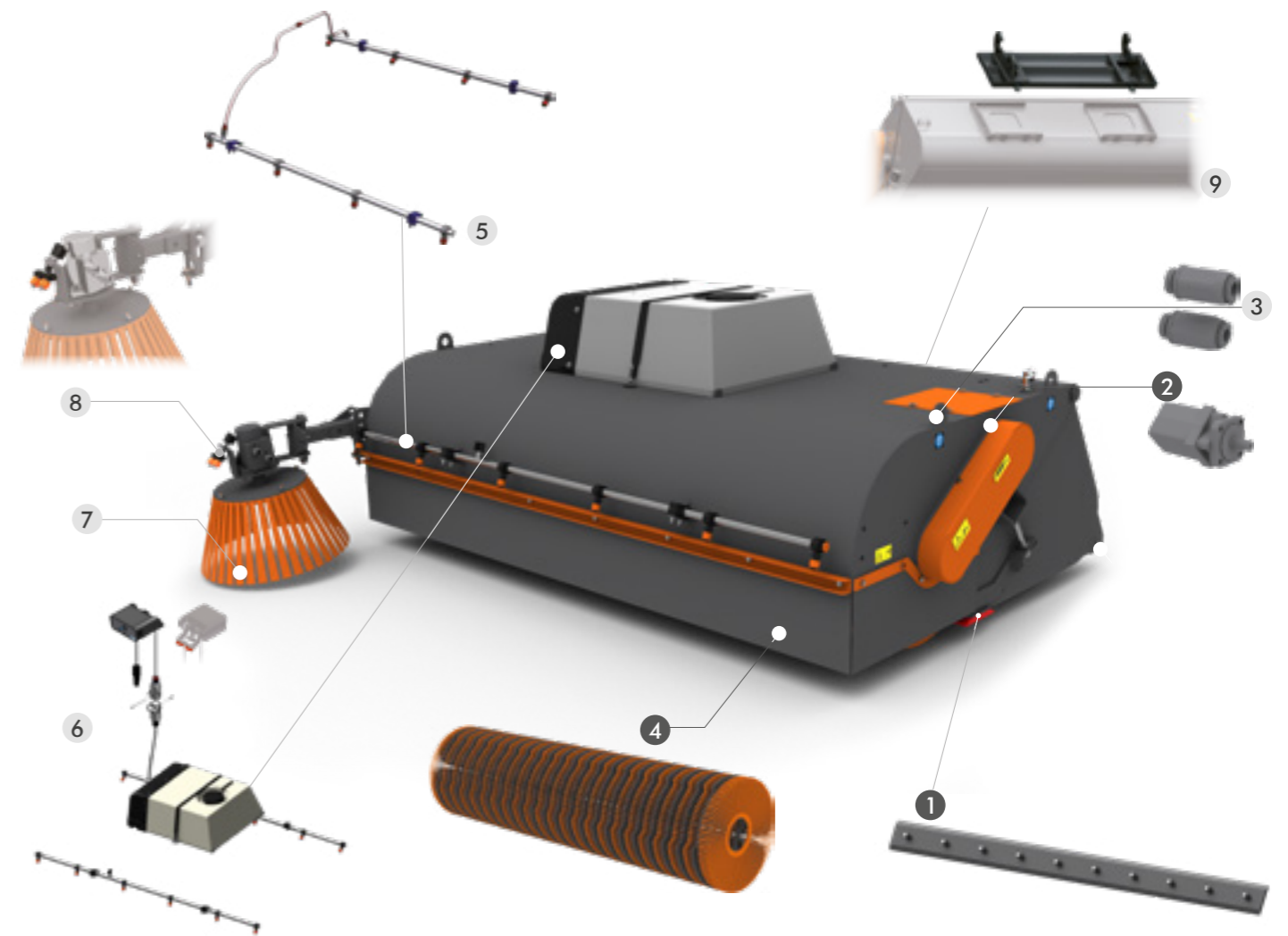
- ARTICULATED LOADERS HITCH**
- MECHANICAL ADDITIONAL SIDES**
- HYDRAULIC ADDITIONAL SIDES**



PARTICULARLY SUITABLE FOR HEAVY WORKS. IT IS EQUIPPED WITH A WASTE COLLECTION TANK WITH REVERSIBLE AND AND WITH BOLT-ON REVERSIBLE CUTTING EDGE. SWEEPING ROLL ADJUSTABLE HEIGHT.



| | MOD. | SPZ120 | SPZ140 | SPZ160 | SPZ180 | SPZ210 | SPZ230 |
|-------------|-----------------|-----------|-------------|-------------|-------------|-------------|-------------|
| A | MM (IN) | 1200 (48) | 1400 (55) | 1600 (63) | 1800 (71) | 2100 (83) | 2300 (91) |
| B | MM (IN) | 1320 (52) | 1550 (61) | 1750 (69) | 1950 (77) | 2250 (89) | 2450 (96) |
| C | MM (IN) | 930 (37) | 1390 (55) | 1390 (55) | 1390 (55) | 1390 (55) | 1390 (55) |
| D | MM (IN) | 475 (19) | 625 (25) | 625 (25) | 625 (25) | 625 (25) | 625 (25) |
| E | MM (IN) | 600 (24) | 860 (34) | 860 (34) | 860 (34) | 860 (34) | 860 (34) |
| W/O COUPLER | KG (LB) | 190 (418) | 300 (661) | 330 (728) | 360 (794) | 415 (915) | 450 (992) |
| FULL-LOAD | L (GAL) | 80 (21) | 380 (100,4) | 440 (116,2) | 490 (129,4) | 570 (150,6) | 630 (166,4) |
| | MM (IN) | 450 (18) | 550 (22) | 550 (22) | 550 (22) | 550 (22) | 550 (22) |
| | N. | 24 + 2 | 28 + 2 | 32 + 2 | 37 + 2 | 43 + 2 | 48 + 2 |
| | L/MIN (GAL/MIN) | 50 (13) | 50 (13) | 50 (13) | 60 (16) | 70 (19) | 70 (19) |
| MAX | BAR (PSI) | 180 | 180 (2611) | 180 (2611) | 180 (2611) | 180 (2611) | 180 (2611) |



STANDARD TECHNICAL FEATURES

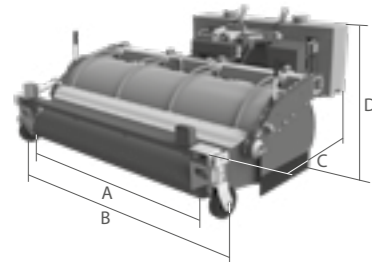
- 1 BOLT-ON REVERSIBLE HB400 CUTTING EDGE (SPZ120 EXCLUDED)**
- 2 ENGINE WITH SQUARE FLANGES AND DISK GEARBOX**

OPTIONAL

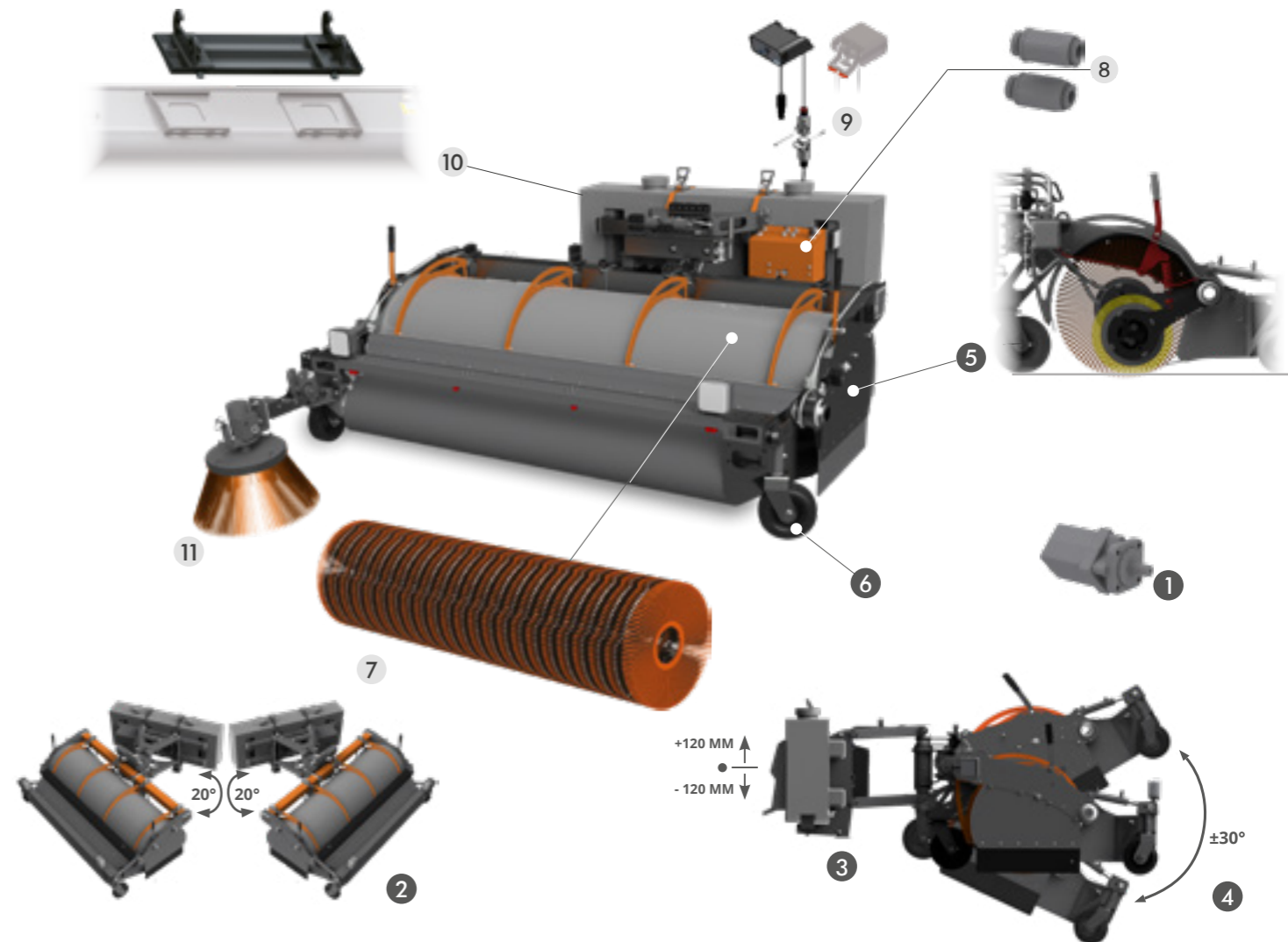
- 3 FLOWRATE REDUCERS**
MANDATORY ON HIGHFLOW MACHINES OR WITH OILRATE HIGHER THAN 70 L/MIN.
- 4 PPL + STEEL BRUSH**
FOR PARTICULARLY ABRASIVE SURFACES. (SPZ120 EXCLUDED).
- 5 INSIDE AND OUTSIDE SPRINKLERS**
THE KIT DOES NOT INCLUDE THE WATER TANK AND THE PRESSURE WATER PUMP. IT CAN BE EMPLOYED ONLY WHEN THE MACHINE ITSELF IS EQUIPPED WITH A WATER TANK. (ONLY EXTERNAL ON SPZ120)
- 6 DUST-CONTROL SYSTEM WITH TANK AND PUMP**
PRESSURIZED WATER SYSTEM WITH TANK FOR THE CONTROL OF DUSTS PRODUCED DURING THE WORKING CYCLE. SPRINKLERS ARE POSITIONED INSIDE AND OUTSIDE THE SWEEPER. (ONLY EXTERNAL ON SPZ120)
- 7 SIDE BRUSH (SPZ120 EXCLUDED)**
INDICATED FOR CURBS, WALLS AND SIDEWALKS CLEANING.
- 8 SPRINKLERS FOR SIDE BRUSH (SPZ120 EXCLUDED)**
- 9 HITCH FOR ARTICULATED LOADERS, BACKHOE LOADERS AND TELESCOPIC HANDLERS.**



IT IS PERFECT FOR THE MAINTENANCE AND CLEANING OF OPEN SURFACES, FLOORS, INDUSTRIAL HALLS AND STREETS THAT REQUIRE A HIGH-LEVEL CLEANING.



| | MOD. | EASY SWEEPY S160 | EASY SWEEPY S180 | EASY SWEEPY S210 | EASY SWEEPY S230 |
|-----------------------|--------------------|------------------|------------------|------------------|------------------|
| A | MM (IN) | 1750 (68,89) | 1950 (76,77) | 2250 (88,58) | 2450 (96,45) |
| B | MM (IN) | 2300 (90,55) | 2300 (90,55) | 2300 (90,55) | 2300 (90,55) |
| C | MM (IN) | 940 (37) | 940 (37) | 940 (37) | 940 (37) |
| WIDTH AT 20° | MM (IN) | 1500 (59,05) | 1690 (59,05) | 1970 (59,05) | 2160 (59,05) |
| kg W/O COUPLER | KG (LB) | 601 (1325) | 610 (1344) | 640 (1411) | 661 (1457,26) |
| MAX. | L (GAL) | 101 (26,68) | 114 (30,11) | 127 (33,54) | 140 (36,98) |
| | MM (IN) | 600 (23,62) | 600 (23,62) | 600 (23,62) | 600 (23,62) |
| | N. | 32 + 2 | 37 + 2 | 43 + 2 | 48 + 2 |
| MAX. | L/MIN (GAL/MIN) | 70 (18,49) | 70 (18,49) | 70 (18,49) | 70 (18,49) |
| MAX. | BAR (PSI) | 180 (2610,68) | 180 (2610,68) | 180 (2610,68) | 180 (2610,68) |



STANDARD

1 ENGINE WITH SQUARE FLANGES AND DISK GEARBOX

2 HYDRAULIC ANGLE $\pm 20^\circ$

IT ALLOWS TO VARY THE ANGLE OF INCLINATION UP TO A MAXIMUM OF 20 ° PER SIDE.

3 MECHANICAL FLOATING SYSTEM 240 MM

IT HELPS THE SWEEPER TO FOLLOW THE SOIL, IMPROVING THE QUALITY OF WORK. RECOMMENDED ON LONG WHEELBASE MACHINES LIKE LOADERS AND TELESCOPIC LOADERS.

4 JOINT FOR SLOPE CHANGE $\pm 30^\circ$

5 DRUM PRESSURE ADJUSTER LEVER.

6 PIVOTING WHEELS

OPTIONAL

7 PPL+STEEL BRUSH KIT

FOR PARTICULARLY ABRASIVE SURFACE

8 FLOWRATE REDUCERS

MANDATORY ON HIGHFLOW MACHINES OR WITH OILRATE HIGHER THAN 70 L/MIN.

9 DUST-CONTROL SYSTEM WITH TANK AND PUMP.

L'IMPIANTO ACQUA PRESSURIZZATO CON SERBATOIO E POMPA. PERMETTE DI ABBATTERE LE POLVERI GENERATE DURANTE LE LAVORAZIONI. IL NEBULIZZATORE È INSTALLATO ALL'ESTERNO DELLA BENNA.

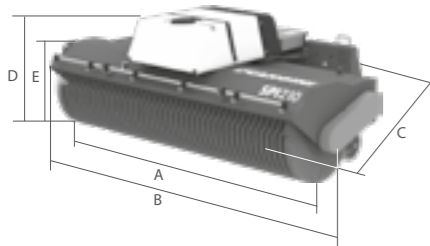
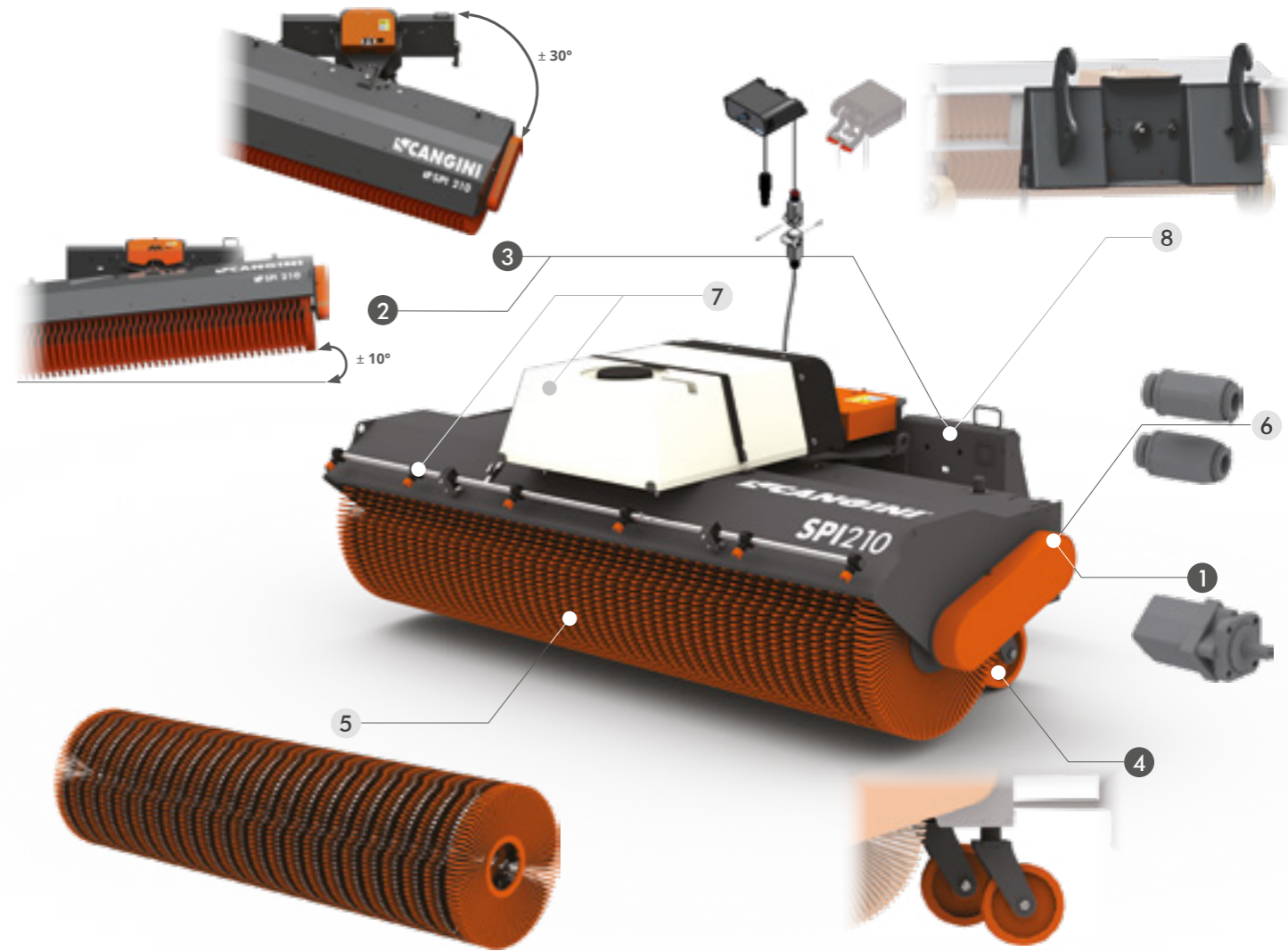
10 ARTICULATED LOADERS, BACKHOE LOADERS AND TELESCOPIC HANDLERS HITCH

11 SIDE BRUSH

INDICATED FOR CURBS, WALLS AND SIDEWALKS CLEANING.



IT IS MAINLY USED TO CLEAN SURFACES WHERE THE WASTE REMOVAL IS NOT REQUIRED. IT IS USED FOR THE SNOW REMOVAL IN OPEN AREAS AND STREETS. HORIZONTAL SELF-LEVELLING OF $\pm 10^\circ$. HYDRAULIC ANGLE ADJUSTMENT OF $\pm 30^\circ$. PIVOTING WHEELS WITH RUBBER TREADS.



| MOD. | SPI140 | SPI160 | SPI180 | SPI210 | SPI250 | |
|------------------|-----------------|------------|------------|------------|------------|------------|
| A MM (IN) | 1400 (55) | 1600 (63) | 1800 (71) | 2100 (83) | 2500 (98) | |
| B MM (IN) | 1400 (55) | 1400 (55) | 1400 (55) | 1400 (55) | 1400 (55) | |
| C MM (IN) | 600 (24) | 600 (24) | 600 (24) | 600 (24) | 600 (24) | |
| D MM (IN) | 800 (31) | 800 (31) | 800 (31) | 800 (31) | 800 (31) | |
| WIDTH AT 30° | MM (IN) | 1210 (48) | 1385 (55) | 1560 (61) | 1820 (72) | 2165 (85) |
| W/O COUPLER | KG (LB) | 315 (694) | 325 (716) | 335 (739) | 350 (772) | 370 (816) |
| | MM (IN) | 550 (22) | 550 (22) | 550 (22) | 550 (22) | 550 (22) |
| | N. | 28+2 | 32+2 | 36+2 | 43+2 | 54+2 |
| | L/MIN (GAL/MIN) | 50 (13) | 50 (13) | 70 (19) | 70 (19) | 70 (19) |
| MAX | BAR (PSI) | 180 (2611) | 180 (2611) | 180 (2611) | 180 (2611) | 180 (2611) |

STANDARD TECHNICAL FEATURES

- ENGINE WITH SQUARE FLANGES AND DISK GEARBOX**
- FLOWRATE REDUCERS**
- HORIZONTAL SELF-LEVELLING OF $\pm 10^\circ$**
SELF-LEVELLING OF THE HORIZONTAL PLANE OF $\pm 10^\circ$.
- HYDRAULIC ANGLE ADJUSTMENT OF $\pm 30^\circ$**
ADJUSTMENT OF THE TILTING ANGLE ON BOTH SIDES UP TO MAX. 30° .

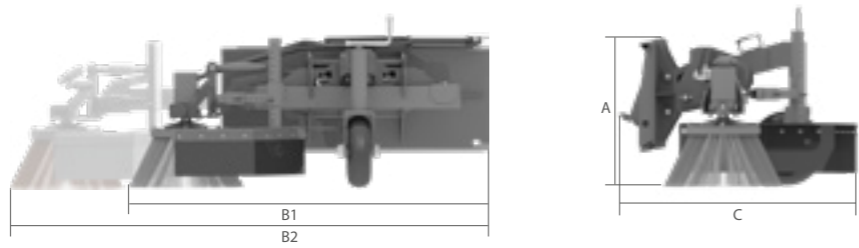
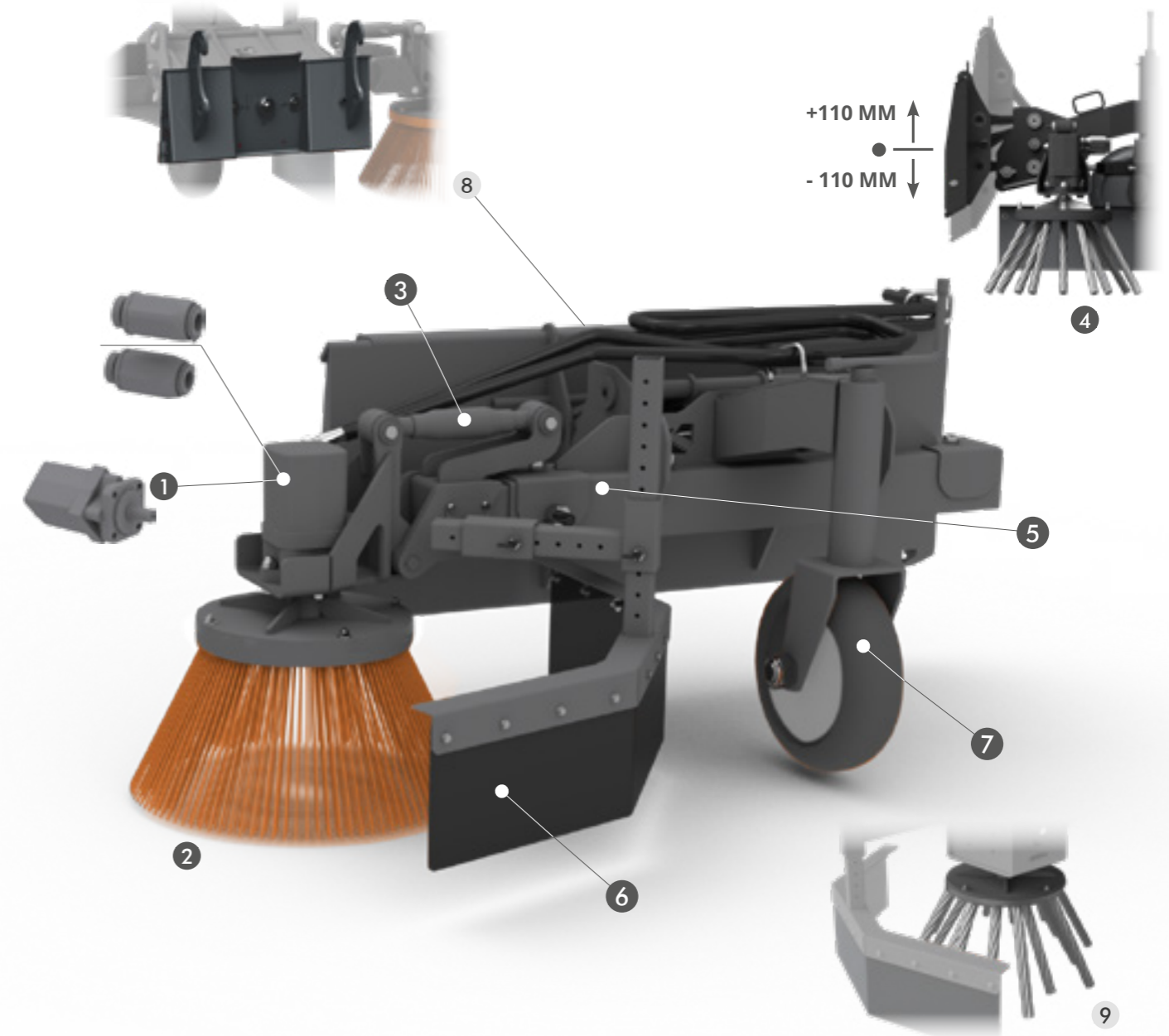
- PIVOTING WHEELS**

OPTIONAL

- PPL + STEEL BRUSH KIT**
RECOMMENDED FOR THE CLEANING OF PARTICULARLY ABRASIVE SURFACES.
- FLOWRATE REDUCERS**
MANDATORY ON HIGHFLOW MACHINES OR WITH OILRATE HIGHER THAN 70 L/MIN.
- DUST-CONTROL SYSTEM WITH TANK AND PUMP**
THE PRESSURIZED SPRINKLERS WITH TANK AND PUMP ALLOW TO SUPPRESS DUST DURING THE CLEANING. SPRINKLERS ARE INSTALLED OUTSIDE THE BUCKET.
- COUPLING SYSTEM FOR WHEEL LOADERS, BACKHOE LOADERS AND TELESCOPICS**



THE ALL DUSTER BRUSH FOR FRONTAL COUPLING CAN BE EASILY FITTED ON THE RIGHT OR LEFT SIDE, FOR THE SMOOTH CLEANING OF BOTH SIDES OF THE STREETS. JOINT AND FLOATING SYSTEM, ARE THE DEVICES THAT ALLOW IT TO FOLLOW THE GROUND PROFILE IN ANY CONDITION.



| | MOD. | ALL DUSTER F | |
|-----------------|----------------------|--------------|----------|
| A | MM (IN) | 700 | (27,5) |
| B1 | MM (IN) | 1600 | (63) |
| B2 | MM (IN) | 2100 | (82,6) |
| C | MM (IN) | 900 | (35,4) |
| FLOATING STROKE | MM (IN) | 220 | (8,6) |
| | KG (LB) | 156 | (343,9) |
| | MM (IN) | 500 | (19,6) |
| | MAX. L/MIN (GAL/MIN) | 70 | (18,4) |
| | MIN. L/MIN (GAL/MIN) | 40 | (10,5) |
| | MAX. BAR (PSI) | 200 | (2900,7) |

STANDARD TECHNICAL FEATURES

- 1 **ENGINE WITH SQUARE FLANGES AND DISK GEARBOX AND FLOW REGULATORS**
- 2 **PPL BRUSH Ø 500**
- 3 **MECHANICAL ANGLE ADJUSTMENT OF THE BRUSH**
- 4 **FLOATING SYSTEM AND JOINT 220 MM**
- 5 **TELESCOPIC BOOM**
- 6 **STONE DEFLECTOR**
- 7 **PIVOTING WHEEL, ADJUSTABLE IN HEIGHT**

OPTIONAL

- 8 **ARTICULATED LOADERS HITCH**
- 9 **STEEL BRUSH**
- 10 **FLOWRATE REDUCERS**

MANDATORY ON HIGHFLOW MACHINES OR WITH OILRATE HIGHER THAN 70 L/MIN.



EXCAVATOR



BACKHOE LOADER

| | | | | | |
|----------------------------|----|--|--------------|--|--|
| AR FAST LOCK | 84 | | AR | | |
| CR TWIN LOCK | 86 | | CR | | |
| CR TWIN LOCK D.E. | 88 | | CR | | |
| CR TWIN LOCK D.E. SWISS | 90 | | CR | | |
| CS SCHNAPPMATIC | 92 | | CS | | |
| | | | CS JANUS PRO | | |
| CS SCHNAPPMATIC D.E. | 94 | | CS | | |
| | | | CS JANUS PRO | | |
| CS SCHNAPPMATIC D.E. SWISS | 96 | | CS | | |
| | | | CS JANUS PRO | | |



EXCAVATOR

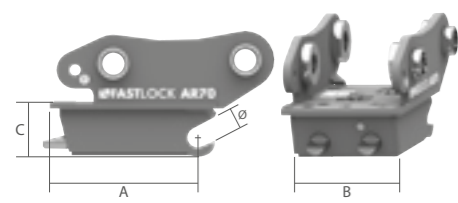


BACKHOE LOADER


| | | | | | |
|-----------------------------|-----|--|----------------|--|--|
| CS SCHNAPPMATIC D.E. CS 100 | 98 | | CS | | |
| | | | CS JANUS PRO | | |
| CM SICURMATIC | 100 | | CM | | |
| S NORDIC SYSTEM | 102 | | S | | |
| PL PIN LOCK | 104 | | STANDARD | | |
| CW AUT'O'LOCK | 106 | | CW COPPO | | |
| | | | CW IN PIANO | | |
| | | | CW ROVESCIO | | |
| | | | CW REVERSIBILE | | |
| CW HAND'O'LOCK | 108 | | CW COPPO | | |
| | | | CW IN PIANO | | |
| | | | CW ROVESCIO | | |
| | | | CW REVERSIBILE | | |





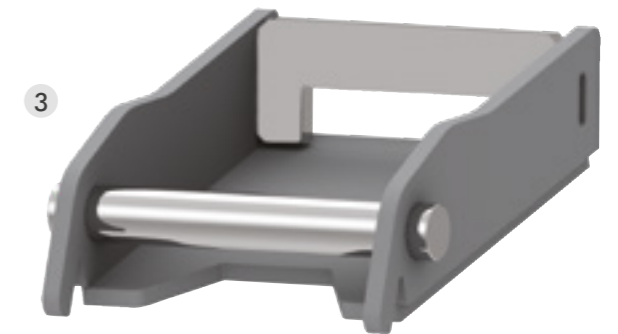
THE AR FAST LOCK PATENTED QUICK COUPLER ENABLES THE FAST LOCKING AND UNLOCKING OF THE ATTACHMENT TOOLS, CONSIDERABLY REDUCING THE TIME FOR THEIR REPLACEMENT. THE MECHANICAL VERSION IS PROVIDED WITH A SEMI-AUTOMATIC SYSTEM THAT REQUIRES THE MANUAL INTERVENTION WHEN THE TOOL HAS TO BE RELEASED. BOTH THE LOCKING AND THE SAFE BLOCKING OF THE NEW TOOL ARE AUTOMATIC OPERATIONS. IN THE HYDRAULIC VERSION THESE FUNCTIONS ARE MANAGED DIRECTLY FROM THE CAB.



| | TONS (LB) | 0,6 - 1,8 (1323 - 3968) | 1,8 - 2,5 (3968 - 5512) | 2,5 - 4,0 (5512 - 8819) | 4,0 - 6,0 (8819 - 13228) | 6,0 - 7,5 (13228 - 16535) |
|------------------|-----------|-------------------------|-------------------------|-------------------------|--------------------------|---------------------------|
| MOD. | | AR15 | AR30 | AR40 | AR50 | AR70 |
| A MM (IN) | | 206 (8,1) | 226 (8,9) | 238 (9,4) | 271 (10,7) | 317 (12,5) |
| B MM (IN) | | 156 (6,1) | 181 (7,1) | 196 (7,7) | 218 (8,6) | 258 (10,2) |
| C MM (IN) | | 92 (3,6) | 92 (3,6) | 97 (3,8) | 120 (4,7) | 124 (4,9) |
| Ø MM (IN) | | 30 (1,2) | 35 (1,4) | 35 (1,4) | 40 (1,6) | 45 (1,8) |

| MECHANIC SEMI-AUTOMATIC | | | AR15 S.A. | AR30 S.A. | AR40 S.A. | AR50 S.A. | AR70 S.A. |
|--|-------------|---------|-----------|-----------|-----------|-----------|-----------|
|  | W/O COUPLER | KG (LB) | 16 (35) | 20 (44) | 25 (55) | 30 (66) | 61 (135) |

| HYDRAULIC SINGLE ACTION | | | AR15 S.E. | AR30 S.E. | AR40 S.E. | AR50 S.E. | AR70 S.E. |
|--|-------------|-----------|------------|------------|------------|------------|------------|
|  | W/O COUPLER | KG (LB) | 18 (40) | 22 (49) | 27 (60) | 32 (71) | 63 (139) |
|  | MAX | BAR (PSI) | 250 (3626) | 250 (3626) | 250 (3626) | 250 (3626) | 250 (3626) |



OPTIONAL

1 HYDRAULIC INSTALLATION KIT

WITH THE HYDRAULIC QUICK COUPLER THE INSTALLATION KIT CAN BE PROVIDED, INCLUDING SOLENOID VALVE AND ELECTRIC SWITCH WITH MAGNETS TO EASILY PUT IT INSIDE THE CAB

2 LIFTING HOOK

A HOOK APPROVED FOR LIFTING OPERATIONS CAN BE WELDED DIRECTLY ON THE QUICK COUPLER.

3 AR ADAPTER

THE ADAPTER APPLIED TO ANY TOOL ENABLES THE COUPLING WITH THE AR FAST LOCK QUICK COUPLER.

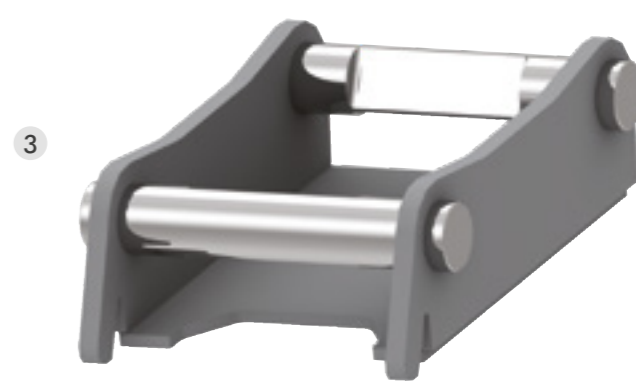


THE CR TWIN LOCK PATENTED **REVERSIBLE** QUICK COUPLER ENABLES THE FAST LOCKING AND UNLOCKING OF THE ATTACHMENT TOOLS CONSIDERABLY REDUCING THE TIME FOR THEIR REPLACEMENT. THE MECHANICAL VERSION IS PROVIDED WITH A SEMI-AUTOMATIC SYSTEM THAT REQUIRES THE MANUAL INTERVENTION WHEN THE TOOL HAS TO BE RELEASED. BOTH THE LOCKING AND THE SAFE BLOCKING OF THE NEW TOOL ARE AUTOMATIC OPERATIONS. IN THE HYDRAULIC VERSION ALL THESE FUNCTIONS ARE MANAGED DIRECTLY FROM THE CAB.

| | TONS (LB) | 0,6 - 1,8 (1323 - 3968) | 1,8 - 2,5 (3968 - 5512) | 2,5 - 4,0 (5512 - 8819) | 4,0 - 6,0 (8819 - 13228) | 6,0 - 12,0 (13228 - 26455) |
|----------|-------------|-------------------------|-------------------------|-------------------------|--------------------------|----------------------------|
| | MOD. | CR15 | CR30 | CR40 | CR50 | CR70 |
| A | MM (IN) | 247 (9,7) | 252 (9,9) | 260 (10,2) | 290 (11,4) | 345 (13,5) |
| B | MM (IN) | 156 (6,1) | 180 (7,1) | 196 (7,7) | 218 (8,6) | 257 (10,1) |
| C | MM (IN) | 101 (4,0) | 107 (4,2) | 109 (4,3) | 133 (5,2) | 148 (5,8) |
| Ø | MM (IN) | 40 (1,6) | 45 (1,8) | 45 (1,8) | 50 (2,0) | 60 (2,4) |

| MECHANIC SEMI-AUTOMATIC | | MOD. | CR15 S.A. | CR30 S.A. | CR40 S.A. | CR50 S.A. | CR70 S.A. |
|--------------------------------|-------------|-------------|------------------|------------------|------------------|------------------|------------------|
| | W/O COUPLER | KG (LB) | 20 (44) | 25 (55) | 28 (62) | 39 (86) | 62 (137) |

| HYDRAULIC SINGLE ACTION | | MOD. | CR15 S.E. | CR30 S.E. | CR40 S.E. | CR50 S.E. | CR70 S.E. |
|--------------------------------|-------------|-------------|------------------|------------------|------------------|------------------|------------------|
| | W/O COUPLER | KG (LB) | 21 (46) | 27 (60) | 29 (64) | 40 (88) | 63 (139) |
| | MAX | BAR (PSI) | 250 (3626) | 250 (3626) | 250 (3626) | 250 (3626) | 200 (2901) |



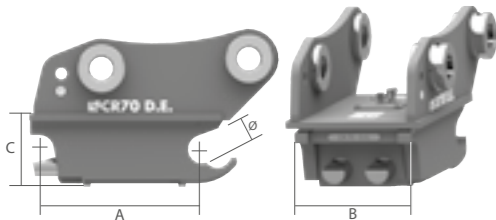
OPTIONAL

- 1 HYDRAULIC INSTALLATION KIT**
WITH THE HYDRAULIC QUICK COUPLER THE INSTALLATION KIT CAN BE PROVIDED, INCLUDING SOLENOID VALVE AND ELECTRIC SWITCH WITH MAGNETS TO EASILY PUT IT INSIDE THE CAB
- 2 LIFTING HOOK**
A HOOK APPROVED FOR LIFTING OPERATIONS CAN BE WELDED DIRECTLY ON THE QUICK COUPLER.
- 3 CR ADAPTE**
THE CR ADAPTER MAKES THE TOOL REVERSIBLE.



THE CR TWIN LOCK D.E. QUICK COUPLER, WITH ITS **DOUBLE ACTION** SYSTEM, MANAGES THE LOCKING AND UNLOCKING OPERATIONS DIRECTLY FROM THE CAB IN A FEW SECONDS. IT MEETS THE HIGHEST RELIABILITY STANDARDS THANKS TO ITS SAFETY SYSTEMS. THE SIDES ARE REALIZED ENTIRELY WITH THE HB400 STEEL, GRANTING GREAT RESISTANCE.

HYDRAULIC DOUBLE ACTION



| TONS (LB) | 0,6 - 1,8 (1323 - 3968) | | 1,8 - 2,5 (3968 - 5512) | | 2,5 - 4,0 (5512 - 8819) | | 4,0 - 6,0 (8819 - 13228) | | 6,0 - 12,0 (13228 - 26455) | |
|-----------|-------------------------|-----------|-------------------------|------------|-------------------------|------------|--------------------------|--|----------------------------|--|
| MOD. | CR15 D.E. | | CR30 D.E. | | CR40 D.E. | | CR50 D.E. | | CR70 D.E. | |
| A | MM (IN) | 247 (9,7) | 252 (9,9) | 260 (10,2) | 290 (11,4) | 345 (13,5) | | | | |
| B | MM (IN) | 156 (6,1) | 180 (7,1) | 196 (7,7) | 218 (8,6) | 257 (10,1) | | | | |
| C | MM (IN) | 101 (4,0) | 107 (4,2) | 109 (4,3) | 133 (5,2) | 148 (5,8) | | | | |
| Ø | MM (IN) | 40 (1,6) | 45 (1,8) | 45 (1,8) | 50 (2,0) | 60 (2,4) | | | | |
| | W/O COUPLER | KG (LB) | 18 (40) | 22 (49) | 27 (60) | 38 (84) | 61 (135) | | | |
| | MAX | BAR (PSI) | 200 (2901) | 200 (2901) | 2200 (2901) | 200 (2901) | 200 (2901) | | | |



STANDARD TECHNICAL FEATURES

- 1 FORK'S DOUBLE PROFILE**
NEW DOUBLE CRADLE PROFILE CREATE A GREATER OBSTACLE TO THE ACCIDENTAL FALL OF THE TOOL.
- 2 SAFETY BLOCK VALVE**
IT ALLOWS THE QUICK COUPLER TO HOLD ITS POSITION EVEN IN THE CASE OF A PRESSURE LOSS ON THE HYDRAULIC LINE.

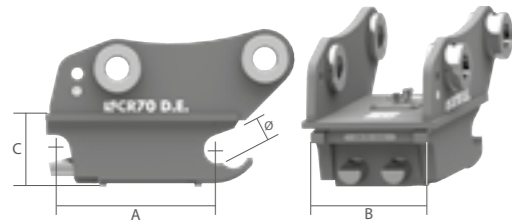
OPTIONAL

- 3 HYDRAULIC INSTALLATION KIT**
WITH THE HYDRAULIC QUICK COUPLER THE INSTALLATION KIT CAN BE PROVIDED, INCLUDING SOLENOID VALVE AND ELECTRIC SWITCH WITH MAGNETS TO EASILY PUT IT INSIDE THE CAB
- 4 LIFTING HOOK**
A HOOK APPROVED FOR LIFTING OPERATIONS CAN BE WELDED DIRECTLY ON THE QUICK COUPLER.
- 5 CR ADAPTE**
THE CR ADAPTER MAKES THE TOOL REVERSIBLE.

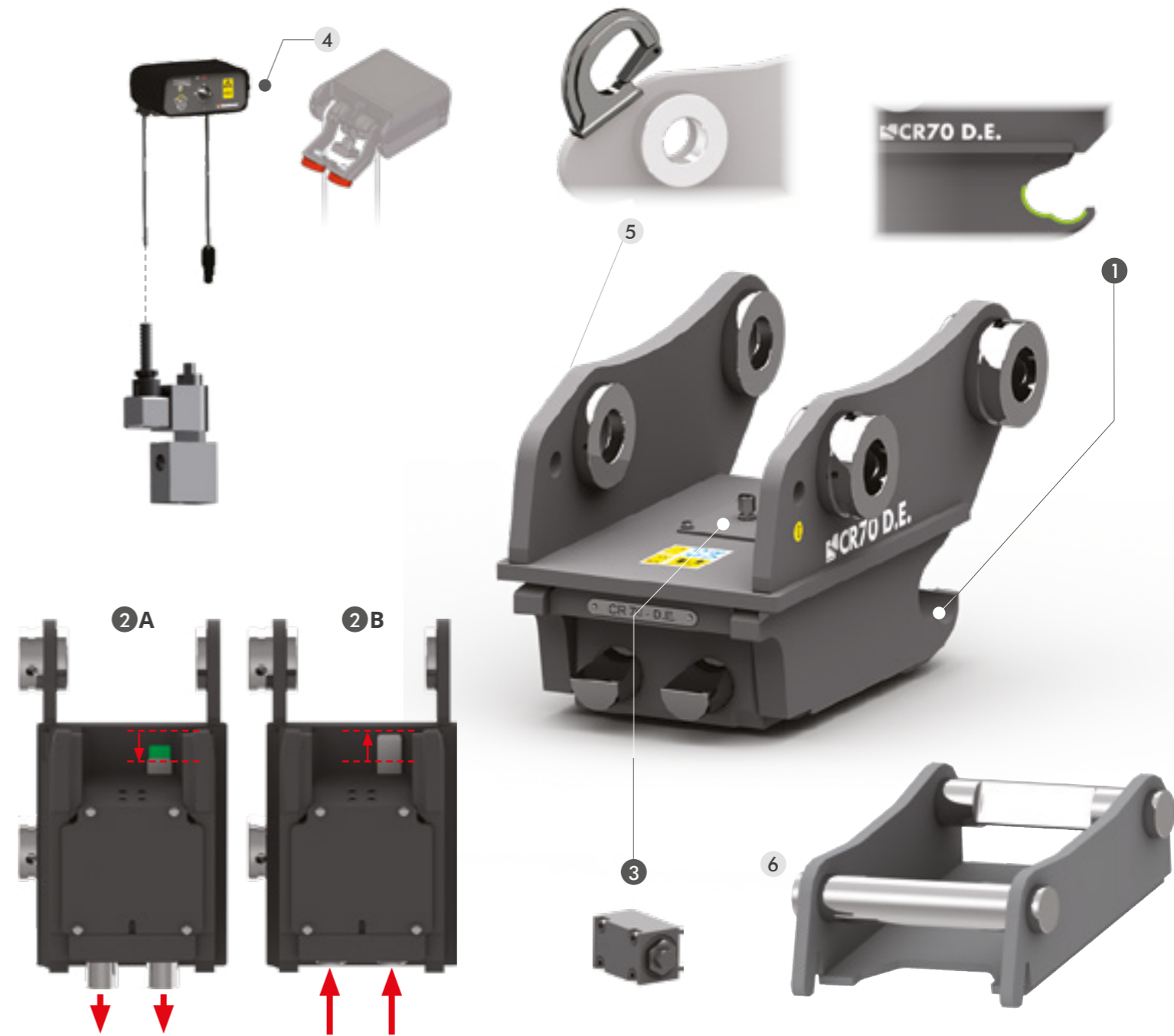


THE CR TWIN LOCK D.E. QUICK COUPLER, WITH ITS **DOUBLE ACTION** SYSTEM, MANAGES THE LOCKING AND UNLOCKING OPERATIONS DIRECTLY FROM THE CAB IN A FEW SECONDS. IT MEETS THE HIGHEST RELIABILITY STANDARDS THANKS TO ITS SAFETY SYSTEMS, SUCH AS THE VISUAL INDICATOR FOR THE LOCKING STATUS CONTROL, THE STANDARD BLOCK VALVE, THE DOUBLE-NOTCH PROFILE OF THE FORK. THE SIDES ARE REALIZED ENTIRELY WITH THE HB400 STEEL, GRANTING GREAT RESISTANCE.

HYDRAULIC DOUBLE ACTION



| TONS (LB) | 0,6 - 1,8 (1323 - 3968) | | 1,8 - 2,5 (3968 - 5512) | | 2,5 - 4,0 (5512 - 8819) | | 4,0 - 6,0 (8819 - 13228) | | 6,0 - 12,0 (13228 - 26455) | |
|-----------|-------------------------|-----------|-------------------------|------------|-------------------------|------------|--------------------------|--|----------------------------|--|
| MOD. | CR15 D.E. | CR30 D.E. | CR40 D.E. | CR50 D.E. | CR70 D.E. | | | | | |
| A | MM (IN) | 247 (9,7) | 252 (9,9) | 260 (10,2) | 290 (11,4) | 345 (13,5) | | | | |
| B | MM (IN) | 156 (6,1) | 180 (7,1) | 196 (7,7) | 218 (8,6) | 257 (10,1) | | | | |
| C | MM (IN) | 101 (4,0) | 107 (4,2) | 109 (4,3) | 133 (5,2) | 148 (5,8) | | | | |
| Ø | MM (IN) | 40 (1,6) | 45 (1,8) | 45 (1,8) | 50 (2,0) | 60 (2,4) | | | | |
| | W/O COUPLER | KG (LB) | 18 (40) | 22 (49) | 27 (60) | 38 (84) | 61 (135) | | | |
| | MAX | BAR (PSI) | 200 (2901) | 200 (2901) | 2200 (2901) | 200 (2901) | 200 (2901) | | | |



STANDARD TECHNICAL FEATURES

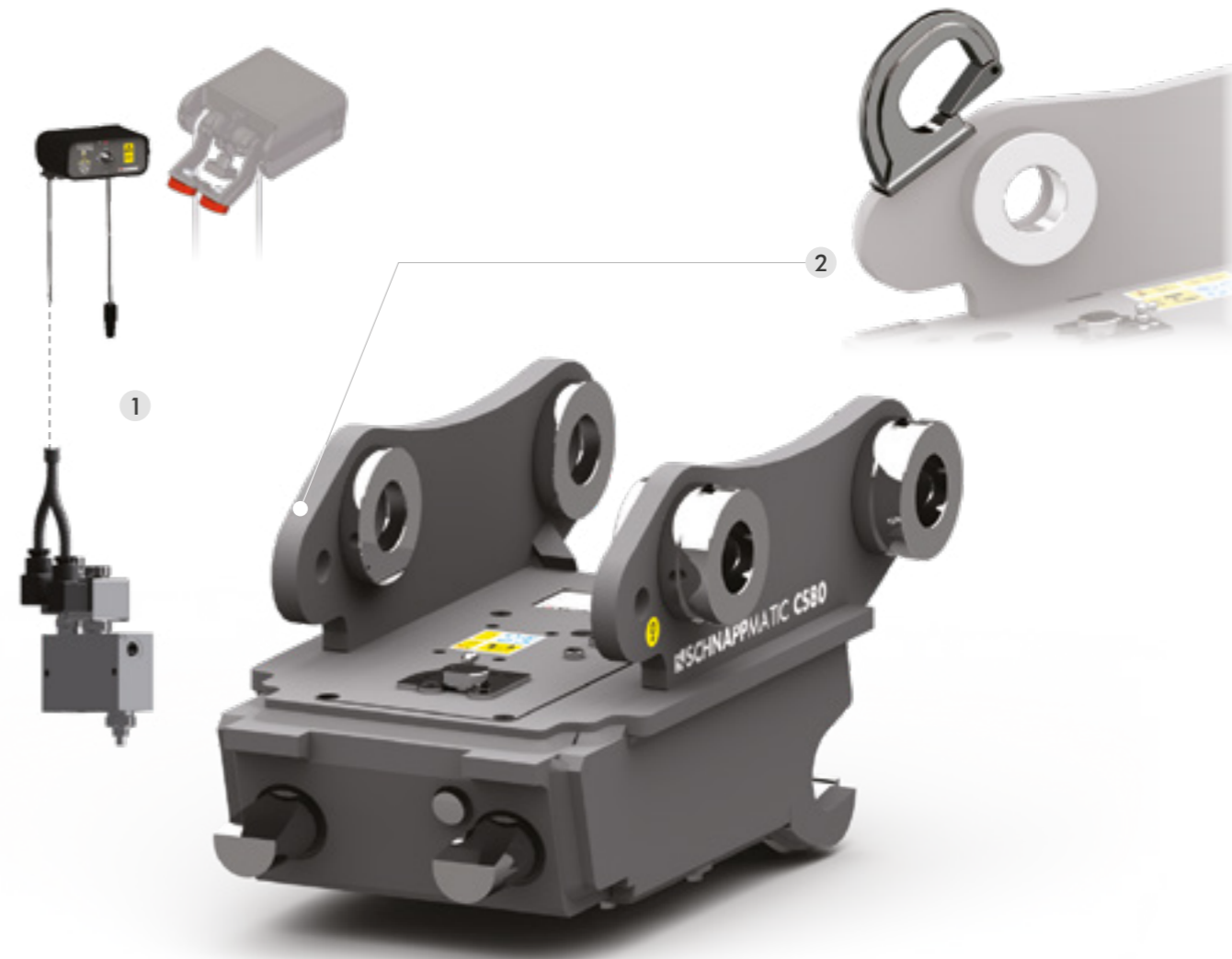
- 1 FORK'S DOUBLE PROFILE**
NEW DOUBLE CRADLE PROFILE CREATE A GREATER OBSTACLE TO THE ACCIDENTAL FALL OF THE TOOL.
- 2 FRONT SAFETY SYSTEM**
THROUGH TO THE VISUAL INDICATOR PLACED IN THE COUPLER, THE VISUALISATION OF THE LOCKING CONDITION IS SIMPLE AND IMMEDIATE.
A LOCKING PINS **B** UNLOCKIN PINS
- 3 SAFETY BLOCK VALVE**
IT ALLOWS THE QUICK COUPLER TO HOLD ITS POSITION EVEN IN THE CASE OF A PRESSURE LOSS ON THE HYDRAULIC LINE.

OPTIONAL

- 4 HYDRAULIC INSTALLATION KIT**
THIS KIT CAN BE SUPPLIED WITH THE QUICK COUPLER HYDRAULIC VERSION. SUPPLIED WITH WIRED SOLENOID VALVE AND CONTROL SWITCH.
- 5 LIFTING HOOK**
A HOOK APPROVED FOR LIFTING OPERATIONS CAN BE WELDED DIRECTLY ON THE QUICK COUPLER.
- 6 CR ADAPTE**
THE CR ADAPTER MAKES THE TOOL REVERSIBLE.



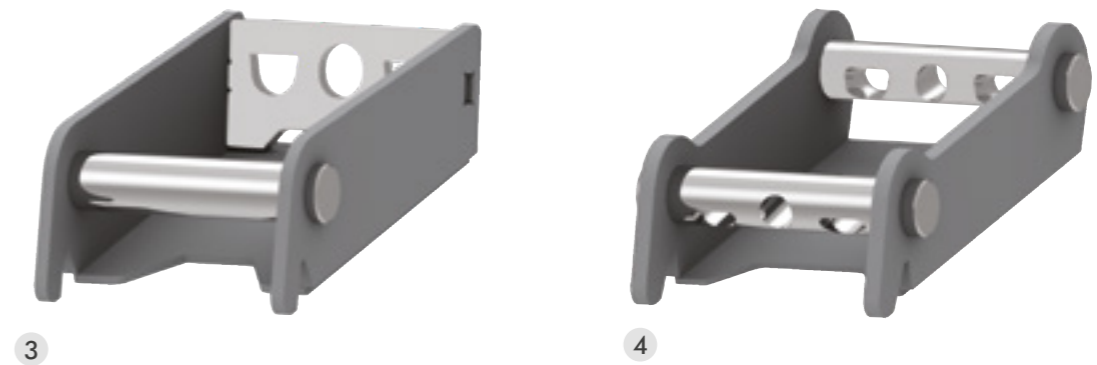
THE CS SCHNAPPMATIC PATENTED QUICK COUPLER ENABLES THE FAST LOCKING AND UNLOCKING OF THE ATTACHMENTS, CONSIDERABLY REDUCING THE TIME FOR THEIR REPLACEMENT. THE MECHANICAL VERSION IS PROVIDED WITH A SEMI-AUTOMATIC SYSTEM THAT REQUIRES THE MANUAL INTERVENTION WHEN THE TOOL HAS TO BE RELEASED. BOTH THE LOCKING AND THE SAFE BLOCKING OF THE NEW TOOL ARE AUTOMATIC OPERATIONS. IN THE HYDRAULIC VERSION ALL THESE FUNCTIONS ARE MANAGED FROM THE CAB. ACCORDING TO THE ADAPTER, STANDARD OR JANUS PRO (REVERSIBLE), IT IS POSSIBLE TO USE THE SAME TOOLS ALSO FOR FRONT DIGGING WORKS. THIS QUICK COUPLER COMBINES WITH ALL TYPES OF ADAPTER OF THE (MS OS, DS, ETC.) 01, 03 AND 08 SERIES.



| | TONS (LB) | 0,6 - 2,5 (1323 - 5512) | 2,5 - 6,0 (5512 - 13227) | 5,0 - 12,0 (11023 - 26455) |
|------------------|-----------|-------------------------|--------------------------|----------------------------|
| MOD. | | CS10 | CS30 | CS80 |
| A MM (IN) | | 250 (9,8) | 316 (12,5) | 436 (17,2) |
| B MM (IN) | | 180 (7,1) | 200 (8) | 290 (11) |
| C MM (IN) | | 72 (2,8) | 78 (3,1) | 105 (4,1) |
| Ø MM (IN) | | 40 (1,6) | 50 (2,0) | 60 (2,4) |

| MECHANIC SEMI-AUTOMATIC | | MOD. | CS10 S.A. | CS30 S.A. | CS80 S.A. |
|-------------------------|-------------|---------|-----------|-----------|-----------|
| | W/O COUPLER | KG (LB) | 22 (49) | 33 (73) | 83 (183) |

| HYDRAULIC SINGLE ACTION | | MOD. | CS10 S.E. | CS30 S.E. | CS80 S.E. |
|-------------------------|-------------|-----------|------------|------------|------------|
| | W/O COUPLER | KG (LB) | 23 (51) | 34 (75) | 87 (192) |
| | MAX | BAR (PSI) | 250 (3626) | 250 (3626) | 250 (3626) |



OPTIONAL

1 HYDRAULIC INSTALLATION KIT

WITH THE HYDRAULIC QUICK COUPLER THE INSTALLATION KIT CAN BE PROVIDED, INCLUDING SOLENOID VALVE AND ELECTRIC SWITCH WITH MAGNETS TO EASILY PUT IT INSIDE THE CAB

2 LIFTING HOOK

A HOOK APPROVED FOR LIFTING OPERATIONS CAN BE WELDED DIRECTLY ON THE QUICK COUPLER.

3 CS ADAPTER

THE ADAPTER APPLIED TO ANY TOOL ENABLES THE COUPLING WITH THE CS SCHNAPPMATIC QUICK COUPLER.

4 JANUS PRO ADAPTER

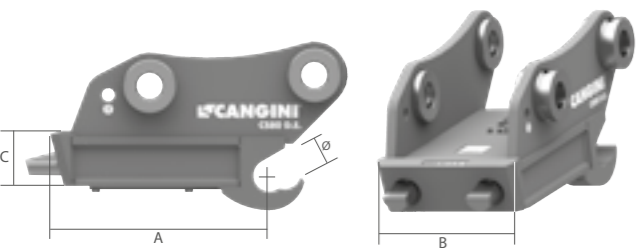
THE JANUS PRO ADAPTER MAKES THE TOOL REVERSIBLE.



THE CS SCHNAPPMATIC D.E. QUICK COUPLER, WITH ITS **DOUBLE ACTION** SYSTEM, MANAGES THE LOCKING AND UNLOCKING OPERATIONS DIRECTLY FROM THE CAB IN A FEW SECONDS. IT IS EQUIPPED WITH DIFFERENT SAFETY SYSTEMS, SUCH AS THE VISUAL INDICATOR FOR THE LOCKING STATUS CONTROL, THE STANDARD BLOCK VALVE AND THE DOUBLE-NOTCH PROFILE OF THE FORK. THE HB400 FORK MAKES THE QUICK COUPLER SUITED TO HIGH WORKLOADS AND GRANTS ITS LONG USEFUL LIFE.



HYDRAULIC DOUBLE ACTION



| TONS (LB) | 0,6 - 2,5 (1323 - 5512) | | 2,5 - 6,0 (5512 - 13227) | | 5,0 - 12,0 (11023 - 26455) | |
|------------------|-------------------------|------------|--------------------------|------------|----------------------------|--|
| MOD. | CS10 D.E. | | CS30 D.E. | | CS80 D.E. | |
| A MM (IN) | 250 (9,8) | 316 (12,5) | 436 (17,2) | | | |
| B MM (IN) | 180 (7,1) | 200 (8) | 290 (11) | | | |
| C MM (IN) | 72 (2,8) | 78 (3,1) | 105 (4,1) | | | |
| Ø MM (IN) | 40 (1,6) | 50 (2,0) | 60 (2,4) | | | |
| W/O COUPLER | KG (LB) | 16 (35) | 25 (55) | 61 (135) | | |
| MAX | BAR (PSI) | 200 (2901) | 200 (2901) | 200 (2901) | | |

STANDARD TECHNICAL FEATURES

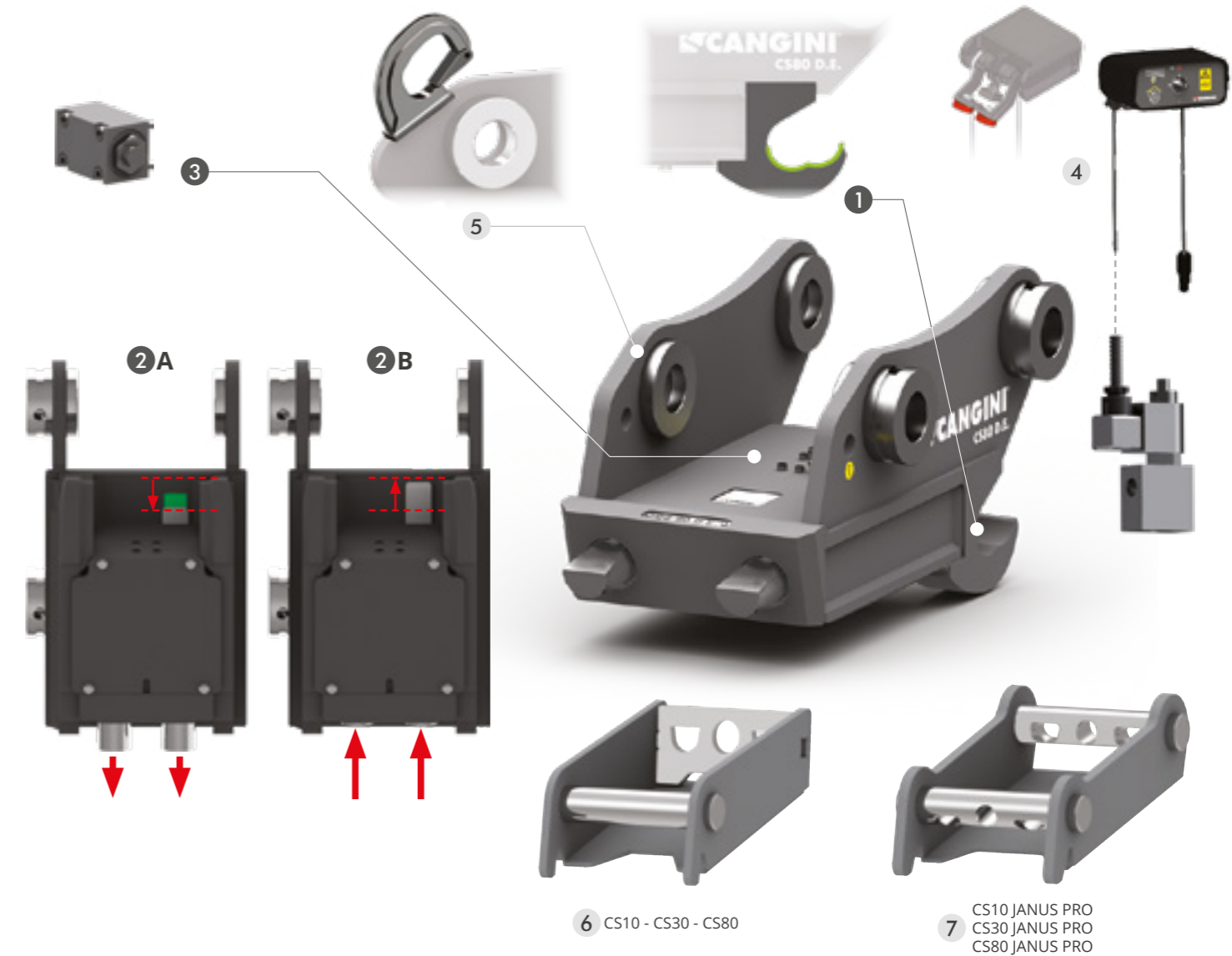
- 1 FORK'S DOUBLE PROFILE**
NEW DOUBLE CRADLE PROFILE CREATE A GREATER OBSTACLE TO THE ACCIDENTAL FALL OF THE TOOL.
- 3 SAFETY BLOCK VALVE**
IT ALLOWS THE QUICK COUPLER TO HOLD ITS POSITION EVEN IN THE CASE OF A PRESSURE LOSS ON THE HYDRAULIC LINE.

OPTIONAL

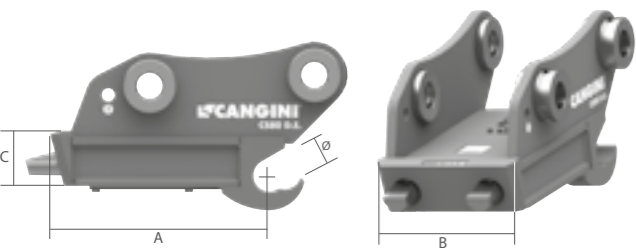
- 3 HYDRAULIC INSTALLATION KIT**
WITH THE HYDRAULIC QUICK COUPLER THE INSTALLATION KIT CAN BE PROVIDED, INCLUDING SOLENOID VALVE AND ELECTRIC SWITCH WITH MAGNETS TO EASILY PUT IT INSIDE THE CAB
- 4 LIFTING HOOK**
A HOOK APPROVED FOR LIFTING OPERATIONS CAN BE WELDED DIRECTLY ON THE QUICK COUPLER.
- 5 CS ADAPTER**
THE ADAPTER APPLIED TO ANY TOOL ENABLES THE COUPLING WITH THE CS SCHNAPPMATIC D.E. QUICK COUPLER.
- 6 JANUS PRO ADAPTER**
THE JANUS PRO ADAPTER MAKES THE TOOL REVERSIBLE.



THE CS SCHNAPPMATIC D.E. QUICK COUPLER, WITH ITS **DOUBLE ACTION** SYSTEM, MANAGES THE LOCKING AND UNLOCKING OPERATIONS DIRECTLY FROM THE CAB IN A FEW SECONDS. IT IS EQUIPPED WITH DIFFERENT SAFETY SYSTEMS, SUCH AS THE VISUAL INDICATOR FOR THE LOCKING STATUS CONTROL, THE STANDARD BLOCK VALVE AND THE DOUBLE-NOTCH PROFILE OF THE FORK. THE HARDOX400 FORK MAKES THE QUICK COUPLER SUITED TO HIGH WORKLOADS AND GRANTS ITS LONG USEFUL LIFE.



HYDRAULIC DOUBLE ACTION



| TONS (LB) | 0,6 - 2,5 (1323 - 5512) | | 2,5 - 6,0 (5512 - 13227) | | 5,0 - 12,0 (11023 - 26455) | |
|--------------------|-------------------------|------------|--------------------------|------------|----------------------------|--|
| MOD. | CS10 D.E. | | CS30 D.E. | | CS80 D.E. | |
| A MM (IN) | 250 (9,8) | 316 (12,5) | 436 (17,2) | | | |
| B MM (IN) | 180 (7,1) | 200 (8) | 290 (11) | | | |
| C MM (IN) | 72 (2,8) | 78 (3,1) | 105 (4,1) | | | |
| Ø MM (IN) | 40 (1,6) | 50 (2,0) | 60 (2,4) | | | |
| W/O COUPLER | KG (LB) | 16 (35) | 25 (55) | 61 (135) | | |
| MAX | BAR (PSI) | 200 (2901) | 200 (2901) | 200 (2901) | | |

STANDARD TECHNICAL FEATURES

- 1 FORK'S DOUBLE PROFILE**
NEW DOUBLE CRADLE PROFILE CREATE A GREATER OBSTACLE TO THE ACCIDENTAL FALL OF THE TOOL.
- 2 FRONT SAFETY SYSTEM**
THROUGH TO THE VISUAL INDICATOR PLACED IN THE COUPLER, THE VISUALISATION OF THE LOCKING CONDITION IS SIMPLE AND IMMEDIATE.
A LOCKINIG PINS **B** UNLOCKIN PINS
- 3 SAFETY BLOCK VALVE**
IT ALLOWS THE QUICK COUPLER TO HOLD ITS POSITION EVEN IN THE CASE OF A PRESSURE LOSS ON THE HYDRAULIC LINE.

OPTIONAL

- 4 HYDRAULIC INSTALLATION KIT**
WITH THE HYDRAULIC QUICK COUPLER THE INSTALLATION KIT CAN BE PROVIDED, INCLUDING SOLENOID VALVE AND ELECTRIC SWITCH WITH MAGNETS TO EASILY PUT IT INSIDE THE CAB
- 5 LIFTING HOOK**
A HOOK APPROVED FOR LIFTING OPERATIONS CAN BE WELDED DIRECTLY ON THE QUICK COUPLER.
- 6 CS ADAPTER**
THE ADAPTER APPLIED TO ANY TOOL ENABLES THE COUPLING WITH THE CS SCHNAPPMATIC D.E. QUICK COUPLER.
- 7 JANUS PRO ADAPTER**
THE JANUS PRO ADAPTER MAKES THE TOOL REVERSIBLE.

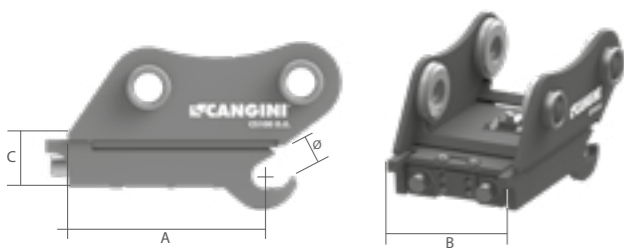


THE CS SCHNAPPMATIC D.E. QUICK COUPLER, WITH ITS **DOUBLE ACTION** SYSTEM, MANAGES THE LOCKING AND UNLOCKING OPERATIONS DIRECTLY FROM THE CAB IN A FEW SECONDS. IT IS EQUIPPED WITH DIFFERENT SAFETY SYSTEMS, SUCH AS THE VISUAL INDICATOR FOR THE LOCKING STATUS CONTROL, THE STANDARD BLOCK VALVE AND THE DOUBLE-NOTCH PROFILE OF THE FORK. THE HB400 FORK MAKES THE QUICK COUPLER SUITED TO HIGH WORKLOADS AND GRANTS ITS LONG USEFUL LIFE. THE MODEL FOR MACHINES FROM 12 TO 19 TONS IS THE CS100 SCHNAPPMATIC D.E., DEFINED BY CONE-SHAPED PINS THAT GRANT AN EFFICIENT EQUILIBRIUM OF FORCES.

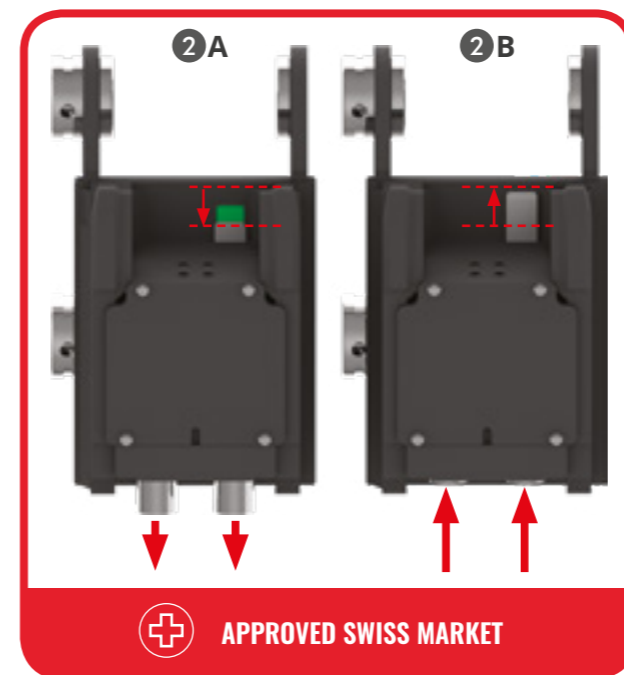
VERSION FOR SWISS MARKET INCLUDES A MARKER FOR THE CORRECT COUPLING DISPLAY

APPROVED SWISS MARKET

HYDRAULIC DOUBLE ACTION



| | | |
|-------------|--------------------------------|------------|
| TONS (LB) | 12,0 - 19,0 (26455 - 41888) | |
| MOD. | CS100 D.E. | |
| A MM (IN) | 520 | (20,5) |
| B MM (IN) | 395 | (15,6) |
| C MM (IN) | 172 | (6,8) |
| Ø MM (IN) | 70 | (2,7) |
| W/O COUPLER | KG (LB) | 130 (287) |
| MAX | BAR (PSI) | 200 (2900) |



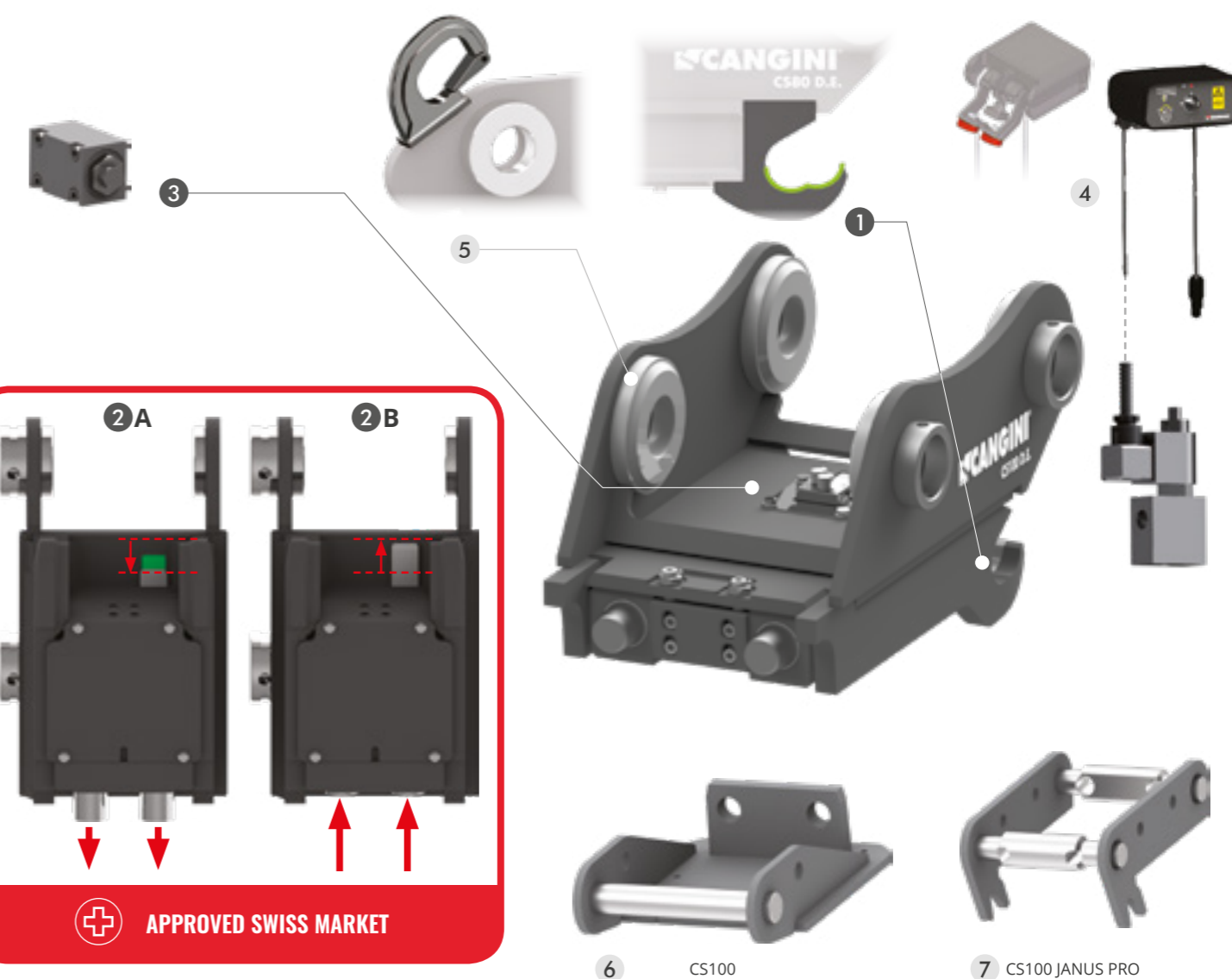
APPROVED SWISS MARKET

STANDARD TECHNICAL FEATURES

- 1 FORK'S DOUBLE PROFILE**
NEW DOUBLE CRADLE PROFILE CREATE A GREATER OBSTACLE TO THE ACCIDENTAL FALL OF THE TOOL.
- 2 VISUAL MARKER OF THE COUPLING CONDITION (APPROVED SWISS MARKET)**
THANKS TO THE VISUAL MARKER ON THE COUPLER, THE DISPLAY OF THE COUPLING CONDITION IS EASY AND IMMEDIATE:
A LOCKED PINS **B** UNLOCKED PINS
- 3 SAFETY BLOCK VALVE**
IT ALLOWS THE QUICK COUPLER TO HOLD ITS POSITION EVEN IN THE CASE OF A PRESSURE LOSS ON THE HYDRAULIC LINE.

OPTIONAL

- 4 HYDRAULIC INSTALLATION KIT**
WITH THE HYDRAULIC QUICK COUPLER THE INSTALLATION KIT CAN BE PROVIDED, INCLUDING SOLENOID VALVE AND ELECTRIC SWITCH WITH MAGNETS TO EASILY PUT IT INSIDE THE CAB
- 5 LIFTING HOOK**
A HOOK APPROVED FOR LIFTING OPERATIONS CAN BE WELDED DIRECTLY ON THE QUICK COUPLER.
- 6 CS ADAPTER**
THE ADAPTER APPLIED TO ANY TOOL ENABLES THE COUPLING WITH THE CS SCHNAPPMATIC D.E. QUICK COUPLER.
- 7 JANUS PRO ADAPTER**
THE JANUS PRO ADAPTER MAKES THE TOOL REVERSIBLE.

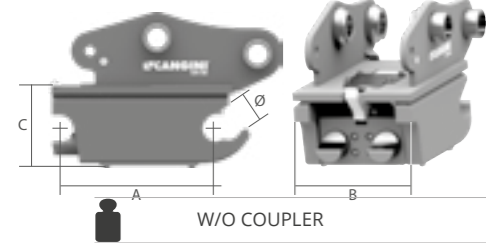


-  **PATENTED**
-  **APPROVED SWISS MARKET**
-  **HB400**



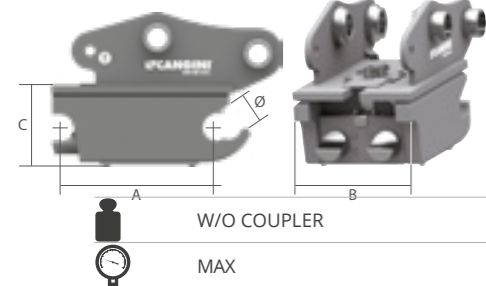
THE **REVERSIBLE** CM SICURMATIC QUICK COUPLER IS EQUIPPED WITH THE MOST ADVANCED SAFETY SYSTEMS: THE FRONT SAFETY SYSTEM THAT IS ACTIVATED WHEN THE PINS COME OUT; THE FORK WITH ITS NEW DOUBLE-NOTCH PROFILE; THE VISUAL INDICATOR THAT SHOWS THE OPERATOR THE LOCKING STATUS FROM THE CAB. SIDES ARE MADE IN HB400. THANKS TO ITS SEMI-AUTOMATIC SYSTEM, THE MECHANICAL VERSION REQUIRES THE OPERATOR'S INTERVENTION ONLY DURING THE UNLOCKING PHASE, WHILE THE LOCKING FUNCTION IS AUTOMATIC. WITH ITS **DOUBLE ACTION** SYSTEM, THE HYDRAULIC VERSION ALLOWS TO MANAGE BOTH THE LOCKING AND UNLOCKING OPERATIONS DIRECTLY FROM THE CAB IN A FEW SECONDS.

MECHANIC SEMI-AUTOMATIC

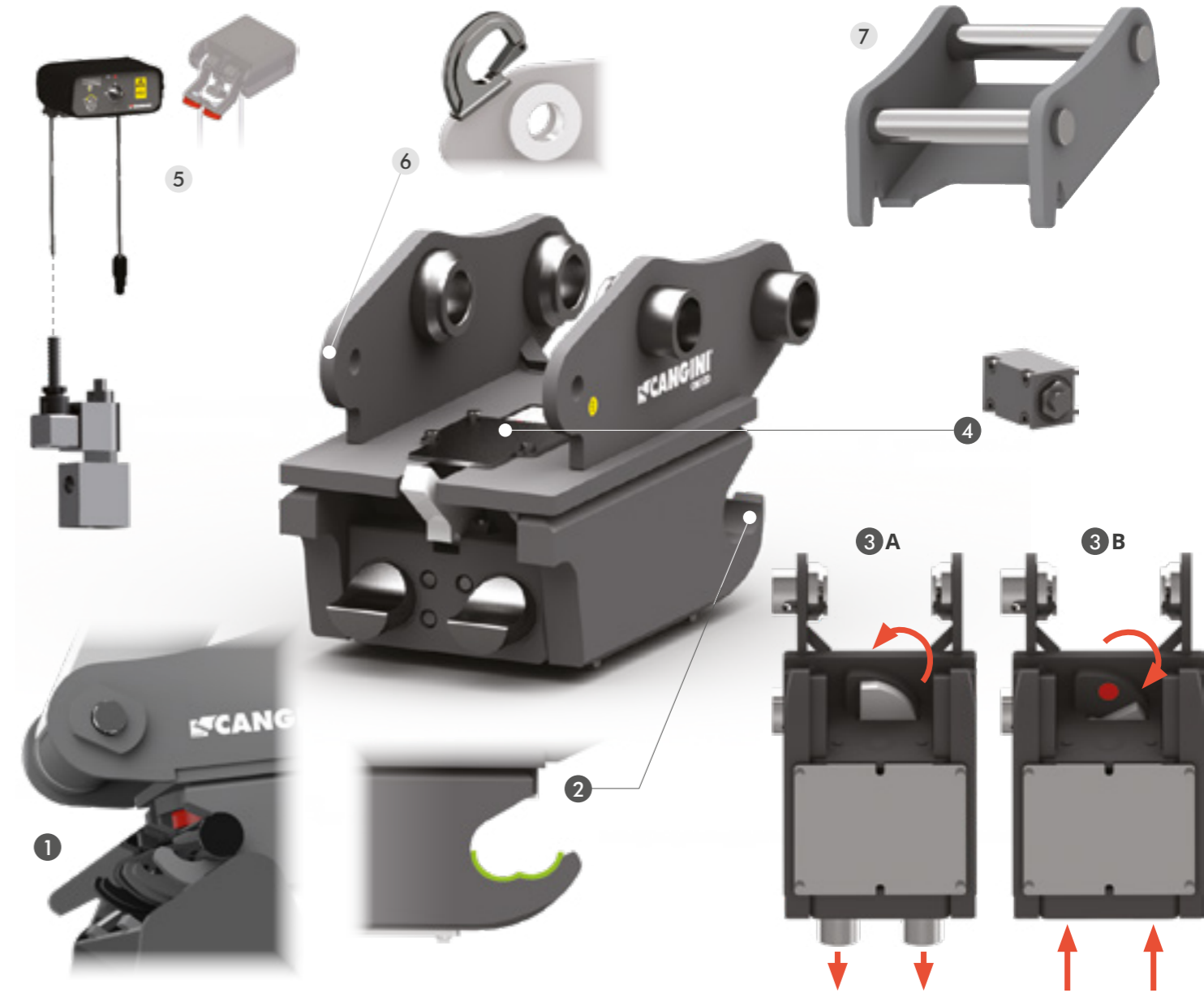


| TONS (LB) | 0,6 - 1,8 (1323 - 3968) | 1,5 - 2,5 (3307 - 5512) | 2,5 - 4,0 (5512 - 8818) | 4,0 - 7,5 (8818 - 16535) | 7,5 - 10,0 (16535 - 22046) |
|------------------|-------------------------|-------------------------|-------------------------|--------------------------|----------------------------|
| MOD. | CM20 S.A. | CM30 S.A. | CM30 S.A. | CM100 S.A. | CM100 S.A. |
| A MM (IN) | 158 (6,2) | 180 (7,1) | 180 (7,1) | 228 (9) | 228 (9) |
| B MM (IN) | 170 (6,7) | 180 (7,1) | 180 (7,1) | 292 (11,5) | 292 (11,5) |
| C MM (IN) | 93 (3,6) | 112 (4,4) | 112 (4,4) | 149 (5,9) | 149 (5,9) |
| Ø MM (IN) | 30 (1,2) | 35 (1,3) | 35 (1,3) | 50 (1,9) | 50 (1,9) |
| KG (LB) | 12 (27) | 16 (35) | 16 (35) | 45 (99) | 45 (99) |

HYDRAULIC DOUBLE ACTION



| TONS (LB) | 1,0 - 2,5 (2205 - 5512) | 2,5 - 4,0 (5512 - 8818) | 4,0 - 7,5 (8818 - 16535) | 7,5 - 10,0 (16535 - 22046) | 10,0 - 18,0 (22046 - 39683) |
|------------------|-------------------------|-------------------------|--------------------------|----------------------------|-----------------------------|
| MOD. | CM30 D.E. | CM30 D.E. | CM100 D.E. | CM100 D.E. | CM180 D.E. |
| A MM (IN) | 180 (7,1) | 180 (7,1) | 228 (9) | 228 (9) | 310 (12,2) |
| B MM (IN) | 180 (7,1) | 180 (7,1) | 292 (11,5) | 292 (11,5) | 376 (14,8) |
| C MM (IN) | 112 (4,4) | 112 (4,4) | 149 (5,9) | 149 (5,9) | 177 (6,9) |
| Ø MM (IN) | 35 (1,3) | 35 (1,3) | 50 (1,9) | 50 (1,9) | 65 (2,6) |
| KG (LB) | 18 (40) | 18 (40) | 47 (104) | 47 (104) | 98 (216) |
| MAX | 200 (2901) | 200 (2901) | 200 (2901) | 200 (2901) | 200 (2901) |



STANDARD TECHNICAL FEATURES

- 1 MECHANICAL FRONT SAFETY BLOCK**
THE MECHANICAL FRONT SAFETY SYSTEM BLOCKS THE ADAPTER'S PIN THUS INCREASING THE LOCKING SAFETY CONDITION.
- 2 FORK'S DOUBLE PROFILE**
NEW DOUBLE CRADLE PROFILE CREATE A GREATER OBSTACLE TO THE ACCIDENTAL FALL OF THE TOOL.
- 3 VISUAL MARKER OF THE COUPLING CONDITION**
THANKS TO THE VISUAL MARKER ON THE COUPLER, THE DISPLAY OF THE COUPLING CONDITION IS EASY AND IMMEDIATE:
A LOCKED PINS **B** UNLOCKED PINS
- 4 SAFETY BLOCK VALVE**
IT ALLOWS THE QUICK COUPLER TO HOLD ITS POSITION EVEN IN THE CASE OF A PRESSURE LOSS ON THE HYDRAULIC LINE.

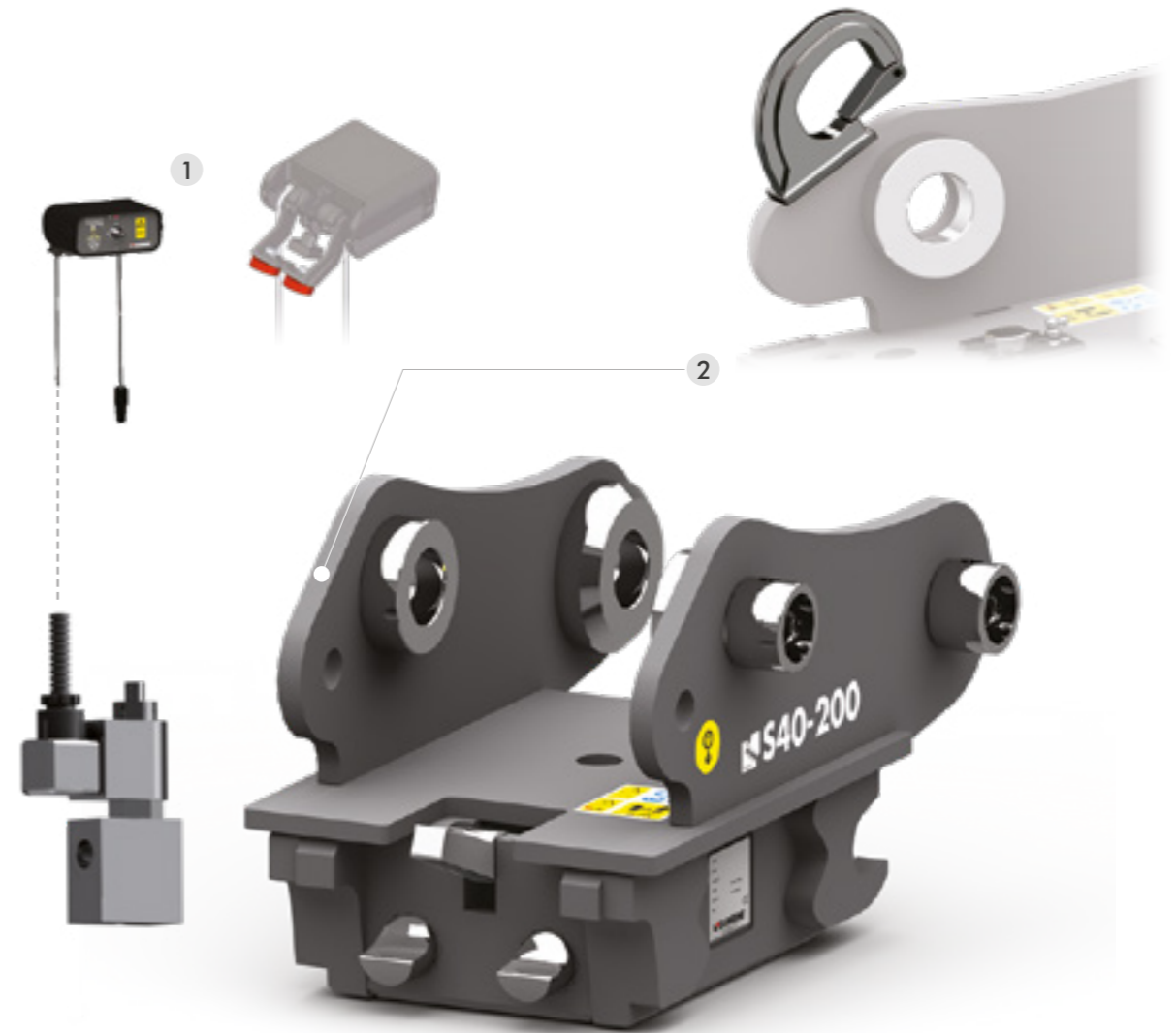
OPTIONAL

- 5 HYDRAULIC INSTALLATION KIT**
WITH THE HYDRAULIC QUICK COUPLER THE INSTALLATION KIT CAN BE PROVIDED, INCLUDING SOLENOID VALVE AND ELECTRIC SWITCH WITH MAGNETS TO EASILY PUT IT INSIDE THE CAB
- 6 LIFTING HOOK**
A HOOK APPROVED FOR LIFTING OPERATIONS CAN BE WELDED DIRECTLY ON THE QUICK COUPLER.
- 7 CM ADAPTER**
THE ADAPTER APPLIED TO ANY TOOL ENABLES THE COUPLING WITH THE CM QUICK COUPLER.

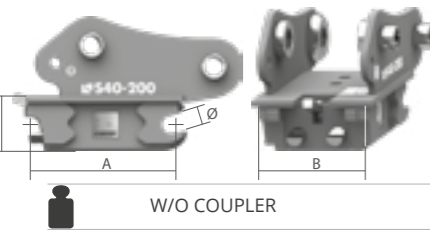
HB400



THE S NORDIC SYSTEM **REVERSIBLE** QUICK COUPLER ENABLES THE FAST LOCKING AND UNLOCKING OF THE ATTACHMENT TOOLS CONSIDERABLY REDUCING THE TIME FOR THEIR REPLACEMENT. HB400 SIDE PLATES. THE MECHANICAL VERSION IS PROVIDED WITH A SEMI-AUTOMATIC SYSTEM THAT REQUIRES THE MANUAL INTERVENTION WHEN THE TOOL HAS TO BE RELEASED. THE LOCKING OF THE NEW TOOL IS AN AUTOMATIC OPERATION. IN THE HYDRAULIC VERSION, WITH ITS **DOUBLE ACTION** SYSTEM, ALL THESE FUNCTIONS ARE MANAGED DIRECTLY FROM THE CAB.

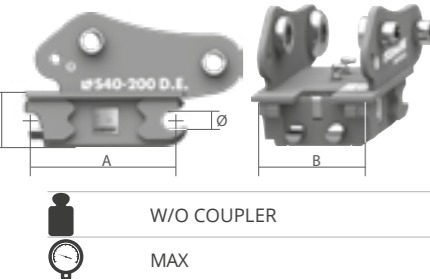


MECHANIC SEMI-AUTOMATIC

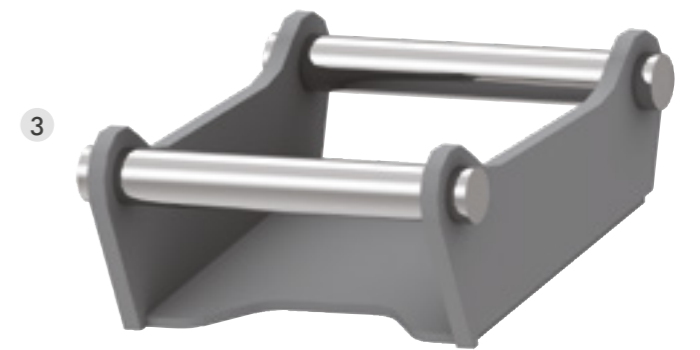


| TONS (LB) | 0,6 - 2,5 (1323 - 5512) | | 2,5 - 6,0 (5512 - 13228) | | |
|--------------------|-------------------------|----------|--------------------------|-----------|---------|
| | MOD. | S30-150 | S30-180 | S40-200 | S40-240 |
| A MM (IN) | 200 (8) | 230 (9) | 300 (12) | 300 (12) | |
| B MM (IN) | 150 (6) | 180 (7) | 200 (8) | 240 (9) | |
| C MM (IN) | 85 (3,3) | 85 (3,3) | 117 (4,6) | 117 (4,6) | |
| Ø MM (IN) | 30 (1,2) | 30 (1,2) | 40 (1,6) | 40 (1,6) | |
| W/O COUPLER | KG (LB) | 11 (24) | 14 (33) | 31 (68) | 34 (75) |

HYDRAULIC DOUBLE ACTION



| TONS (LB) | 0,6 - 2,5 (1323 - 5512) | | 2,5 - 6,0 (5512 - 13228) | | 6,0 - 12,0 (13228 - 26455) | | 12,0 - 18,0 (26455 - 39683) | |
|--------------------|-------------------------|--------------|--------------------------|--------------|----------------------------|------------|-----------------------------|------------|
| | MOD. | S30-150 D.E. | S30-180 D.E. | S40-200 D.E. | S40-240 D.E. | S45 D.E. | S50 D.E. | S60 D.E. |
| A MM (IN) | 200 (8) | 230 (9) | 300 (12) | 300 (12) | 430 (17) | 430 (17) | 480 (19) | |
| B MM (IN) | 150 (6) | 180 (7) | 200 (8) | 240 (9) | 290 (11) | 270 (11) | 340 (13) | |
| C MM (IN) | 85 (3,3) | 85 (3,3) | 117 (4,6) | 117 (4,6) | 138 (5,4) | 141 (5,5) | 163 (6,4) | |
| Ø MM (IN) | 30 (1,2) | 30 (1,2) | 40 (1,6) | 40 (1,6) | 45 (1,8) | 50 (2) | 60 (2,4) | |
| W/O COUPLER | KG (LB) | 12 (26) | 15 (33) | 32 (68) | 35 (77) | 77 (170) | 75 (165) | 123 (271) |
| MAX | bar (psi) | 250 (3626) | 250 (3626) | 250 (3626) | 250 (3626) | 250 (3626) | 250 (3626) | 250 (3626) |



OPTIONAL

1 HYDRAULIC INSTALLATION KIT

WITH THE HYDRAULIC QUICK COUPLER THE INSTALLATION KIT CAN BE PROVIDED, INCLUDING SOLENOID VALVE AND ELECTRIC SWITCH WITH MAGNETS TO EASILY PUT IT INSIDE THE CAB

2 LIFTING HOOK

A HOOK APPROVED FOR LIFTING OPERATIONS CAN BE WELDED DIRECTLY ON THE QUICK COUPLER.

3 S ADAPTER

THE ADAPTER APPLIED TO ANY TOOL ENABLES THE COUPLING WITH THE S QUICK COUPLER.



THE PL H PIN LOCK HYDRAULIC VERSION ENABLES THE LOCKING AND UNLOCKING OF THE TOOLS WITH FIXED COUPLING SYSTEM. THE LOCKING IS MADE DIRECTLY ON THE BUCKET OR TOOL'S PINS. IN THE MECHANICAL VERSION THE LOCKING AND UNLOCKING STEPS ARE MANUALLY OPERATED BY USING A SPECIAL SPANNER. IN THE HYDRAULIC VERSION THE TOOLS' CHANGING OPERATIONS CAN BE MANAGED DIRECTLY FROM THE CAB. HYDRAULIC **DOUBLE ACTION** CYLINDER WITH BLOCK VALVE.

| MECHANIC | TONS (LB) | 0,6 - 1,2 (1323 - 2646) | | 1,2 - 2,5 (2646 - 5512) | | 2,5 - 4,0 (5512 - 8819) | | 4,0 - 7,5 (8819 - 16535) | | 7,5 - 10,0 (16535 - 22046) | | 10,0 - 14,0 (22046 - 30865) | |
|----------|-------------|-------------------------|-----------|-------------------------|-----------|-------------------------|----------|--------------------------|--|----------------------------|--|-----------------------------|--|
| | MOD. | PL10 | | PL20 | | PL40 | | PL60 | | PL80 | | PL100 | |
| | A MM (IN) | 190 (7,5) | 225 (9) | 255 (10) | 360 (14) | 425 (17) | 480 (19) | | | | | | |
| | B MM (IN) | 200 (8) | 220 (9) | 260 (10) | 290 (11) | 315 (12) | 400 (16) | | | | | | |
| | C MM (IN) | 115 (4,5) | 120 (4,7) | 130 (5,1) | 160 (6,3) | 180 (7,1) | 220 (9) | | | | | | |
| | W/O COUPLER | KG (LB) | 12 (26) | 15 (33) | 20 (44) | 52 (115) | 66 (146) | 120 (265) | | | | | |

| HYDRAULIC DOUBLE ACTION | TONS (LB) | 2,5 - 4,0 (5512 - 8819) | | 4,0 - 7,5 (8819 - 16535) | | 7,5 - 10,0 (16535 - 22046) | | 10,0 - 14,0 (22046 - 30865) | |
|-------------------------|-------------|-------------------------|------------|--------------------------|------------|----------------------------|--|-----------------------------|--|
| | MOD. | PL40 D.E. | | PL60 D.E. | | PL80 D.E. | | PL100 D.E. | |
| | A MM (IN) | 255 (10) | 360 (14) | 425 (17) | 480 (19) | | | | |
| | B MM (IN) | 260 (10) | 290 (11) | 315 (12) | 400 (16) | | | | |
| | C MM (IN) | 130 (5,1) | 160 (6,3) | 180 (7,1) | 220 (9) | | | | |
| | W/O COUPLER | KG (LB) | 30 (66) | 55 (121) | 68 (150) | 125 (276) | | | |
| | MAX | bar (psi) | 200 (2901) | 200 (2901) | 200 (2901) | 200 (2901) | | | |

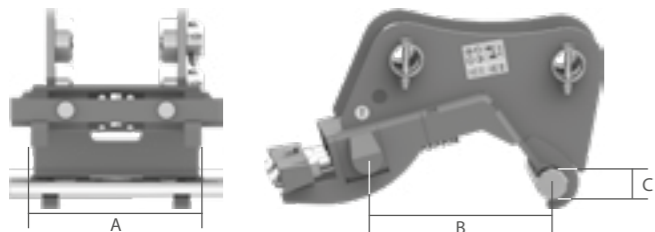
OPTIONAL

- 1 HYDRAULIC INSTALLATION KIT**
WITH THE HYDRAULIC QUICK COUPLER THE INSTALLATION KIT CAN BE PROVIDED, INCLUDING SOLENOID VALVE AND ELECTRIC SWITCH WITH MAGNETS TO EASILY PUT IT INSIDE THE CAB
- 2 LIFTING HOOK**
A HOOK APPROVED FOR LIFTING OPERATIONS CAN BE WELDED DIRECTLY ON THE QUICK COUPLER.
- 3 INTERFACE**
- 4 SET OF PINS**



THE PATENTED SEMI-AUTOMATIC CW AUT'O'LOCK QUICK COUPLER ENABLES THE FAST LOCKING AND UNLOCKING OF THE ATTACHMENTS, CONSIDERABLY REDUCING THE TIME FOR THEIR REPLACEMENT. IT IS PROVIDED WITH A SEMI-AUTOMATIC SYSTEM THAT REQUIRES THE MANUAL INTERVENTION WHEN THE TOOL HAS TO BE RELEASED. BOTH THE LOCKING AND THE SAFE BLOCKING OF THE NEW TOOL ARE AUTOMATICALLY OPERATED.

SEMI-AUTOMATIC



| TONS (LB) | 0,6 - 4,0 (1323 - 8818) | | 4,0 - 10,0 (8818 - 22046) | |
|------------------|-------------------------|-------|---------------------------|--------|
| MOD. | CW05 S.A. | | CW10 S.A. | |
| A MM (IN) | 175 | (6,9) | 305 | (12) |
| B MM (IN) | 200 | (7,9) | 300 | (11,9) |
| C MM (IN) | 40 | (1,6) | 50 | (2) |
| KG (LB) | 24 | (53) | 74 | (163) |

W/O COUPLER



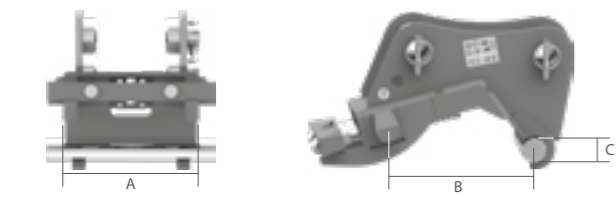
OPTIONAL

- 1 LIFTING HOOK**
A HOOK APPROVED FOR LIFTING OPERATIONS CAN BE WELDED DIRECTLY ON THE QUICK COUPLER.
- 2 CW ON HINGE**
RECOMMENDED APPLICATION ON BUCKETS.
- 3 CW FOR TILTING BUCKETS**
RECOMMENDED APPLICATIONS ON TILTING BUCKETS.
- 4 REVERSE CW**
RECOMMENDED APPLICATION ON FLAT PLATES, SUCH AS ADAPTER PLATES, MULCHERS, SHEARS, ETC.
- 5 REVERSIBLE CW**
RECOMMENDED APPLICATIONS ON BUCKETS USED IN BACK OR FRONT DIGGING WORKS.



THE HAND'O'LOCK QUICK COUPLER ALLOWS THE FAST REPLACEMENT OF THE ATTACHMENT TOOLS. THANKS TO ITS SIMPLE AND STRONG FRAME IT CAN RELY ON AN EXCELLENT QUALITY-PRICE RATIO. IN ITS HYDRAULIC VERSION WITH ITS **DOUBLE ACTION** SYSTEM, IT ENABES THE FULLY AUTOMATIC LOCKING AND UNLOCKING OPERATIONS.

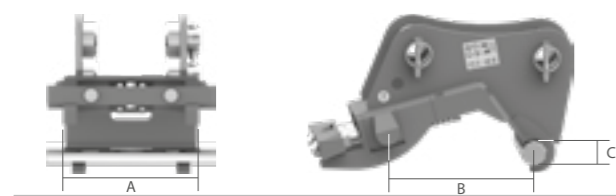
MECHANIC



W/O COUPLER

| TONS (LB) | 0,6 - 1,2 (1323 - 2646) | 0,6 - 4,0 (1323 - 8818) | 4,0 - 10,0 (8818 - 22046) |
|-------------|----------------------------|----------------------------|------------------------------|
| MOD. | CW H00 | CW H05 | CW H10 |
| A | MM (IN) 144 (5,7) | 175 (6,9) | 305 (12) |
| B | MM (IN) 150 (5,9) | 200 (7,9) | 300 (11,9) |
| C | MM (IN) 30 (1,2) | 40 (1,6) | 50 (2) |
| | KG (LB) 10 (22) | 14 (31) | 42 (93) |

HYDRAULIC DOUBLE ACTION



W/O COUPLER

MAX

| TONS (LB) | 0,6 - 4,0 (1323 - 8818) | 4,0 - 10,0 (8818 - 22046) |
|-------------|----------------------------|------------------------------|
| MOD. | CW H05 D.E. | CW H10 D.E. |
| A | MM (IN) 175 (6,9) | 305 (12) |
| B | MM (IN) 200 (7,9) | 300 (11,9) |
| C | MM (IN) 40 (1,6) | 50 (2) |
| | KG (LB) 15 (33) | 43 (95) |
| | bar (psi) 250 (3626) | 250 (3626) |



OPTIONAL

- 1 HYDRAULIC INSTALLATION KIT**
WITH THE HYDRAULIC QUICK COUPLER THE INSTALLATION KIT CAN BE PROVIDED, INCLUDING SOLENOID VALVE AND ELECTRIC SWITCH WITH MAGNETS TO EASILY PUT IT INSIDE THE CAB
- 2 LIFTING HOOK**
A HOOK APPROVED FOR LIFTING OPERATIONS CAN BE WELDED DIRECTLY ON THE QUICK COUPLER.
- 3 CW ON HINGE**
RECOMMENDED APPLICATION ON BUCKETS.
- 4 CW FOR TILTING BUCKETS**
RECOMMENDED APPLICATIONS ON TILTING BUCKETS.
- 5 REVERSE CW**
RECOMMENDED APPLICATION ON FLAT PLATES, SUCH AS ADAPTER PLATES, MULCHERS, SHEARS, ETC.
- 6 REVERSIBLE CW**
RECOMMENDED APPLICATIONS ON BUCKETS USED IN BACK OR FRONT DIGGING WORKS.

TWIST

112



BOLTED-IN ADAPTER PLATE

124



ROTOTWIST

WITH MECHANICAL QUICK COUPLER

116



ON-PINS ADAPTER PLATE

126



ROTOTWIST

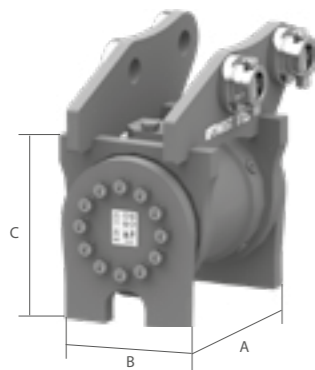
WITH HYDRAULIC QUICK COUPLER

120

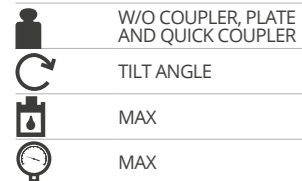




THE BI-DIRECTIONAL HYDRAULIC ACTUATOR ENABLES TO TILT TOOLS OR QUICK COUPLERS AND TO SIMPLIFY THE DIGGING OPERATIONS ALSO IN PLACES DIFFICULT TO REACH.



| TONS (LB) | 1,2 - 1,8 (2646 - 3968) | 1,8 - 4,0 (3968 - 8818) | 4,0 - 6,0 (8818 - 13228) | 6,0 - 9,0 (13228 - 19842) | 9,0 - 11,0 (19842 - 24251) | 11,0 - 16,0 (24251 - 35274) | |
|--------------------------------------|-------------------------|-------------------------|--------------------------|---------------------------|----------------------------|-----------------------------|------------|
| MOD. | TWIST 100 | TWIST 115 | TWIST 125 | TWIST 160 | TWIST 180 | TWIST 240 | |
| A MM (IN) | 245 (9,6) | 315 (12,4) | 325 (12,8) | 420 (16,5) | 485 (19,1) | 532 (20,9) | |
| B MM (IN) | 190 (7,5) | 235 (7,4) | 188 (7,4) | 220 (8,6) | 315 (12,4) | 345 (13,6) | |
| C MM (IN) | 203 (8,0) | 215 (8,5) | 265 (10,4) | 290 (11,4) | 345 (13,6) | 400 (15,7) | |
| W/O COUPLER, PLATE AND QUICK COUPLER | KG (LB) | 27 (60) | 43 (95) | 61 (135) | 113 (249) | 150 (331) | 206 (454) |
| TILT ANGLE | | 178 | 178 | 178 | 178 | 180 | 180 |
| MAX | L/MIN (GAL/MIN) | 8 (2,1) | 10 (2,6) | 15 (3,9) | 25 (6,6) | 30 (7,9) | 40 (10,5) |
| MAX | BAR (PSI) | 210 (3046) | 210 (3046) | 210 (3046) | 210 (3046) | 190 (2756) | 250 (3626) |



STANDARD TECHNICAL FEATURES

- 1 BLOCK VALVE**
IT ENABLES TO KEEP THE POSITION DECIDED BY THE OPERATOR.

OPTIONAL

- 2 HYDRAULIC INSTALLATION KIT**
WITH THE HYDRAULIC QUICK COUPLER THE INSTALLATION KIT CAN BE PROVIDED, INCLUDING SOLENOID VALVE AND ELECTRIC SWITCH WITH MAGNETS TO EASILY PUT IT INSIDE THE CAB.
AVAILABLE IN SINGLE EFFECT VERSION (A) OR IN D.E. VERSION - DOUBLE EFFECT (B)

- 3 LIFTING HOOK**
A HOOK APPROVED FOR LIFTING OPERATIONS CAN BE WELDED DIRECTLY ON THE TWIST.

MATCHING QUICK COUPLERS

- 4 AR Fast Lock
- 5 CR Twin Lock • CR Twin Lock D.E. (+Swiss market)
- 6 CS Schnappmatic • CS Schnappmatic D.E. (+Swiss market)
- 7 CS Schnappmatic D.E. CS 100 (+Swiss market)
- 8 CM Sicurmatic • CM Sicurmatic D.E. (+Swiss market)
- 9 S Nordic System • S Nordic System D.E.
- 10 PL Pin Lock • PL Pin Lock D.E.
- 11 CW Aut'o'Lock
- 12 CW Hand'o'Lock • CW Hand'o'Lock D.E.

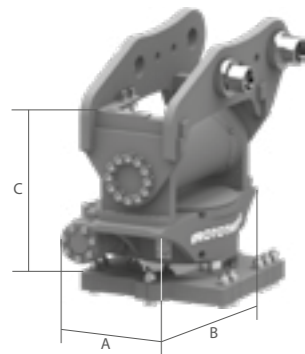
MATCHING QUICK COUPLERS



| | TONS (LB) | 1,2 - 1,8 (2646 - 3968) | 1,8 - 2,5 (3968 - 5512) | 2,5 - 4,0 (5512 - 8818) | 4,0 - 5,0 (8818 - 11023) | 5,0 - 6,0 (11023 - 13228) | 6,0 - 7,5 (13228 - 16535) | 7,5 - 9,0 (16535 - 19842) | 9,0 - 11,0 (19842 - 24251) | 11,0 - 16,0 (24251 - 35274) | |
|----|---|----------------------------|-------------------------------|----------------------------|-----------------------------|------------------------------|------------------------------|------------------------------|-------------------------------|--------------------------------|--------------------|
| | | TWIST 100 | TWIST 115 | | TWIST 115 | TWIST 125 | TWIST 125 | TWIST 160 | TWIST 160 | TWIST 180 | TWIST 240 |
| 4 | AR FAST LOCK MECHANICAL SEMI-AUTOMATIC | AR 15 S.A. | AR 30 S.A. | | AR 40 S.A. | AR 50 S.A. | AR 50 S.A. | AR 70 S.A. | - | - | - |
| | AR FAST LOCK HYDRAULIC SINGLE EFFECT | AR 15 S.E. | AR 30 S.E. | | AR 40 S.E. | AR 50 S.E. | AR 50 S.E. | AR 70 S.E. | - | - | - |
| 5 | CR TWIN LOCK MECHANICAL SEMI-AUTOMATIC | CR 15 S.A. | CR 30 S.A. | | CR 40 S.A. | CR 50 S.A. | CR 50 S.A. | CR 70 S.A. | CR 70 S.A. | CR 70 S.A. | - |
| | CR TWIN LOCK HYDRAULIC SINGLE EFFECT | CR 15 S.E. | CR 30 S.E. | | CR 40 S.E. | CR 50 S.E. | CR 50 S.E. | CR 70 S.E. | CR 70 S.E. | CR 70 S.E. | - |
| | CR TWIN LOCK HYDRAULIC DOUBLE EFFECT / SWISS | CR 15 D.E. | CR 30 D.E. | | CR 40 D.E. | CR 50 D.E. | CR 50 D.E. | CR 70 D.E. | CR 70 D.E. | CR 70 D.E. | - |
| 6 | CS SCHNAPPMATIC MECHANICAL SEMI-AUTOMATIC | CS 10 S.A. | CS 10 S.A. | | CS 30 S.A. | CS 30 S.A. | CS 80 S.A. | CS 80 S.A. | CS 80 S.A. | CS 80 S.A. | - |
| | CS SCHNAPPMATIC HYDRAULIC SINGLE EFFECT | CS 10 S.E. | CS 10 S.E. | | CS 30 S.E. | CS 30 S.E. | CS 80 S.E. | CS 80 S.E. | CS 80 S.E. | CS 80 S.E. | - |
| | CS SCHNAPPMATIC HYDRAULIC DOUBLE EFFECT / SWISS | CS 10 D.E. | CS 10 D.E. | | CS 30 D.E. | CS 30 D.E. | CS 80 D.E. | CS 80 D.E. | CS 80 D.E. | CS 80 D.E. | - |
| 7 | CS 100 SCHNAPPMATIC HYDRAULIC DOUBLE EFFECT / SWISS | - | - | | - | - | - | - | - | - | CS 100 D.E. |
| 8 | CM SICURMATIC MECHANICAL SEMI-AUTOMATIC / SWISS | CM 20 S.A. | CM 30 S.A. 4.607,00 | | CM 30 S.A. | CM 100 S.A. | CM 100 S.A. | CM 100 S.A. | CM 100 S.A. | CM 100 S.A. | - |
| | CM SICURMATIC HYDRAULIC DOUBLE EFFECT / SWISS | CM 30 S.A. | | | CM 30 D.E. | CM 100 D.E. | CM 100 D.E. | CM 100 D.E. | CM 100 D.E. | CM 100 D.E. | CM 180 D.E. |
| 9 | S NORDIC SYSTEM MECHANICAL SEMI-AUTOMATIC | S 30-150/180 S.A. | S 30-150/180 S.A. | | S 40-200/240 S.A. | S 40-200/240 S.A. | S 40-200/240 S.A. | - | - | - | - |
| | S NORDIC SYSTEM HYDRAULIC DOUBLE EFFECT | S 30-150/180 D.E. | S 30-150/180 D.E. | | S 40-200/240 D.E. | S 40-200/240 D.E. | S 40-200/240 D.E. | S 45 D.E. | S 45 D.E. | S 45 D.E. | S 60 D.E. |
| 10 | PL PIN LOCK MECHANICAL | PL 10 | PL 20 | | PL 40 | PL 60 | PL 60 | PL 60 | PL 80 | PL 100 | - |
| | PL PIN LOCK HYDRAULIC DOUBLE EFFECT | - | - | | PL 40 D.E. | PL 60 D.E. | PL 60 D.E. | PL 60 D.E. | PL 80 D.E. | PL 100 D.E. | - |
| 11 | CW AUTO'OLOCK MECHANICAL SEMI-AUTOMATIC | CW 05 S.A. | CW 05 S.A. | | CW 05 S.A. | CW 10 S.A. | CW 10 S.A. | CW 10 S.A. | CW 10 S.A. | - | - |
| 12 | CW HAND'O'LOCK MECHANICAL | CW 05 | CW 05 | | CW 05 | CW 10 | CW 10 | CW 10 | CW 10 | - | - |
| | CW HAND'O'LOCK HYDRAULIC DOUBLE EFFECT | CW 05 D.E. | CW 05 D.E. | | CW 05 D.E. | CW 10 D.E. | CW 10 D.E. | CW 10 D.E. | CW 10 D.E. | - | - |



COMBINED WITH CANGINI'S SEMI-AUTOMATIC AND MECHANICAL QUICK COUPLERS THIS ROTARY HYDRAULIC ACTUATOR ENABLES TO TILT ANY ATTACHED TOOL BY 55° AND TO ROTATE IT BY 360°.



| TONS (LB) | 1,8 - 2,5 (3968 - 5512) | 2,5 - 3,5 (5512 - 7716) | 3,5 - 6,0 (7716 - 13228) | 6,0 - 9,0 (13228 - 19842) | 9,0 - 12,0 (19842 - 26455) | 12,0 - 15,0 (26455 - 33069) | |
|--------------------------------------|-------------------------|-------------------------|--------------------------|---------------------------|----------------------------|-----------------------------|-----------|
| MOD. | ROTOTWIST 20 | ROTOTWIST 35 | ROTOTWIST 60 | ROTOTWIST 90 | ROTOTWIST 120 | ROTOTWIST 150 | |
| A MM (IN) | 326 (12,8) | 326 (12,8) | 350 (13,7) | 455 (17,9) | 455 (17,9) | 520 (20,4) | |
| B MM (IN) | 301 (11,8) | 353 (13,8) | 478 (18,8) | 480 (18,8) | 540 (21,2) | 585 (23,0) | |
| C MM (IN) | 293 (11,5) | 303 (11,9) | 339 (13,3) | 414 (16,2) | 421 (16,5) | 459 (18,1) | |
| W/O COUPLER, PLATE AND QUICK COUPLER | KG (LB) | 89 (196) | 98 (216) | 171 (377) | 262 (578) | 281 (619) | 390 (869) |
| ROTOTWIST | L/MIN (GAL/MIN) | 28 (7) | 28 (7) | 28 (7) | 45 (12) | 45 (12) | 45 (12) |
| HYDRAULIC JOINT (OPTIONAL) | L/MIN (GAL/MIN) | 42 (11) | 42 (11) | 52 (13) | 130 (34) | 130 (34) | 160 (42) |



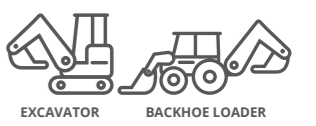
OPTIONAL

- 1 **BLOCK VALVE**
IT ALLOWS TO MAINTAIN THE TOOL'S CHOSEN POSITION EVEN WITH MACHINES WITH OPEN CENTRE CIRCUITS AND IN CASE OF LEAKAGE.

MATCHING QUICK COUPLERS









- 2 AR Fast Lock *mechanical S.A.*
- 3 CR Twin Lock *mechanical S.A.*
- 4 CS Schnappmatic *mechanical S.A.*
- 5 CM Sicurmatic *mechanical S.A.*
- 6 S Nordic System *mechanical S.A.*
- 7 PL Pin Lock *mechanical*
- 8 CW Aut'o'lock *mechanical S.A.*
- 9 CW Hand'o'lock *mechanical*

ROTOTWIST with mechanical quick coupler



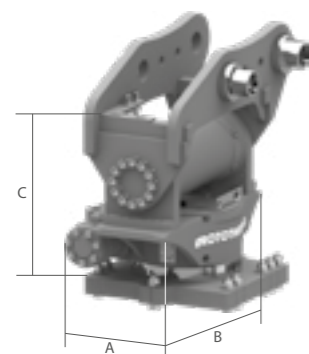
MATCHING QUICK COUPLERS



| | | TONS (LB) | 2 - 2,5 (4409 - 5512) | 2,5 - 3,5 (5512 - 7716) | 3,5 - 4,0 (7716 - 8818) | | 4,0 - 5,0 (8818 - 11023) | 5,0 - 6,0 (11023 - 13228) | 6,0 - 7,5 (13228 - 16535) | 7,5 - 9,0 (16535 - 19842) | 9,0 - 10,0 (19842 - 22046) | 10,0 - 12,0 (22046 - 26455) | 12,0 - 15,0 (26455 - 33069) |
|---|---|--------------|--------------------------|----------------------------|----------------------------|--|-----------------------------|------------------------------|------------------------------|------------------------------|-------------------------------|--------------------------------|--------------------------------|
| | | | ROTOTWIST 20 | ROTOTWIST 35 | ROTOTWIST 60 | | ROTOTWIST 60 | ROTOTWIST 60 | ROTOTWIST 90 | ROTOTWIST 90 | ROTOTWIST 120 | ROTOTWIST 120 | ROTOTWIST 150 |
| 2 |  AR FAST LOCK MECHANICAL SEMI-AUTOMATIC | | AR 30 S.A. | AR 40 S.A. | AR 40 S.A. | | AR 50 S.A. | AR 50 S.A. | AR 70 S.A. | - | - | - | - |
| 3 |  CR TWIN LOCK MECHANICAL SEMI-AUTOMATIC | | CR 30 S.A. | CR 40 S.A. | CR 40 S.A. | | CR 50 S.A. | CR 50 S.A. | CR 70 S.A. | CR 70 S.A. | CR 70 S.A. | CR 70 S.A. | - |
| 4 |  CS SCHNAPPMATIC MECHANICAL SEMI-AUTOMATIC | | CS 10 S.A. | CS 30 S.A. | CS 30 S.A. | | CS 30 S.A. | CS 80 S.A. | CS 80 S.A. | CS 80 S.A. | CS 80 S.A. | CS 80 S.A. | - |
| 5 |  CM SICURMATIC MECHANICAL SEMI-AUTOMATIC / SWISS | | CM 30 S.A. | CM 30 S.A. | CM 30 S.A. | | CM 100 S.A. | CM 100 S.A. | CM 100 S.A. | CM 100 S.A. | CM 100 S.A. | - | - |
| 6 |  S NORDIC SYSTEM MECHANICAL SEMI-AUTOMATIC | | S 30-150/180 S.A. | S 40-200/240 S.A. | S 40-200/240 S.A. | | S 40-200/240 S.A. | S 40-200/240 S.A. | - | - | - | - | - |
| 7 |  PL PIN LOCK MECHANICAL | | PL 20 | PL 40 | PL 40 | | PL 60 | PL 60 | PL 60 | PL 80 | PL 80 | PL 80 | PL 100 |
| 8 |  CW AUTO'LOCK MECHANICAL SEMI-AUTOMATIC | | CW 05 SM S.A. | CW 05 SM S.A. | CW 05 SM S.A. | | CW 10 SM S.A. | CW 10 SM S.A. | CW 10 SM S.A. | CW 10 SM S.A. | CW 10 SM S.A. | - | - |
| 9 |  CW HAND'LOCK MECHANICAL | | CW 05 | CW 05 | CW 05 | | CW 10 | CW 10 | CW 10 | CW 10 | CW 10 | - | - |



COMBINED WITH CANGINI'S HYDRAULIC QUICK COUPLERS THIS ROTARY HYDRAULIC ACTUATOR ENABLES TO TILT ANY ATTACHED TOOL BY 55° AND TO ROTATE IT BY 360°. THE USE OF DUAL CROSS RELIEF AND THROTTLE VALVES GRANTS EFFECTIVENESS AND RELIABILITY EVEN IN THE MOST DIFFICULT WORK CONDITIONS. HYDRAULIC JOINT FOR THE HYDRAULIC POWER SUPPLY OF THE TOOL ATTACHED TO THE ROTOTWIST.



| TONS (LB) | 1,2 - 2,5 (2646 - 5512) | 2,5 - 3,5 (5512 - 7716) | 3,5 - 6,0 (7716 - 13228) | 6,0 - 9,0 (13228 - 19842) | 9,0 - 12,0 (19842 - 26455) | 12,0 - 15,0 (26455 - 33069) | |
|--------------------------------------|-------------------------|-------------------------|--------------------------|---------------------------|----------------------------|-----------------------------|-----------|
| MOD. | ROTOTWIST 20 | ROTOTWIST 35 | ROTOTWIST 60 | ROTOTWIST 90 | ROTOTWIST 120 | ROTOTWIST 150 | |
| A MM (IN) | 326 (12,8) | 326 (12,8) | 350 (13,7) | 455 (17,9) | 455 (17,9) | 520 (20,4) | |
| B MM (IN) | 301 (11,8) | 353 (13,8) | 478 (18,8) | 480 (18,8) | 540 (21,2) | 585 (23,0) | |
| C MM (IN) | 293 (11,5) | 303 (11,9) | 339 (13,3) | 414 (16,2) | 421 (16,5) | 459 (18,1) | |
| W/O COUPLER, PLATE AND QUICK COUPLER | KG (LB) | 89 (196) | 98 (216) | 171 (377) | 262 (578) | 281 (619) | 390 (869) |
| ROTOTWIST | L/MIN (GAL/MIN) | 28 (7) | 28 (7) | 28 (7) | 45 (12) | 45 (12) | 45 (12) |
| HYDRAULIC JOINT | L/MIN (GAL/MIN) | 42 (11) | 42 (11) | 52 (13) | 130 (34) | 130 (34) | 160 (42) |



STANDARD TECHNICAL FEATURES

1 HYDRAULIC JOINT

IT ENABLES TO FEED A TOOL APPLIED TO THE ROTOTWIST THROUGH A HYDRAULIC CONTROL.

OPTIONAL

2 HYDRAULIC INSTALLATION KIT

WITH THE HYDRAULIC QUICK COUPLER THE INSTALLATION KIT CAN BE PROVIDED, INCLUDING SOLENOID VALVE AND ELECTRIC SWITCH WITH MAGNETS TO EASILY PUT IT INSIDE THE CAB. AVAILABLE IN SINGLE EFFECT VERSION (A) OR IN D.E. VERSION - DOUBLE EFFECT (B)

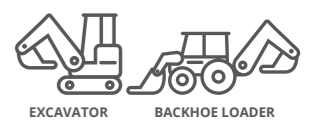
3 BLOCK VALVE

IT ALLOWS TO MAINTAIN THE TOOL'S CHOSEN POSITION EVEN WITH MACHINES WITH OPEN CENTRE CIRCUITS AND IN CASE OF LEAKAGE

MATCHING QUICK COUPLERS

- 4 AR Fast Lock S.E.
- 8 CM Sicurmatic D.E. (+Swiss market)
- 5 CR Twin Lock S.E. • CR Twin Lock D.E. (+Swiss market)
- 9 S Nordic System D.E.
- 6 CS Schnappmatic S.E. • CS Schnappmatic D.E. (+Swiss market)
- 10 PL Pin Lock D.E.
- 7 CS Schnappmatic D.E. CS 100 (+Swiss market)
- 11 CW Hand'o'Lock D.E.

ROTOTWIST with hydraulic quick coupler



MATCHING QUICK COUPLERS



| | | TONS (LB) | 2 - 2,5 (4409 - 5512) | 2,5 - 3,5 (5512 - 7716) | 3,5 - 4,0 (7716 - 8818) | | 4,0 - 5,0 (8818 - 11023) | 5,0 - 6,0 (11023 - 13228) | 6,0 - 7,5 (13228 - 16535) | 7,5 - 9,0 (16535 - 19842) | 9,0 - 10,0 (19842 - 22046) | 10,0 - 12,0 (22046 - 26455) | 12,0 - 15,0 (26455 - 33069) |
|----|---|--------------|--------------------------|----------------------------|----------------------------|--|-----------------------------|------------------------------|------------------------------|------------------------------|-------------------------------|--------------------------------|--------------------------------|
| | | | ROTOTWIST 20 | ROTOTWIST 35 | ROTOTWIST 60 | | ROTOTWIST 60 | ROTOTWIST 60 | ROTOTWIST 90 | ROTOTWIST 90 | ROTOTWIST 120 | | |
| 4 | AR FAST LOCK HYDRAULIC SINGLE EFFECT | | AR 30 S.E. | AR 40 S.E. | AR 40 S.E. | | AR 50 S.E. | AR 50 S.E. | AR 70 S.E. | - | - | - | - |
| 5 | CR TWIN LOCK HYDRAULIC SINGLE EFFECT | | CR 30 S.E. | CR 40 S.E. | CR 40 S.E. | | CR 50 S.E. | CR 50 S.E. | CR 70 S.E. | CR 70 S.E. | CR 70 S.E. | CR 70 S.E. | - |
| | CR TWIN LOCK HYDRAULIC DOUBLE EFFECT / SWISS | | CR 30 D.E. | CR 40 D.E. | CR 50 D.E. | | CR 50 D.E. | CR 70 D.E. | CR 70 D.E. | CR 70 D.E. | CR 70 D.E. | CR 70 D.E. | - |
| 6 | CS SCHNAPPMATIC HYDRAULIC SINGLE EFFECT | | CS 10 S.E. | CS 30 S.E. | CS 30 S.E. | | CS 30 S.E. | CS 80 S.E. | CS 80 S.E. | CS 80 S.E. | CS 80 S.E. | CS 80 S.E. | - |
| | CS SCHNAPPMATIC HYDRAULIC DOUBLE EFFECT / SWISS | | CS 10 D.E. | CS 30 D.E. | CS 30 D.E. | | CS 30 D.E. | CS 80 D.E. | CS 80 D.E. | CS 80 D.E. | CS 80 D.E. | CS 80 D.E. | - |
| 7 | CS 100 SCHNAPPMATIC HYDRAULIC DOUBLE EFFECT / SWISS | | - | - | - | | - | - | - | - | - | - | CS 100 D.E. |
| 8 | CM SICURMATIC HYDRAULIC DOUBLE EFFECT / SWISS | | CM 30 D.E. | CM 30 D.E. | CM 30 D.E. | | CM 100 D.E. | CM 100 D.E. | CM 100 D.E. | CM 100 D.E. | CM 100 D.E. | CM 180 D.E. | CM 180 D.E. |
| 9 | S NORDIC SYSTEM HYDRAULIC DOUBLE EFFECT | | S 30-150/180 D.E. | S 40-200/240 D.E. | S 40-200/240 D.E. | | S 40-200/240 D.E. | S 40-200/240 D.E. | S 45 D.E. | S 45 D.E. | S 45 D.E. | S 45 D.E. | S 60 D.E. |
| | | | | | | | | | S 50 D.E. | S 50 D.E. | S 50 D.E. | S 50 D.E. | - |
| 10 | PL PIN LOCK HYDRAULIC DOUBLE EFFECT | | - | PL 40 D.E. | PL 60 D.E. | | PL 60 D.E. | PL 60 D.E. | PL 60 D.E. | PL 80 D.E. | PL 80 D.E. | PL 100 D.E. | PL 100 D.E. |
| 11 | CW HAND'O'LOCK HYDRAULIC DOUBLE EFFECT | | CW 05 D.E. | CW 05 D.E. | CW 05 D.E. | | CW 10 D.E. | CW 10 D.E. | CW 10 D.E. | CW 10 D.E. | CW 10 D.E. | - | - |

*UP 14,0 TON (30865 LB)





IT CAN BE MANUFACTURED FOR ANY BRAND OR MODEL OF HAMMER. IT ENABLE THE COUPLING TO THE MACHINE WITH FIXED OR QUICK COUPLER.

OPTIONAL

1 "CASTLE" STRUCTURE

IT'S NECESSARY IN CASE THE HITCH OF THE MACHINE SHOULD INTERFERE WITH THE HOLES ON THE PLATE OR WITH PARTICULAR CONFIGURATIONS OF THE HAMMER.

SM38 MACHINE WEIGHT 0,6 - 1,8 t (1323 - 3968 lb)

| |
|------------------|
| |
| AR15 |
| CR15 |
| CS10 |
| CS10 JANUS PRO |
| PL10 PIN LOCK |
| CW05 AUTO'O'LOCK |
| S |
| CM |

OPTIONAL

"CASTLE" STRUCTURE

SM67 MACHINE WEIGHT 5,0 - 6,0 t (11023 - 13228 lb)

| |
|------------------|
| |
| AR50 |
| CR50 |
| CS30 |
| CS30 JANUS PRO |
| PL60 PIN LOCK |
| CW10 AUTO'O'LOCK |
| S |
| CM |

OPTIONAL

"CASTLE" STRUCTURE

SM45 MACHINE WEIGHT 1,8 - 2,5 t (3968 - 5512 lb)

| |
|------------------|
| |
| AR30 |
| CR30 |
| CS10 |
| CS10 JANUS PRO |
| PL20 PIN LOCK |
| CW05 AUTO'O'LOCK |
| S |
| CM |

OPTIONAL

"CASTLE" STRUCTURE

SM67 MACHINE WEIGHT 6,0 - 7,5 t (13228 - 16535 lb)

| |
|------------------|
| |
| AR70 |
| CR70 |
| CS80 |
| CS80 JANUS PRO |
| PL60 PIN LOCK |
| CW10 AUTO'O'LOCK |
| S |
| CM |

OPTIONAL

"CASTLE" STRUCTURE

SM53 MACHINE WEIGHT 2,5 - 4,0 t (5512 - 8818 lb)

| |
|------------------|
| |
| AR40 |
| CR40 |
| CS30 |
| CS30 JANUS PRO |
| PL40 PIN LOCK |
| CW05 AUTO'O'LOCK |
| S |
| CM |

OPTIONAL

"CASTLE" STRUCTURE

SM73 MACHINE WEIGHT 7,5 - 10,0 t (16535 - 22046 lb)

| |
|------------------|
| |
| CR70 |
| CS80 |
| CS10 JANUS PRO |
| PL80 PIN LOCK |
| CW10 AUTO'O'LOCK |
| S |
| CM |

OPTIONAL

"CASTLE" STRUCTURE

SM62 MACHINE WEIGHT 4,0 - 5,0 t (8818 - 11023 lb)

| |
|------------------|
| |
| AR50 |
| CR50 |
| CS30 |
| CS30 JANUS PRO |
| PL60 PIN LOCK |
| CW10 AUTO'O'LOCK |
| S |
| CM |

OPTIONAL

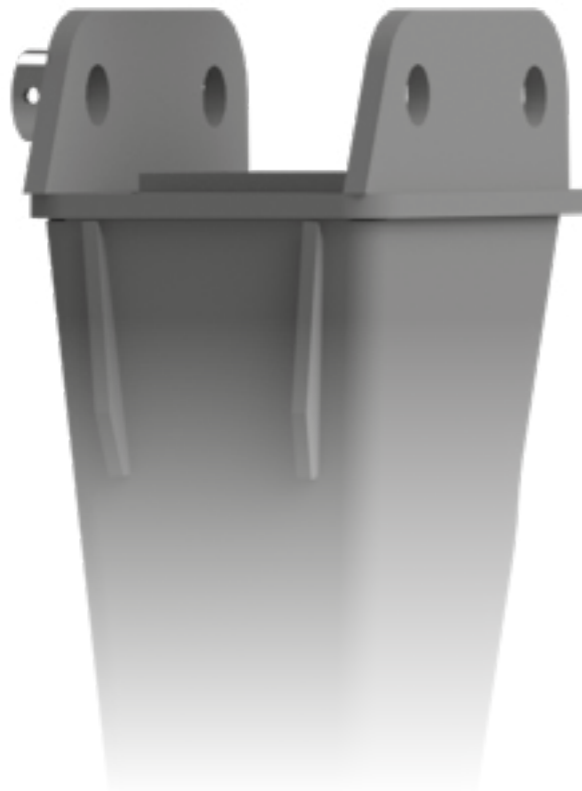
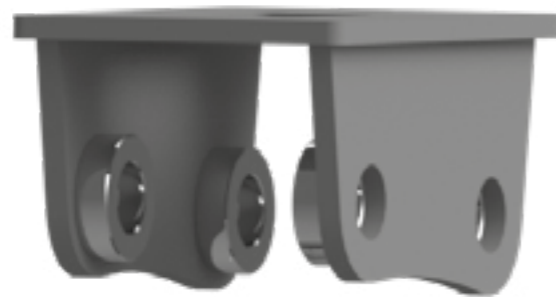
"CASTLE" STRUCTURE

SM80 MACHINE WEIGHT 10,0 - 12,0 t (22046 - 26455 lb)

| |
|------------------|
| |
| CR70 |
| CS80 |
| CS80 JANUS PRO |
| PL10 PIN LOCK |
| CW10 AUTO'O'LOCK |
| S |
| CM |

OPTIONAL

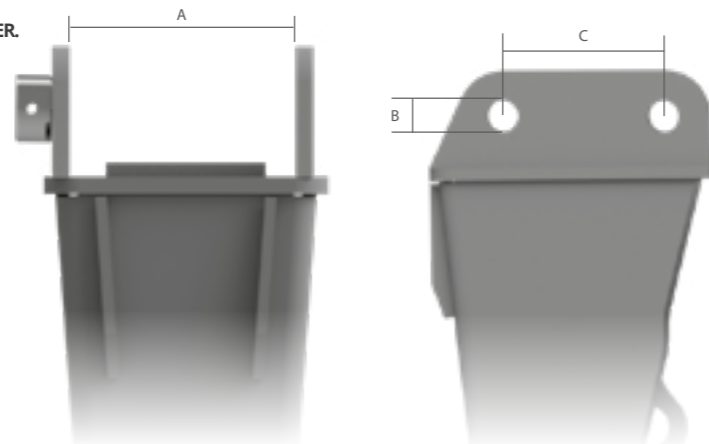
"CASTLE" STRUCTURE



IT CAN BE MANUFACTURED FOR ANY BRAND OR MODEL OF HAMMER. IT ENABLE THE COUPLING TO THE MACHINE WITH FIXED OR QUICK COUPLER.

TECHNICAL NOTE

THE A, B AND C MEASURES HERE INDICATED ARE TO BE INSERTED IN THE ORDER.



SM38 MACHINE WEIGHT 0,6 - 1,8 t (1323 - 3968 lb)

| |
|----------------|
| |
| AR15 |
| CR15 |
| CS10 |
| CS10 JANUS PRO |
| PL10 PIN LOCK |
| CW05 AUTO'LOCK |
| S |
| CM |

SM67 MACHINE WEIGHT 5,0 - 6,0 t (11023 - 13228 lb)

| |
|----------------|
| |
| AR50 |
| CR50 |
| CS30 |
| CS30 JANUS PRO |
| PL60 PIN LOCK |
| CW10 AUTO'LOCK |
| S |
| CM |

SM45 MACHINE WEIGHT 1,8 - 2,5 t (3968 - 5512 lb)

| |
|----------------|
| |
| AR30 |
| CR30 |
| CS10 |
| CS10 JANUS PRO |
| PL20 PIN LOCK |
| CW05 AUTO'LOCK |
| S |
| CM |

SM67 MACHINE WEIGHT 6,0 - 7,5 t (13228 - 16535 lb)

| |
|----------------|
| |
| AR70 |
| CR70 |
| CS80 |
| CS80 JANUS PRO |
| PL60 PIN LOCK |
| CW10 AUTO'LOCK |
| S |
| CM |

SM53 MACHINE WEIGHT 2,5 - 4,0 t (5512 - 8818 lb)

| |
|----------------|
| |
| AR40 |
| CR40 |
| CS30 |
| CS30 JANUS PRO |
| PL40 PIN LOCK |
| CW05 AUTO'LOCK |
| S |
| CM |

SM73 MACHINE WEIGHT 7,5 - 10,0 t (16535 - 22046 lb)

| |
|----------------|
| |
| CR70 |
| CS80 |
| CS10 JANUS PRO |
| PL80 PIN LOCK |
| CW10 AUTO'LOCK |
| S |
| CM |

SM62 MACHINE WEIGHT 4,0 - 5,0 t (8818 - 11023 lb)

| |
|----------------|
| |
| AR50 |
| CR50 |
| CS30 |
| CS30 JANUS PRO |
| PL60 PIN LOCK |
| CW10 AUTO'LOCK |
| S |
| CM |

SM80 MACHINE WEIGHT 10,0 - 12,0 t (22046 - 26455 lb)

| |
|----------------|
| |
| CR70 |
| CS80 |
| CS80 JANUS PRO |
| PL10 PIN LOCK |
| CW10 AUTO'LOCK |
| S |
| CM |



| | | | |
|--------------------------------------|-----|----|--|
| DIGGING BUCKET | 130 | SC |  |
| DITCH CLEANING BUCKET | 146 | SP |  |
| TILTING DITCH CLEANING BUCKET | 154 | SQ |  |
| SKELETON BUCKET | 162 | VE |  |
| TRAPEZOIDAL BUCKET | 170 | T |  |

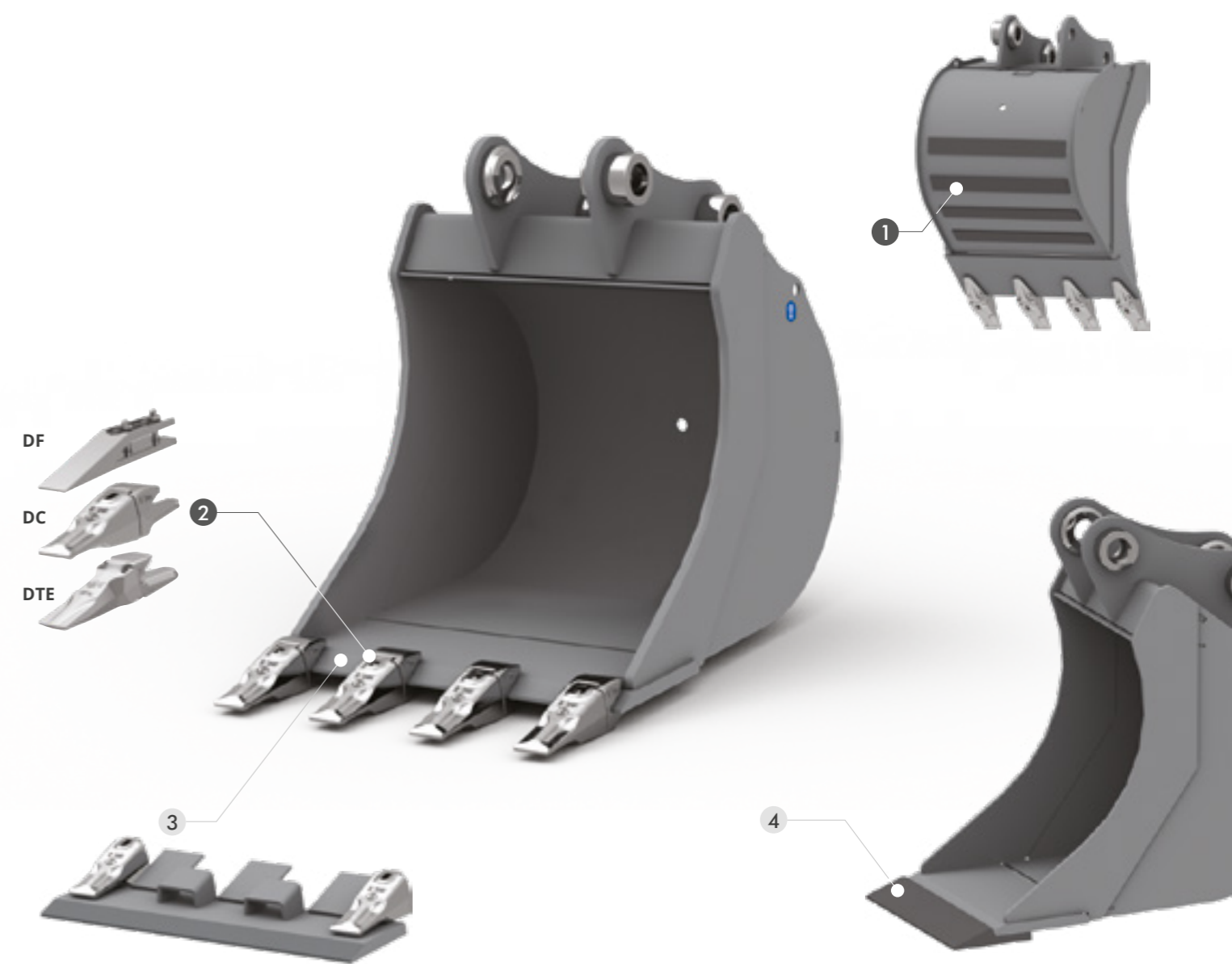
| | | | |
|---|-----|-----|---|
| STONE BUCKET | 178 | SCR |  |
| STONE BUCKET FOR STONE BLOCKS | 192 | SB |  |
| REINFORCED DITCH CLEANING BUCKET | 204 | SPR |  |
| REINFORCED TILTING DITCH CLEANING BUCKET | 212 | SQR |  |



ADAPTERS



ITS SHAPE HAS BEEN CONCEIVED TO HELP THE TOOL TO PENETRATE MEDIUM-CONSISTENCY SOILS.



STANDARD TECHNICAL FEATURES

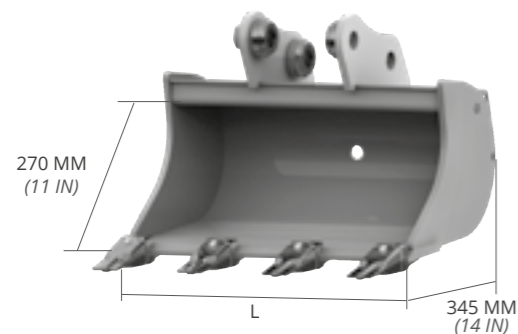
- 1 REINFORCING STRIPS**
THE HORIZONTAL REINFORCING STRIPS ON THE BUCKET'S REAR AND BOTTOM PROTECT THE BUCKET FROM WEAR AND INCREASE ITS RESISTANCE.
- 2 DF TEETH DC TEETH DTE TEETH**

OPTIONAL

- 3 GRADING EDGE**
INSTALLED DIRECTLY ON THE ADAPTERS OF THE WELDED TEETH. THIS PATTERN MAKES THE INSTALLING/UNINSTALLING OPERATIONS EASIER AND GRANTS A HIGH RESISTANCE TO THE BUCKET.
- 4 HB500 WELDED ADDITIONAL CUTTING EDGE (NO TEETH)**
RECOMMENDED TO WORK ON PARTICULARLY ABRASIVE SOILS.

| MOD. | MIDI EXCAVATOR | | | | | | | | | | | | |
|-----------|-------------------------|-------------------------|-------------------------|-------------------------|-------------------------|--------------------------|---------------------------|----------------------------|-----------------------------|-----------------------------|-----------------------------|-----------------------------|-----------------------------|
| | SC27 | SC36 | SC38 | SC45 | SC53 | SC62 | SC67 | SC73 | SC80 | SC85 | SC92 GD | SC100GD | SC110GD |
| TONS (LB) | 0,6 - 1,2 (1323 - 2646) | 1,2 - 1,8 (2646 - 3968) | 1,2 - 1,8 (2646 - 3968) | 1,8 - 2,5 (3968 - 5512) | 2,5 - 4,0 (5512 - 8818) | 4,0 - 5,0 (8818 - 11023) | 5,0 - 7,5 (11023 - 16535) | 7,5 - 10,0 (16535 - 22046) | 10,0 - 12,0 (22046 - 26455) | 12,0 - 14,0 (26455 - 30865) | 12,0 - 14,0 (26455 - 30865) | 14,0 - 16,0 (30865 - 35274) | 16,0 - 19,0 (35274 - 41887) |

SC27 MACHINE WEIGHT 0,6 - 1,2 t (1323 - 2646 lb)

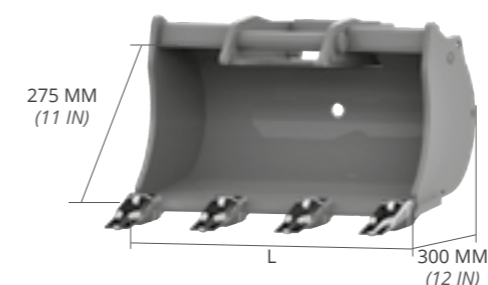
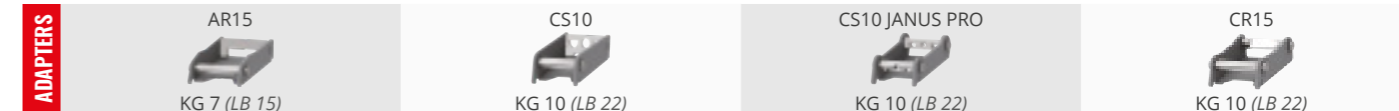


| L MM (IN) | WEIGHT KG* (LB*) | CAP. SAE L (GAL) | TEETH N° | ADAPTERS |
|-----------------|------------------------|------------------------|-------------|----------|
|-----------------|------------------------|------------------------|-------------|----------|

| | | | | |
|-------------|------------|--------------|----------------|--------|
| 200 (8) | 11 (24) | 10 (2,6) | 2 | AF |
| | | | | S - CM |
| | | | | CW |
| 250 (10) | 13 (29) | 14 (3,7) | DF2 DC3 DE3 | AF |
| | | | | S - CM |
| | | | | CW |
| 300 (12) | 15 (33) | 18 (4,8) | 3 | AF |
| | | | | S - CM |
| | | | | CW |
| 350 (14) | 17 (37) | 21 (5,5) | 3 | AF |
| | | | | S - CM |
| | | | | CW |
| 400 (16) | 18 (40) | 25 (6,6) | 3 | AF |
| | | | | S - CM |
| | | | | CW |
| 450 (18) | 20 (44) | 30 (7,9) | 3 | AF |
| | | | | S - CM |
| | | | | CW |
| 500 (20) | 22 (49) | 34 (9,0) | 4 | AF |
| | | | | S - CM |
| | | | | CW |
| 600 (24) | 26 (57) | 42 (11,1) | 4 | AF |
| | | | | S - CM |
| | | | | CW |
| 700 (28) | 30 (66) | 50 (13,2) | 5 | AF |
| | | | | S - CM |
| | | | | CW |

* weight of the tank excluding attachment

SC27 QUICK COUPLER MACHINE WEIGHT 0,6 - 1,2 t (1323 - 2646 lb)



OPTIONAL

| | |
|------------------------|---|
| 3 | 4 |
| SUPPLEMENTARY BLADE | HB500 WELDED ADDITIONAL CUTTING EDGE |

OPTIONAL

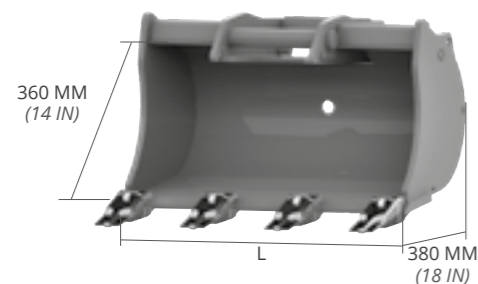
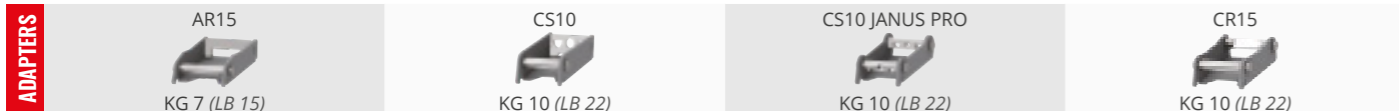
| | |
|------------------------|---|
| 3 | 4 |
| SUPPLEMENTARY BLADE | HB500 WELDED ADDITIONAL CUTTING EDGE |

| L MM (IN) | WEIGHT KG* (LB*) | CAP. SAE L (GAL) | TEETH N° | ADAPTERS |
|-----------------|------------------------|------------------------|-------------|----------|
|-----------------|------------------------|------------------------|-------------|----------|

| | | | | |
|-------------|------------|--------------|----------------|--------------|
| 200 (8) | 11 (24) | 10 (2,6) | 2 | AR - CS |
| | | | | CR |
| | | | | CS JANUS PRO |
| 250 (10) | 13 (29) | 14 (3,7) | DF2 DC3 DE3 | AR - CS |
| | | | | CR |
| | | | | CS JANUS PRO |
| 300 (12) | 15 (33) | 18 (4,8) | 3 | AR - CS |
| | | | | CR |
| | | | | CS JANUS PRO |
| 350 (14) | 17 (37) | 21 (5,5) | 3 | AR - CS |
| | | | | CR |
| | | | | CS JANUS PRO |
| 400 (16) | 18 (40) | 25 (6,6) | 3 | AR - CS |
| | | | | CR |
| | | | | CS JANUS PRO |
| 450 (18) | 20 (44) | 30 (7,9) | 3 | AR - CS |
| | | | | CR |
| | | | | CS JANUS PRO |
| 500 (20) | 22 (49) | 34 (9,0) | 4 | AR - CS |
| | | | | CR |
| | | | | CS JANUS PRO |
| 600 (24) | 26 (57) | 42 (11,1) | 4 | AR - CS |
| | | | | CR |
| | | | | CS JANUS PRO |
| 700 (28) | 30 (66) | 50 (13,2) | 5 | AR - CS |
| | | | | CR |
| | | | | CS JANUS PRO |

* weight of the tank excluding attachment

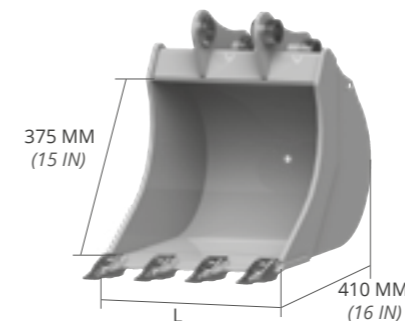
SC36 MACHINE WEIGHT 1,2 - 1,8 t (2646 - 3968 lb)



| L MM (IN) | WEIGHT KG* (LB*) | CAP. SAE L (GAL) | TEETH N. | ADAPTERS |
|-----------------|------------------------|------------------------|-------------------|-------------------------------|
| 200 (8) | 15 (33) | 15 (4,0) | 2 | AR - CS CR CS JANUS PRO |
| 250 (10) | 17 (37) | 20 (5,3) | DF2 DC3 DE3 | AR - CS CR CS JANUS PRO |
| 300 (12) | 19 (42) | 25 (6,6) | 3 | AR - CS CR CS JANUS PRO |
| 350 (14) | 21 (46) | 31 (8,2) | 3 | AR - CS CR CS JANUS PRO |
| 400 (16) | 24 (53) | 37 (9,8) | 3 | AR - CS CR CS JANUS PRO |
| 450 (18) | 27 (60) | 43 (11,4) | 3 | AR - CS CR CS JANUS PRO |
| 500 (20) | 30 (66) | 49 (12,4) | 4 | AR - CS CR CS JANUS PRO |
| 600 (24) | 34 (75) | 61 (16,1) | 4 | AR - CS CR CS JANUS PRO |
| 700 (28) | 39 (86) | 74 (19,5) | 5 | AR - CS CR CS JANUS PRO |

* weight of the tank excluding attachment

SC38 MACHINE WEIGHT 1,2 - 1,8 t (2646 - 3968 lb)



| L MM (IN) | WEIGHT KG* (LB*) | CAP. SAE L (GAL) | TEETH N. | ADAPTERS |
|-----------------|------------------------|------------------------|-------------------|--|
| 200 (8) | 15 (33) | 15 (4,0) | 2 | AF - AR - CS CR - S - CM CW - CS JANUS PRO |
| 250 (10) | 17 (37) | 20 (5,3) | DF2 DC3 DE3 | AF - AR - CS CR - S - CM CW - CS JANUS PRO |
| 300 (12) | 19 (42) | 25 (6,6) | 3 | AF - AR - CS CR - S - CM CW - CS JANUS PRO |
| 350 (14) | 21 (46) | 31 (8,2) | 3 | AF - AR - CS CR - S - CM CW - CS JANUS PRO |
| 400 (16) | 24 (53) | 37 (9,8) | 3 | AF - AR - CS CR - S - CM CW - CS JANUS PRO |
| 450 (18) | 27 (60) | 43 (11,4) | 3 | AF - AR - CS CR - S - CM CW - CS JANUS PRO |
| 500 (20) | 30 (66) | 49 (12,4) | 4 | AF - AR - CS CR - S - CM CW - CS JANUS PRO |
| 600 (24) | 34 (75) | 61 (16,1) | 4 | AF - AR - CS CR - S - CM CW - CS JANUS PRO |
| 700 (28) | 39 (86) | 74 (19,5) | 5 | AF - AR - CS CR - S - CM CW - CS JANUS PRO |

* weight of the tank excluding attachment

OPTIONAL

3 SUPPLEMENTARY BLADE

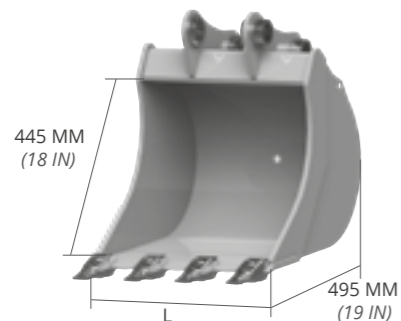
4 HB500 WELDED ADDITIONAL CUTTING EDGE

OPTIONAL

3 SUPPLEMENTARY BLADE

4 HB500 WELDED ADDITIONAL CUTTING EDGE

SC45 MACHINE WEIGHT 1,8 - 2,5 t (3968 - 5512 lb)



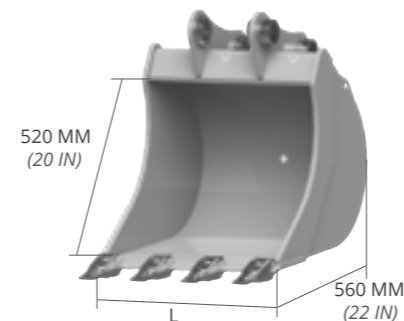
OPTIONAL

- 3 SUPPLEMENTARY BLADE
- 4 HB500 WELDED ADDITIONAL CUTTING EDGE

| L MM (IN) | WEIGHT KG* (LB*) | CAP. SAE L (GAL) | TEETH N. | ADAPTERS |
|-----------------|------------------------|------------------------|-------------|--|
| 250 (10) | 23 (51) | 25 (6,6) | 2 | AF - AR - CS CR - S - CM CW - CS JANUS PRO |
| 300 (12) | 26 (57) | 33 (8,7) | 3 | AF - AR - CS CR - S - CM CW - CS JANUS PRO |
| 350 (14) | 29 (64) | 40 (10,6) | 3 | AF - AR - CS CR - S - CM CW - CS JANUS PRO |
| 400 (16) | 32 (71) | 48 (12,7) | 3 | AF - AR - CS CR - S - CM CW - CS JANUS PRO |
| 450 (18) | 35 (77) | 56 (14,8) | 3 | AF - AR - CS CR - S - CM CW - CS JANUS PRO |
| 500 (20) | 38 (84) | 65 (17,2) | 4 | AF - AR - CS CR - S - CM CW - CS JANUS PRO |
| 600 (24) | 44 (97) | 82 (21,7) | 4 | AF - AR - CS CR - S - CM CW - CS JANUS PRO |
| 700 (28) | 50 (110) | 100 (26,4) | 5 | AF - AR - CS CR - S - CM CW - CS JANUS PRO |
| 800 (31) | 58 (128) | 117 (30,9) | 5 | AF - AR - CS CR - S - CM CW - CS JANUS PRO |

* weight of the tank excluding attachment

SC53 MACHINE WEIGHT 2,5 - 4,0 t (5512 - 8818 lb)



OPTIONAL

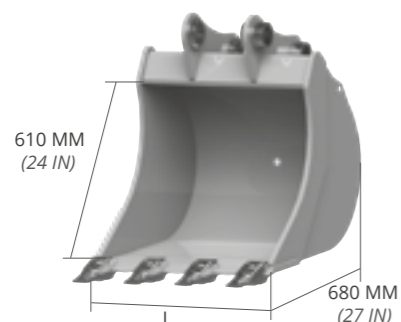
- 3 SUPPLEMENTARY BLADE
- 4 HB500 WELDED ADDITIONAL CUTTING EDGE

| L MM (IN) | WEIGHT KG* (LB*) | CAP. SAE L (GAL) | TEETH N. | ADAPTERS |
|-----------------|------------------------|------------------------|-------------|--|
| 250 (10) | 32 (71) | 32 (8,5) | 2 | AF - AR - CS CR - S - CM CW - CS JANUS PRO |
| 300 (12) | 35 (77) | 41 (10,8) | 3 | AF - AR - CS CR - S - CM CW - CS JANUS PRO |
| 350 (14) | 40 (88) | 51 (13,5) | 3 | AF - AR - CS CR - S - CM CW - CS JANUS PRO |
| 400 (16) | 44 (97) | 61 (16,1) | 3 | AF - AR - CS CR - S - CM CW - CS JANUS PRO |
| 450 (18) | 48 (106) | 72 (19,0) | 3 | AF - AR - CS CR - S - CM CW - CS JANUS PRO |
| 500 (20) | 51 (112) | 82 (21,7) | 4 | AF - AR - CS CR - S - CM CW - CS JANUS PRO |
| 600 (24) | 59 (130) | 105 (27,7) | 4 | AF - AR - CS CR - S - CM CW - CS JANUS PRO |
| 700 (28) | 67 (148) | 127 (33,5) | 5 | AF - AR - CS CR - S - CM CW - CS JANUS PRO |
| 800 (31) | 75 (165) | 152 (40,2) | 5 | AF - AR - CS CR - S - CM CW - CS JANUS PRO |
| 900 (35) | 83 (183) | 175 (46,2) | 5 | AF - AR - CS CR - S - CM CW - CS JANUS PRO |

* weight of the tank excluding attachment

SC62 MACHINE WEIGHT 4,0 - 5,0 t (8818 - 11023 lb)

| ADAPTERS | AR50 | CS30 | CS30 JANUS PRO | CR50 | CM100 | S40-200 | S40-240 | CW10 |
|----------|---------------|---------------|----------------|---------------|---------------|---------------|---------------|---------------|
| | KG 17 (LB 37) | KG 18 (LB 39) | KG 19 (LB 41) | KG 22 (LB 48) | KG 35 (LB 77) | KG 15 (LB 33) | KG 17 (LB 37) | KG 23 (LB 50) |

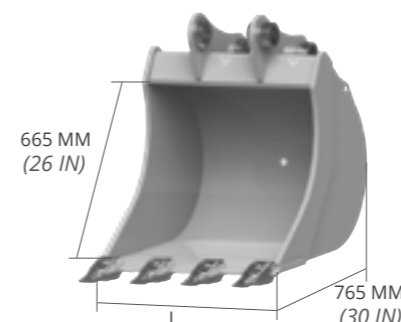


| L MM (IN) | WEIGHT KG* (LB*) | CAP. L SAE (GAL) | TEETH N. | ADAPTERS |
|-----------------|------------------------|------------------------|-------------|--|
| 250 (10) | 48 (106) | 45 (11,9) | 2 | AF - AR - CS CR - S - CM CW - CS JANUS PRO |
| 300 (12) | 53 (117) | 58 (15,3) | 3 | AF - AR - CS CR - S - CM CW - CS JANUS PRO |
| 350 (14) | 58 (128) | 71 (18,8) | 3 | AF - AR - CS CR - S - CM CW - CS JANUS PRO |
| 400 (16) | 63 (139) | 85 (22,5) | 3 | AF - AR - CS CR - S - CM CW - CS JANUS PRO |
| 450 (18) | 68 (150) | 100 (26,4) | 3 | AF - AR - CS CR - S - CM CW - CS JANUS PRO |
| 500 (20) | 73 (161) | 115 (30,4) | 4 | AF - AR - CS CR - S - CM CW - CS JANUS PRO |
| 600 (24) | 84 (185) | 147 (38,8) | 4 | AF - AR - CS CR - S - CM CW - CS JANUS PRO |
| 700 (28) | 95 (209) | 180 (47,6) | 5 | AF - AR - CS CR - S - CM CW - CS JANUS PRO |
| 800 (31) | 106 (234) | 213 (56,3) | 5 | AF - AR - CS CR - S - CM CW - CS JANUS PRO |
| 900 (35) | 117 (258) | 248 (65,5) | 6 | AF - AR - CS CR - S - CM CW - CS JANUS PRO |
| 1000 (39) | 128 (282) | 282 (74,5) | 6 | AF - AR - CS CR - S - CM CW - CS JANUS PRO |

* weight of the tank excluding attachment

SC67 MACHINE WEIGHT 5,0 - 7,5 t (11023 - 16535 lb)

| ADAPTERS | AR50 | AR70 | CS80 | CS80 JANUS PRO | CR50 | CR70 | CM100 | S40-200 | S40-240 | S45 | S50 | CW10 |
|----------|---------------|---------------|---------------|----------------|---------------|---------------|---------------|---------------|---------------|---------------|---------------|---------------|
| | KG 17 (LB 37) | KG 24 (LB 52) | KG 44 (LB 97) | KG 46 (LB 101) | KG 22 (LB 48) | KG 34 (LB 75) | KG 35 (LB 77) | KG 15 (LB 33) | KG 17 (LB 37) | KG 28 (LB 51) | KG 29 (LB 63) | KG 23 (LB 50) |



| L MM (IN) | WEIGHT KG* (LB*) | CAP. L SAE (GAL) | TEETH N. | ADAPTERS |
|-----------------|------------------------|------------------------|-------------|--|
| 300 (12) | 70 (154) | 68 (18,0) | 3 | AF - AR - CS CR - S - CM CW - CS JANUS PRO |
| 350 (14) | 78 (172) | 84 (22,2) | 3 | AF - AR - CS CR - S - CM CW - CS JANUS PRO |
| 400 (16) | 85 (187) | 101 (26,7) | 3 | AF - AR - CS CR - S - CM CW - CS JANUS PRO |
| 450 (18) | 92 (203) | 118 (31,2) | 3 | AF - AR - CS CR - S - CM CW - CS JANUS PRO |
| 500 (20) | 99 (218) | 137 (36,2) | 4 | AF - AR - CS CR - S - CM CW - CS JANUS PRO |
| 600 (24) | 114 (251) | 174 (46,0) | 4 | AF - AR - CS CR - S - CM CW - CS JANUS PRO |
| 700 (28) | 128 (282) | 214 (56,5) | 5 | AF - AR - CS CR - S - CM CW - CS JANUS PRO |
| 800 (31) | 142 (313) | 254 (67,1) | 5 | AF - AR - CS CR - S - CM CW - CS JANUS PRO |
| 900 (35) | 156 (344) | 295 (77,9) | 6 | AF - AR - CS CR - S - CM CW - CS JANUS PRO |
| 1000 (39) | 170 (375) | 338 (89,3) | 6 | AF - AR - CS CR - S - CM CW - CS JANUS PRO |

* weight of the tank excluding attachment

OPTIONAL

3 SUPPLEMENTARY BLADE

4 HB500 WELDED ADDITIONAL CUTTING EDGE

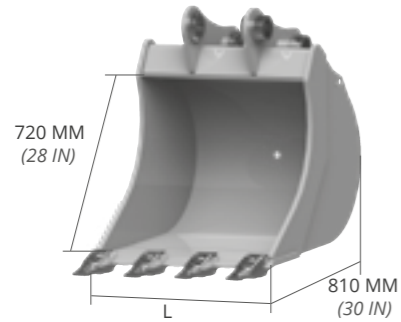
OPTIONAL

3 SUPPLEMENTARY BLADE

4 HB500 WELDED ADDITIONAL CUTTING EDGE

SC73 MACHINE WEIGHT 7,5 - 10,0 t (116535 - 22046 lb)

| ADAPTERS | CS80 | CS80 JANUS PRO | CR70 | CM100 | S45 | S50 | CW10 |
|----------|---------------|----------------|---------------|---------------|---------------|---------------|---------------|
| | KG 44 (LB 97) | KG 46 (LB 101) | KG 34 (LB 75) | KG 35 (LB 77) | KG 28 (LB 61) | KG 29 (LB 63) | KG 23 (LB 50) |

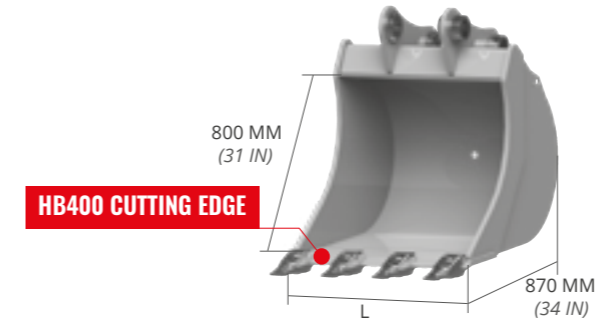


| L MM (IN) | WEIGHT KG* (LB*) | CAP. SAE L (GAL) | TEETH N. | ADAPTERS |
|-----------------|------------------------|------------------------|-------------|-------------------|
| 300 (12) | 82 (181) | 76 (20,1) | 2 | AF - CS |
| | | | | CR - S - CM |
| | | | | CW - CS JANUS PRO |
| 350 (14) | 89 (196) | 94 (24,8) | 3 | AF - CS |
| | | | | CR - S - CM |
| | | | | CW - CS JANUS PRO |
| 400 (16) | 94 (207) | 113 (29,9) | 3 | AF - CS |
| | | | | CR - S - CM |
| | | | | CW - CS JANUS PRO |
| 450 (18) | 103 (227) | 133 (35,1) | 3 | AF - CS |
| | | | | CR - S - CM |
| | | | | CW - CS JANUS PRO |
| 500 (20) | 111 (245) | 153 (40,4) | 3 | AF - CS |
| | | | | CR - S - CM |
| | | | | CW - CS JANUS PRO |
| 600 (24) | 127 (280) | 196 (51,8) | 4 | AF - CS |
| | | | | CR - S - CM |
| | | | | CW - CS JANUS PRO |
| 700 (28) | 143 (315) | 240 (63,4) | 4 | AF - CS |
| | | | | CR - S - CM |
| | | | | CW - CS JANUS PRO |
| 800 (31) | 159 (351) | 286 (75,6) | 5 | AF - CS |
| | | | | CR - S - CM |
| | | | | CW - CS JANUS PRO |
| 900 (35) | 175 (386) | 333 (88,0) | 5 | AF - CS |
| | | | | CR - S - CM |
| | | | | CW - CS JANUS PRO |
| 1000 (39) | 191 (421) | 379 (100,1) | 5 | AF - CS |
| | | | | CR - S - CM |
| | | | | CW - CS JANUS PRO |
| 1100 (43) | 207 (456) | 430 (113,6) | 5 | AF - CS |
| | | | | CR - S - CM |
| | | | | CW - CS JANUS PRO |

* weight of the tank excluding attachment

SC80 MACHINE WEIGHT 10,0 - 12,0 t (22046 - 26455 lb)

| ADAPTERS | CS80 | CS80 JANUS PRO | CR70 | CM180 | S45 | S50 | CW20 |
|----------|---------------|----------------|---------------|----------------|---------------|---------------|----------------|
| | KG 44 (LB 97) | KG 46 (LB 101) | KG 34 (LB 75) | KG 66 (LB 145) | KG 28 (LB 61) | KG 29 (LB 63) | KG 57 (LB 126) |



| L MM (IN) | WEIGHT KG* (LB*) | CAP. SAE L (GAL) | TEETH N. | ADAPTERS |
|-----------------|------------------------|------------------------|-------------|----------------------------|
| 300 (12) | 102 (225) | 86 (22,7) | 2 | AF - CS |
| | | | | CR - S - CM - CS JANUS PRO |
| | | | | CW |
| 350 (14) | 110 (243) | 107 (28,3) | 3 | AF - CS |
| | | | | CR - S - CM - CS JANUS PRO |
| | | | | CW |
| 400 (16) | 121 (267) | 129 (34,1) | 3 | AF - CS |
| | | | | CR - S - CM - CS JANUS PRO |
| | | | | CW |
| 450 (18) | 130 (287) | 151 (39,9) | 3 | AF - CS |
| | | | | CR - S - CM - CS JANUS PRO |
| | | | | CW |
| 500 (20) | 139 (306) | 174 (46,0) | 3 | AF - CS |
| | | | | CR - S - CM - CS JANUS PRO |
| | | | | CW |
| 600 (24) | 157 (346) | 222 (58,6) | 4 | AF - CS |
| | | | | CR - S - CM - CS JANUS PRO |
| | | | | CW |
| 700 (28) | 175 (386) | 273 (72,1) | 4 | AF - CS |
| | | | | CR - S - CM - CS JANUS PRO |
| | | | | CW |
| 800 (31) | 191 (421) | 325 (85,9) | 5 | AF - CS |
| | | | | CR - S - CM - CS JANUS PRO |
| | | | | CW |
| 900 (35) | 209 (461) | 379 (100,1) | 5 | AF - CS |
| | | | | CR - S - CM - CS JANUS PRO |
| | | | | CW |
| 1000 (39) | 226 (498) | 433 (114,4) | 5 | AF - CS |
| | | | | CR - S - CM - CS JANUS PRO |
| | | | | CW |
| 1100 (43) | 244 (538) | 486 (128,4) | 5 | AF - CS |
| | | | | CR - S - CM - CS JANUS PRO |
| | | | | CW |
| 1200 (47) | 262 (578) | 546 (144,2) | 6 | AF - CS |
| | | | | CR - S - CM - CS JANUS PRO |
| | | | | CW |
| 1300 (51) | 280 (617) | 602 (159,0) | 6 | AF - CS |
| | | | | CR - S - CM - CS JANUS PRO |
| | | | | CW |

* weight of the tank excluding attachment

OPTIONAL

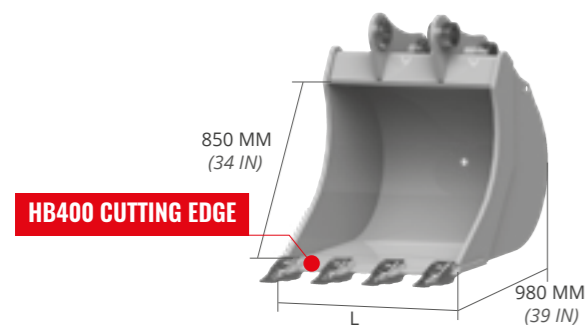
| 3 | 4 |
|---------------------|--------------------------------------|
| SUPPLEMENTARY BLADE | HB500 WELDED ADDITIONAL CUTTING EDGE |

OPTIONAL

| 3 | 4 |
|---------------------|--------------------------------------|
| SUPPLEMENTARY BLADE | HB500 WELDED ADDITIONAL CUTTING EDGE |

SC85 MIDI MACHINE WEIGHT 12,0 - 14,0 t (26455 - 30865 lb)

| ADAPTERS | CS100 KG 45 (LB 99) | CS100 JANUS PRO KG 93 (LB 205) | CM180 KG 66 (LB 145) | S60 KG 57 (LB 125) | CW20 KG 57 (LB 126) |
|----------|------------------------|-----------------------------------|-------------------------|-----------------------|------------------------|
|----------|------------------------|-----------------------------------|-------------------------|-----------------------|------------------------|

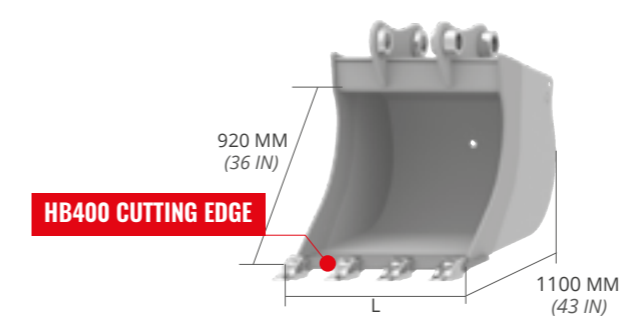


| L MM (IN) | WEIGHT KG* (LB*) | CAP. SAE L (GAL) | TEETH N. | ADAPTERS |
|-----------------|------------------------|------------------------|-------------|--|
| 400 (16) | 170 (375) | 171 (45,2) | 3 | AF - S - CM CS - CW CS JANUS PRO |
| 500 (20) | 190 (419) | 235 (62,1) | 3 | AF - S - CM CS - CW CS JANUS PRO |
| 600 (24) | 210 (463) | 300 (79,3) | 4 | AF - S - CM CS - CW CS JANUS PRO |
| 700 (28) | 230 (507) | 368 (97,2) | 4 | AF - S - CM CS - CW CS JANUS PRO |
| 800 (31) | 250 (551) | 438 (115,7) | 5 | AF - S - CM CS - CW CS JANUS PRO |
| 900 (35) | 270 (595) | 510 (134,7) | 5 | AF - S - CM CS - CW CS JANUS PRO |
| 1000 (39) | 291 (642) | 584 (154,3) | 5 | AF - S - CM CS - CW CS JANUS PRO |
| 1100 (43) | 312 (688) | 657 (173,6) | 5 | AF - S - CM CS - CW CS JANUS PRO |
| 1200 (47) | 333 (734) | 730 (192,8) | 6 | AF - S - CM CS - CW CS JANUS PRO |
| 1300 (51) | 354 (780) | 810 (214,0) | 6 | AF - S - CM CS - CW CS JANUS PRO |

* weight of the tank excluding attachment

SC92 GD EXCAVATOR MACHINE WEIGHT 12,0 - 14,0 t (26455 - 30865 lb)

| ADAPTERS | CS100 KG 45 (LB 99) | CS100 JANUS PRO KG 93 (LB 205) | CM180 KG 66 (LB 145) | S60 KG 57 (LB 125) | CW20 KG 54 (LB 126) |
|----------|------------------------|-----------------------------------|-------------------------|-----------------------|------------------------|
|----------|------------------------|-----------------------------------|-------------------------|-----------------------|------------------------|



| L MM (IN) | WEIGHT KG* (LB*) | CAP. SAE L (GAL) | TEETH N. | ADAPTERS |
|-----------------|------------------------|------------------------|-------------|--|
| 600 (24) | 228 (503) | 380 (100,4) | 4 | AF - S - CM CS - CW CS JANUS PRO |
| 700 (28) | 251 (553) | 450 (118,9) | 4 | AF - S - CM CS - CW CS JANUS PRO |
| 800 (31) | 281 (619) | 560 (147,9) | 5 | AF - S - CM CS - CW CS JANUS PRO |
| 900 (35) | 309 (681) | 620 (163,8) | 5 | AF - S - CM CS - CW CS JANUS PRO |
| 1000 (39) | 350 (772) | 700 (184,9) | 5 | AF - S - CM CS - CW CS JANUS PRO |
| 1200 (47) | 403 (888) | 900 (237,7) | 6 | AF - S - CM CS - CW CS JANUS PRO |

* weight of the tank excluding attachment

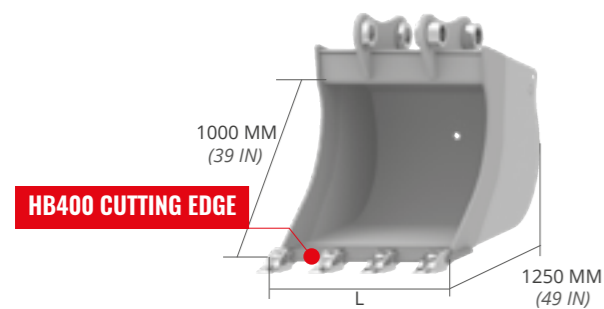
OPTIONAL

| 3 | 4 |
|---------------------|--------------------------------------|
| SUPPLEMENTARY BLADE | HB500 WELDED ADDITIONAL CUTTING EDGE |

OPTIONAL

| 3 | 4 |
|---------------------|--------------------------------------|
| SUPPLEMENTARY BLADE | HB500 WELDED ADDITIONAL CUTTING EDGE |

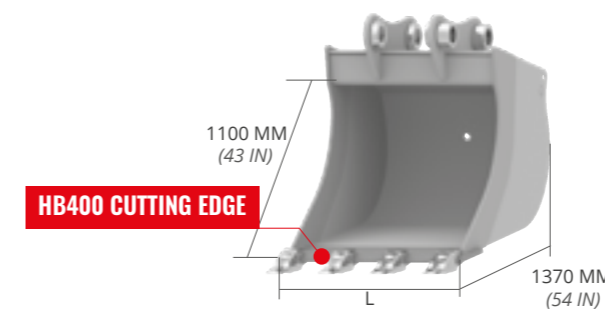
SC100 GD MACHINE WEIGHT 14,0 - 16,0 t (30865 - 35274 lb)



| L MM (IN) | WEIGHT KG* (LB*) | CAP. SAE L (GAL) | TEETH N. | ADAPTERS |
|-----------------|------------------------|------------------------|-------------|--------------|
| 600 (24) | 316 (697) | 450 (118,9) | 3 | AF - S - CM |
| | | | | CS - CW |
| | | | | CS JANUS PRO |
| 700 (28) | 355 (783) | 535 (141,3) | 4 | AF - S - CM |
| | | | | CS - CW |
| | | | | CS JANUS PRO |
| 800 (31) | 394 (869) | 620 (163,7) | 4 | AF - S - CM |
| | | | | CS - CW |
| | | | | CS JANUS PRO |
| 900 (35) | 433 (955) | 710 (187,5) | 4 | AF - S - CM |
| | | | | CS - CW |
| | | | | CS JANUS PRO |
| 1000 (39) | 472 (1041) | 800 (211,3) | 5 | AF - S - CM |
| | | | | CS - CW |
| | | | | CS JANUS PRO |
| 1200 (47) | 550 (1213) | 980 (258,8) | 5 | AF - S - CM |
| | | | | CS - CW |
| | | | | CS JANUS PRO |

* weight of the tank excluding attachment

SC110 GD MACHINE WEIGHT 16,0 - 19,0 t (35274 - 41887 lb)



| L MM (IN) | WEIGHT KG* (LB*) | CAP. SAE L (GAL) | TEETH N. | ADAPTERS |
|-----------------|------------------------|------------------------|-------------|--------------|
| 600 (24) | 412 (908) | 480 (126,8) | 3 | AF - S - CM |
| | | | | CS - CW |
| | | | | CS JANUS PRO |
| 800 (31) | 502 (1107) | 690 (182,3) | 4 | AF - S - CM |
| | | | | CS - CW |
| | | | | CS JANUS PRO |
| 1000 (39) | 592 (1305) | 900 (237,7) | 5 | AF - S - CM |
| | | | | CS - CW |
| | | | | CS JANUS PRO |
| 1200 (47) | 682 (1504) | 1110 (293,2) | 5 | AF - S - CM |
| | | | | CS - CW |
| | | | | CS JANUS PRO |
| 1300 (52) | 727 (1603) | 1220 (322,2) | 6 | AF - S - CM |
| | | | | CS - CW |
| | | | | CS JANUS PRO |
| 1400 (55) | 772 (1702) | 1330 (351,3) | 6 | AF - S - CM |
| | | | | CS - CW |
| | | | | CS JANUS PRO |

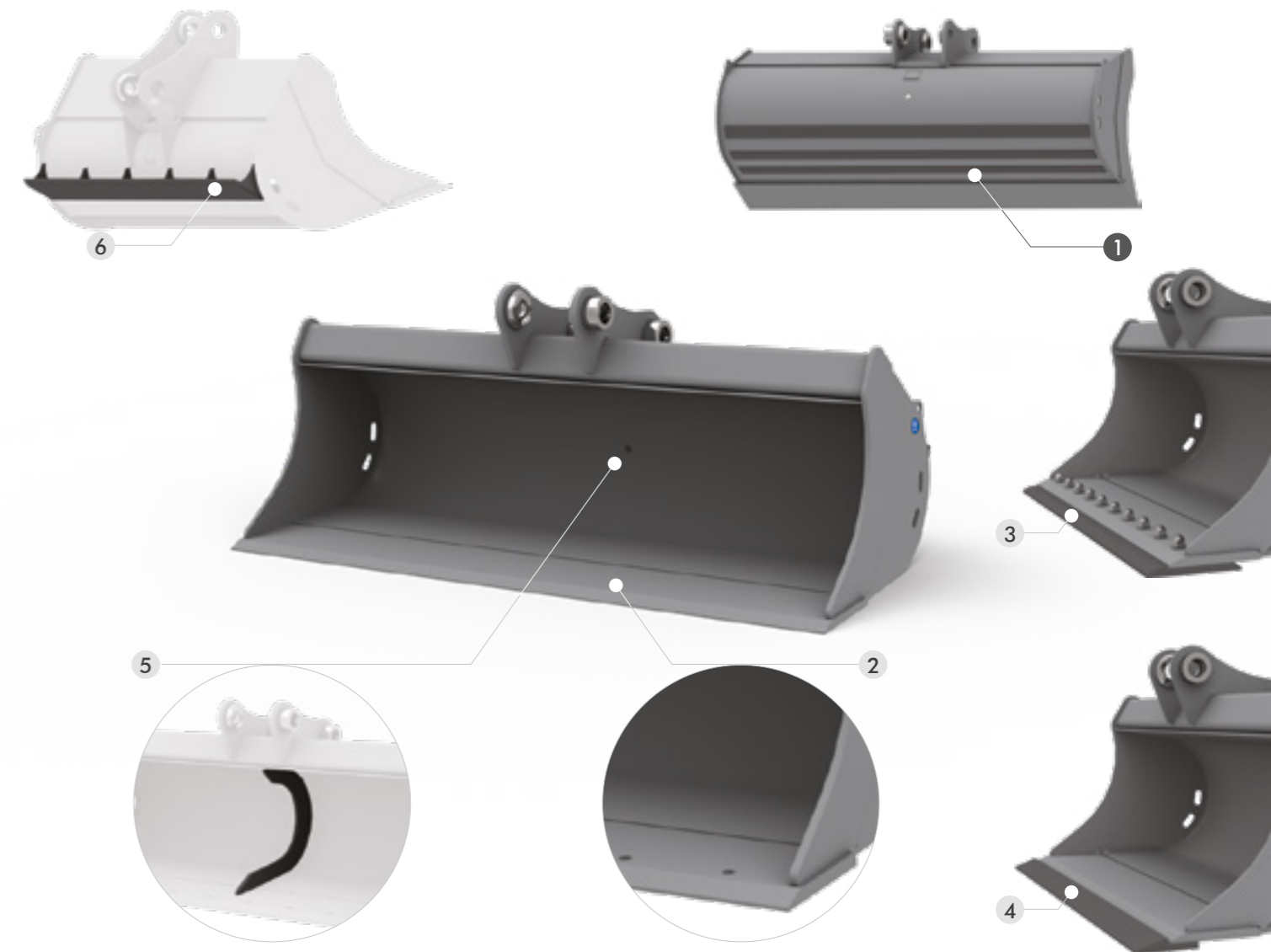
* weight of the tank excluding attachment

OPTIONAL

| | |
|-----------------------------|--|
| 3 SUPPLEMENTARY BLADE | 4 HB500 WELDED ADDITIONAL CUTTING EDGE |
|-----------------------------|--|

OPTIONAL

| | |
|-----------------------------|--|
| 3 SUPPLEMENTARY BLADE | 4 HB500 WELDED ADDITIONAL CUTTING EDGE |
|-----------------------------|--|



STANDARD TECHNICAL FEATURES

- 1 REINFORCING STRIPS**
THE HORIZONTAL REINFORCING STRIPS ON THE BUCKET'S REAR AND BOTTOM PROTECT THE BUCKET FROM WEAR AND INCREASE ITS RESISTANCE.

OPTIONAL

- 2 PERFORATED BLADE**
- 3 HB400 ADDITIONAL BOLT-ON REVERSIBLE CUTTING EDGE**
BOLTED-IN HB400 REVERSIBLE UNDERBLADE. RECOMMENDED TO WORK ON PARTICULARLY ABRASIVE SOILS.
- 4 HB500 WELDED ADDITIONAL EDGE**
- 5 BEZEL**
IT ENSURES A HIGHER STRUCTURAL RESISTANCE. **HIGHLY RECOMMENDED WITH BUCKETS 1400MM WIDE OR MORE.**
- 6 REAR RAZOR**
WHEN THE MACHINE'S ARM IS KEPT CLOSED, IT ALLOWS TO FINISH SURFACES EVENLY.

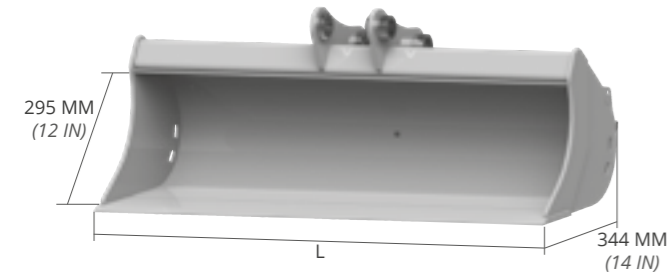
ITS ENLARGED AND LOW-PROFILE SHAPE MAKES IT SUITABLE FOR THE REALIZATION AND MAINTENANCE OF DRAINS, DITCHES AND EARTH BANKS. SUPPLIED WITH HOLES ON WALLS AND BOTTOM FOR THE WATER DRAINAGE.

THE INSTALLATION OF BEZELS IS HIGHLY RECOMMENDED FOR BUCKETS WIDER THAN 1400 MM, IN ORDER TO AVOID DAMAGES TO THE BUCKET IN CASE OF HEAVY DUTY JOBS OR WITH PARTICULARLY HARD TERRAINS:

- WIDTH FROM 1400 TO 1500 MM: NR. 1 BEZEL
- WIDTH FROM 1600 TO 1800 MM: NR. 2 BEZELS
- WIDTH FROM 2000 TO 2200 MM: NR. 3 BEZELS

| MOD. | SP30 | SP35 | SP40 | SP40 | SP45 | SP50 | SP55 | SP60 | SP65 GD | SP70 GD |
|-----------|-------------------------|-------------------------|-------------------------|-------------------------|--------------------------|---------------------------|----------------------------|-----------------------------|-----------------------------|----------------------------|
| TONS (LB) | 1,0 - 1,8 (2204 - 3968) | 1,8 - 2,5 (3968 - 5512) | 2,0 - 2,5 (4409 - 5512) | 2,5 - 4,0 (5512 - 8818) | 4,0 - 5,0 (8818 - 11023) | 5,0 - 7,5 (11023 - 16535) | 7,5 - 10,0 (16535 - 22046) | 10,0 - 12,0 (22046 - 26455) | 12,0 - 16,0 (26455 - 35274) | 15,0 - 19,0 (3307 - 41887) |

SP30 MACHINE WEIGHT 1,0 - 1,8 t (2204 - 3968 lb)

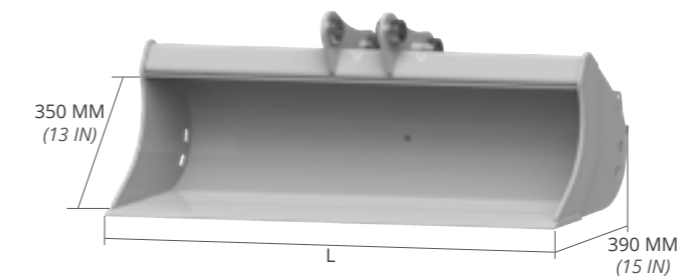


| L MM (IN) | WEIGHT KG* (LB*) | CAP. SAE L (GAL) | ADAPTERS |
|-----------------|------------------------|------------------------|-------------------|
| 600 (24) | 28 (62) | 41 (10,8) | AF - AR - CS |
| | | | CR - S - CM |
| | | | CW - CS JANUS PRO |
| 800 (31) | 37 (82) | 58 (15,3) | AF - AR - CS |
| | | | CR - S - CM |
| | | | CW - CS JANUS PRO |
| 1000 (39) | 46 (101) | 74 (19,5) | AF - AR - CS |
| | | | CR - S - CM |
| | | | CW - CS JANUS PRO |

OPTIONAL

6
REAR RAZOR

SP35 MACHINE WEIGHT - 1,8 - 2,5 t (3968 - 5511 lb)

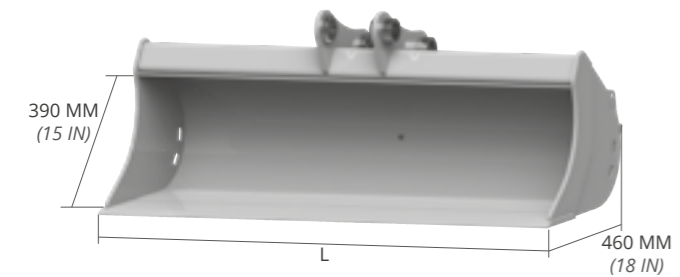


| L MM (IN) | WEIGHT KG* (LB*) | CAP. SAE L (GAL) | ADAPTERS |
|-----------------|------------------------|------------------------|-------------------|
| 800 (31) | 44 (97) | 75 (19,8) | AF - AR - CS |
| | | | CR - S - CM |
| | | | CW - CS JANUS PRO |
| 1000 (39) | 53 (117) | 96 (25,4) | AF - AR - CS |
| | | | CR - S - CM |
| | | | CW - CS JANUS PRO |
| 1200 (47) | 62 (137) | 117 (30,9) | AF - AR - CS |
| | | | CR - S - CM |
| | | | CW - CS JANUS PRO |

OPTIONAL

2 PERFORATED BLADE 3 HB400 ADDITIONAL EDGE MOUNTED ON THE BUCKET 4 HB500 WELDED ADDITIONAL EDGE 6 REAR RAZOR

SP40 MACHINE WEIGHT 2,0 - 2,5 t (4409 - 5512 lb)

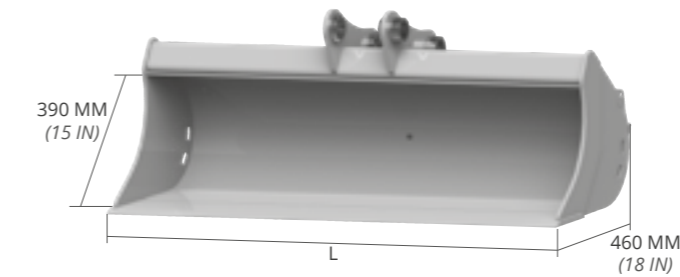


| L MM (IN) | WEIGHT KG* (LB*) | CAP. SAE L (GAL) | ADAPTERS |
|-----------------|------------------------|------------------------|-------------------|
| 1000 (39) | 72 (159) | 125 (33,0) | AF - AR - CS |
| | | | CR - S - CM |
| | | | CW - CS JANUS PRO |
| 1200 (47) | 85 (187) | 154 (40,7) | AF - AR - CS |
| | | | CR - S - CM |
| | | | CW - CS JANUS PRO |

OPTIONAL

2 PERFORATED BLADE 3 HB400 ADDITIONAL EDGE MOUNTED ON THE BUCKET 4 HB500 WELDED ADDITIONAL EDGE 5 BEZEL 6 REAR RAZOR

SP40 MACHINE WEIGHT 2,5 - 4,0 t (5512 - 8818 lb)



| L MM (IN) | WEIGHT KG* (LB*) | CAP. SAE L (GAL) | ADAPTERS |
|-----------------|------------------------|------------------------|-------------------|
| 1000 (39) | 72 (159) | 125 (33,0) | AF - AR - CS |
| | | | CR - S - CM |
| | | | CW - CS JANUS PRO |
| 1200 (47) | 85 (187) | 154 (40,7) | AF - AR - CS |
| | | | CR - S - CM |
| | | | CW - CS JANUS PRO |
| 1400 (55) | 98 (216) | 182 (48,1) | AF - AR - CS |
| | | | CR - S - CM |
| | | | CW - CS JANUS PRO |

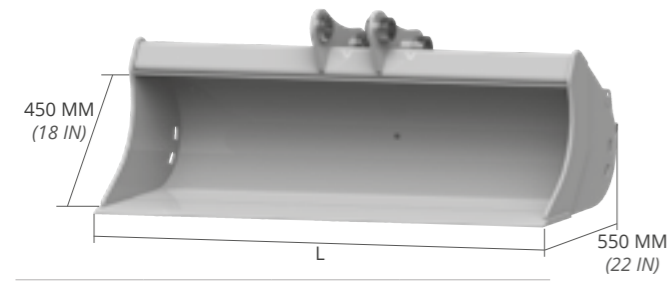
OPTIONAL

2 PERFORATED BLADE 3 HB400 ADDITIONAL EDGE MOUNTED ON THE BUCKET 4 HB500 WELDED ADDITIONAL EDGE 5 BEZEL 6 REAR RAZOR

* weight of the tank excluding attachment

* weight of the tank excluding attachment

SP45 MACHINE WEIGHT 4,0 - 5,0 t (8818 - 11023 lb)

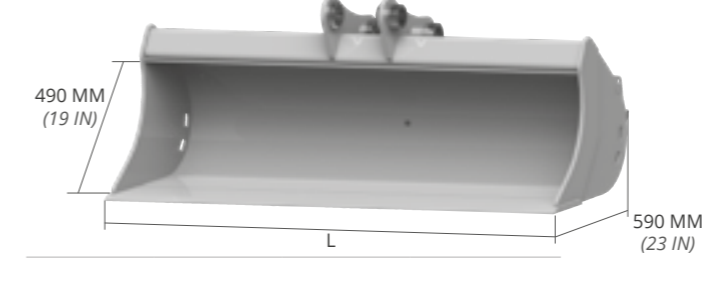


| L MM (IN) | WEIGHT KG* (LB*) | CAP. SAE L (GAL) | ADAPTERS |
|-----------------|------------------------|------------------------|-------------------|
| 1200 (47) | 113 (249) | 213 (56,3) | AF - AR - CS |
| | | | CR - S - CM |
| | | | CW - CS JANUS PRO |
| 1400 (55) | 130 (287) | 254 (67,1) | AF - AR - CS |
| | | | CR - S - CM |
| | | | CW - CS JANUS PRO |
| 1500 (59) | 138 (304) | 274 (72,4) | AF - AR - CS |
| | | | CR - S - CM |
| | | | CW - CS JANUS PRO |
| 1600 (63) | 146 (322) | 295 (78) | AF - AR - CS |
| | | | CR - S - CM |
| | | | CW - CS JANUS PRO |

OPTIONAL

- 2 PERFORATED BLADE
- 3 HB400 ADDITIONAL EDGE MOUNTED ON THE BUCKET
- 4 HB500 WELDED ADDITIONAL EDGE
- 5 BEZEL
- 6 REAR RAZOR

SP50 SP50 MACHINE WEIGHT 5,0 - 7,5 t (11012 - 16535 lb)

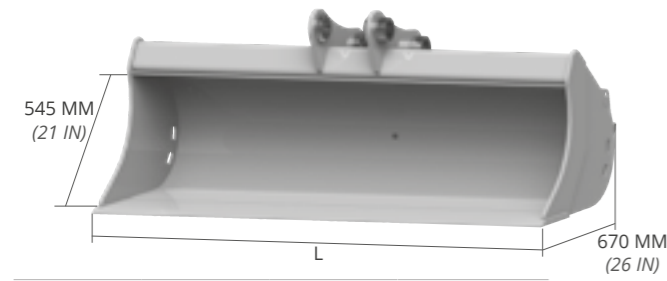


| L MM (IN) | WEIGHT KG* (LB*) | CAP. SAE L (GAL) | ADAPTERS |
|-----------------|------------------------|------------------------|-------------------|
| 1200 (47) | 136 (300) | 250 (66,0) | AF - AR - CS |
| | | | CR - S - CM |
| | | | CW - CS JANUS PRO |
| 1400 (55) | 156 (344) | 298 (78,8) | AF - AR - CS |
| | | | CR - S - CM |
| | | | CW - CS JANUS PRO |
| 1600 (63) | 176 (388) | 345 (91,1) | AF - AR - CS |
| | | | CR - S - CM |
| | | | CW - CS JANUS PRO |
| 1800 (71) | 196 (432) | 392 (103,6) | AF - AR - CS |
| | | | CR - S - CM |
| | | | CW - CS JANUS PRO |

OPTIONAL

- 2 PERFORATED BLADE
- 3 HB400 ADDITIONAL EDGE MOUNTED ON THE BUCKET
- 4 HB500 WELDED ADDITIONAL EDGE
- 5 BEZEL
- 6 REAR RAZOR

SP55 MACHINE WEIGHT 7,5 - 10,0 t (16535 - 22046 lb)

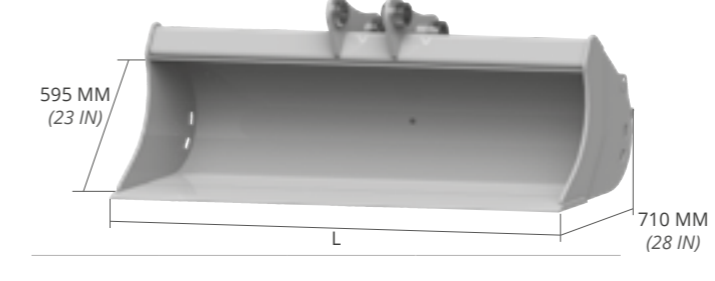


| L MM (IN) | WEIGHT KG* (LB*) | CAP. SAE L (GAL) | ADAPTERS |
|-----------------|------------------------|------------------------|-------------------|
| 1200 (47) | 183 (403) | 326 (86,1) | AF - CS |
| | | | CR - S - CM |
| | | | CW - CS JANUS PRO |
| 1400 (55) | 209 (461) | 387 (102,2) | AF - CS |
| | | | CR - S - CM |
| | | | CW - CS JANUS PRO |
| 1600 (63) | 236 (520) | 447 (118,1) | AF - CS |
| | | | CR - S - CM |
| | | | CW - CS JANUS PRO |
| 1800 (71) | 263 (580) | 507 (133,9) | AF - CS |
| | | | CR - S - CM |
| | | | CW - CS JANUS PRO |

OPTIONAL

- 2 PERFORATED BLADE
- 3 HB400 ADDITIONAL EDGE MOUNTED ON THE BUCKET
- 4 HB500 WELDED ADDITIONAL EDGE
- 5 BEZEL
- 6 REAR RAZOR

SP60 MACHINE WEIGHT 10,0 - 12,0 t (22046 - 26455 lb)



| L MM (IN) | WEIGHT KG* (LB*) | CAP. SAE L (GAL) | ADAPTERS |
|-----------------|------------------------|------------------------|----------------------------|
| 1200 (47) | 218 (481) | 367 (97,0) | AF - CS |
| | | | CR - S - CM - CS JANUS PRO |
| | | | CW |
| 1400 (55) | 248 (547) | 436 (115,2) | AF - CS |
| | | | CR - S - CM - CS JANUS PRO |
| | | | CW |
| 1600 (63) | 280 (617) | 504 (133,1) | AF - CS |
| | | | CR - S - CM - CS JANUS PRO |
| | | | CW |
| 1800 (71) | 310 (683) | 573 (151,4) | AF - CS |
| | | | CR - S - CM - CS JANUS PRO |
| | | | CW |
| 2000 (79) | 340 (750) | 641 (169,3) | AF - CS |
| | | | CR - S - CM - CS JANUS PRO |
| | | | CW |

OPTIONAL

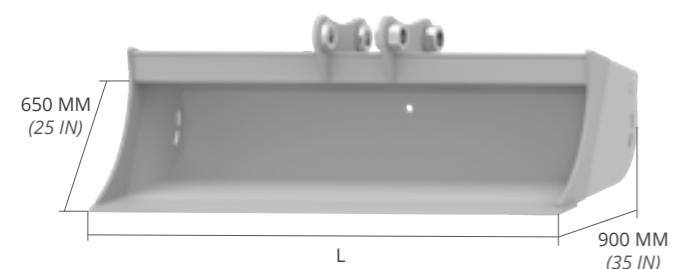
- 2 PERFORATED BLADE
- 3 HB400 ADDITIONAL EDGE MOUNTED ON THE BUCKET
- 4 HB500 WELDED ADDITIONAL EDGE
- 5 BEZEL
- 6 REAR RAZOR

* weight of the tank excluding attachment

* weight of the tank excluding attachment

SP65 GD MACHINE WEIGHT 12,0 - 16,0 t (26455 - 35274 lb)

| ADAPTERS | CS100 | CS100 JANUS PRO | CM180 | S60 | CW20 |
|----------|---|---|---|--|---|
| |  |  |  |  |  |
| | KG 45 (LB 99) | KG 93 (LB 205) | KG 66 (LB 145) | KG 57 (LB 125) | KG 57 (LB 126) |



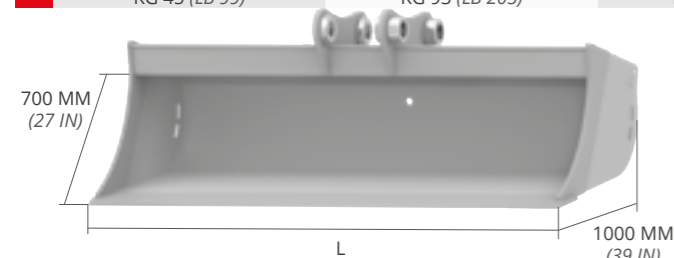
| L MM (IN) | WEIGHT KG* (LB*) | CAP. SAE L (GAL) | ADAPTERS |
|-----------------|------------------------|------------------------|--------------|
| 1400 (55) | 318 (701) | 631 (166,7) | AF - S - CM |
| | | | CS - CW |
| | | | CS JANUS PRO |
| 1500 (59) | 339 (747) | 665 (175,7) | AF - S - CM |
| | | | CS - CW |
| | | | CS JANUS PRO |
| 1600 (63) | 359 (791) | 699 (184,7) | AF - S - CM |
| | | | CS - CW |
| | | | CS JANUS PRO |
| 1800 (71) | 400 (882) | 767 (202,6) | AF - S - CM |
| | | | CS - CW |
| | | | CS JANUS PRO |
| 2000 (79) | 440 (970) | 835 (220,6) | AF - S - CM |
| | | | CS - CW |
| | | | CS JANUS PRO |

OPTIONAL

| | | | | |
|---------------------|---|---------------------------------|-------|------------|
| 2 | 3 | 4 | 5 | 6 |
| PERFORATED BLADE | HB400 ADDITIONAL EDGE MOUNTED ON THE BUCKET | HB500 WELDED ADDITIONAL EDGE | BEZEL | REAR RAZOR |

SP70 GD MACHINE WEIGHT 15,0 - 19,0 t (3307 - 41887 lb)

| ADAPTERS | CS100 | CS100 JANUS PRO | CM180 | S60 | CW30 |
|----------|---|---|---|--|---|
| |  |  |  |  |  |
| | KG 45 (LB 99) | KG 93 (LB 205) | KG 66 (LB 145) | KG 57 (LB 125) | KG 66 (LB 145) |



| L MM (IN) | WEIGHT KG* (LB*) | CAP. SAE L (GAL) | ADAPTERS |
|-----------------|------------------------|------------------------|--------------|
| 1500 (59) | 417 (919) | 780 (206,1) | AF - S - CM |
| | | | CS - CW |
| | | | CS JANUS PRO |
| 1600 (63) | 442 (974) | 820 (216,6) | AF - S - CM |
| | | | CS - CW |
| | | | CS JANUS PRO |
| 1800 (71) | 492 (1085) | 900 (237,8) | AF - S - CM |
| | | | CS - CW |
| | | | CS JANUS PRO |
| 2000 (79) | 540 (1190) | 980 (258,9) | AF - S - CM |
| | | | CS - CW |
| | | | CS JANUS PRO |
| 2200 (87) | 586 (1292) | 1060 (280,0) | AF - S - CM |
| | | | CS - CW |
| | | | CS JANUS PRO |

OPTIONAL

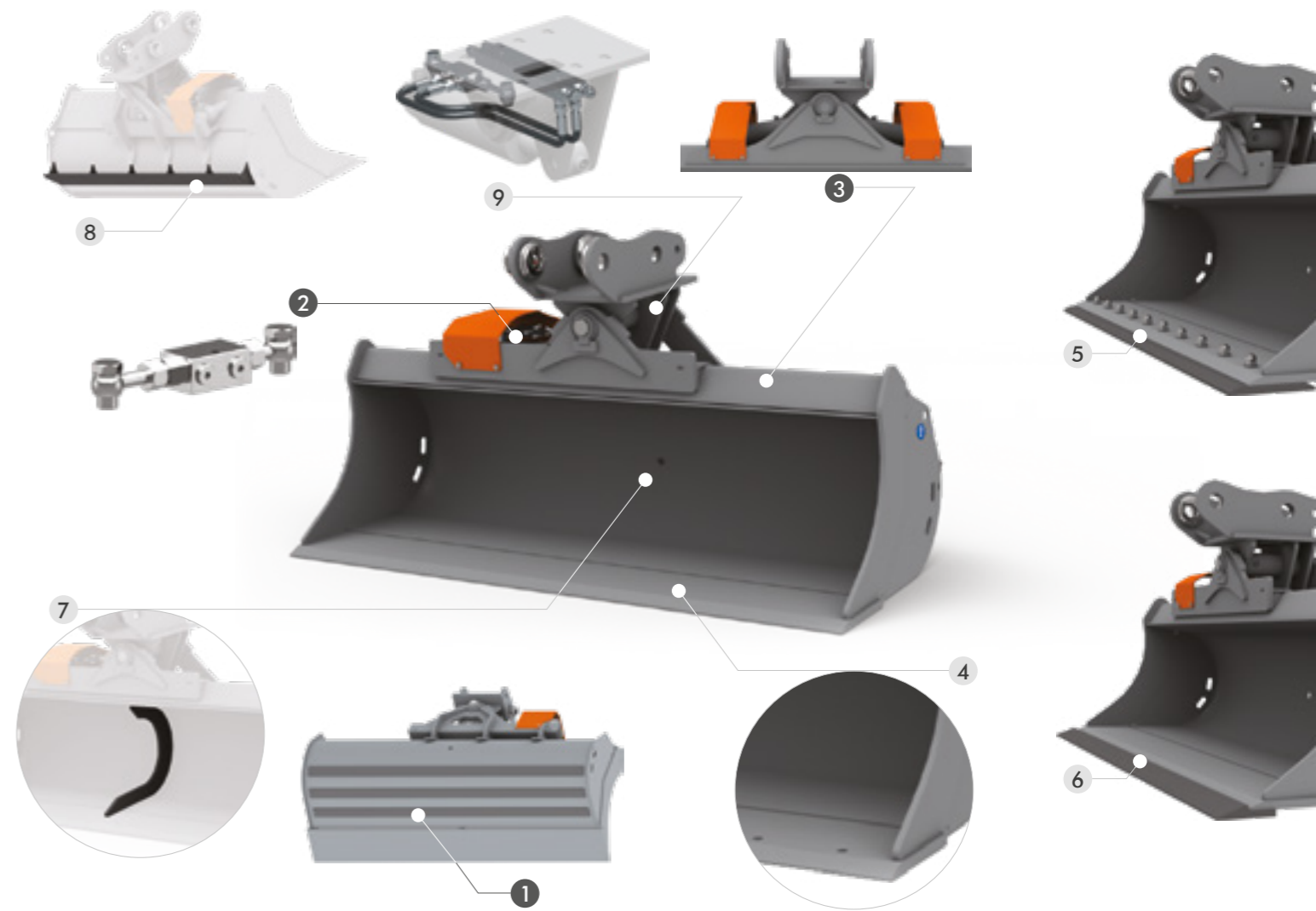
| | | | | |
|---------------------|---|---------------------------------|-------|------------|
| 2 | 3 | 4 | 5 | 6 |
| PERFORATED BLADE | HB400 ADDITIONAL EDGE MOUNTED ON THE BUCKET | HB500 WELDED ADDITIONAL EDGE | BEZEL | REAR RAZOR |



* weight of the tank excluding attachment



ADAPTERS



STANDARD TECHNICAL FEATURES

- 1 REINFORCING STRIPS**
THE HORIZONTAL REINFORCING STRIPS ON THE BUCKET'S REAR AND BOTTOM PROTECT THE BUCKET FROM WEAR AND INCREASE ITS RESISTANCE.
- 2 BLOCK VALVE**
IT ALLOWS TO KEEP THE BUCKET POSITIONING DURING THE WORKING PHASE.
- 3 DOUBLE CYLINDER FOR SQ65 GD, SQ70 GD**

OPTIONAL

- 4 PERFORATED BLADE**
- 5 HB400 ADDITIONAL BOLT-ON REVERSIBLE CUTTING EDGE**
BOLTED-IN HB400 REVERSIBLE UNDERBLADE. RECOMMENDED TO WORK ON PARTICULARLY ABRASIVE SOILS.
- 6 HB500 WELDED ADDITIONAL CUTTING EDGE**
- 7 BEZEL**
IT ENSURES A HIGHER STRUCTURAL RESISTANCE. **HIGHLY RECOMMENDED WITH BUCKETS 1400MM (55) WIDE OR MORE.**
- 8 REAR RAZOR**
WHEN THE MACHINE'S ARM IS KEPT CLOSED, IT ALLOWS TO FINISH SURFACES EVENLY.

- 9 PIPE KIT**
OPTIONAL KIT INSTALLED ON THE BUCKET FOR THE FEEDING OF THE HYDRAULIC CYLINDER. IT ALLOWS THE USE OF TWO OUTLETS ON THE RIGHT AND TWO OUTLETS ON THE LEFT FOR THE HYDRAULIC CONNECTION TO THE MACHINE REDUCING THE INSTALLATION TIMES. THE CONNECTING PIPES ARE NOT SUPPLIED.

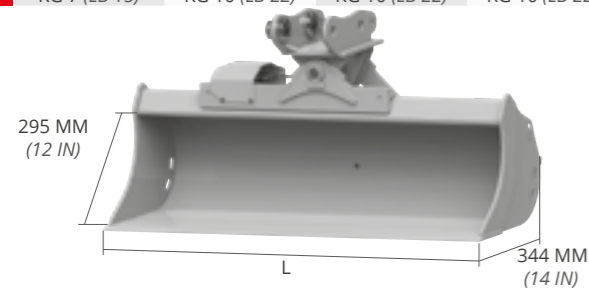
PARTICULARLY SUITABLE FOR FINISHING AND LEVELLING WORKS. ITS TILTING MECHANISM ENABLES TO TILT THE BUCKET BY 45° ON BOTH SIDES. THE STANDARD BLOCK VALVE ENABLES TO KEEP THE ANGLE.

THE INSTALLATION OF BEZELS IS HIGHLY RECOMMENDED FOR BUCKETS WIDER THAN 1400 MM, IN ORDER TO AVOID DAMAGES TO THE BUCKET IN CASE OF HEAVY DUTY JOBS OR WITH PARTICULARLY HARD TERRAINS:

- **WIDTH FROM 1400 TO 1500 MM: NR. 1 BEZEL**
- **WIDTH FROM 1600 TO 1800 MM: NR. 2 BEZELS**
- **WIDTH FROM 2000 TO 2200 MM: NR. 3 BEZELS**

| MOD. | SQ30 | SQ35 | SQ40 | SQ45 | SQ50 | SQ55 | SQ60 | SQ65 GD | SQ70 GD |
|-----------|-------------------------|-------------------------|-------------------------|--------------------------|---------------------------|----------------------------|-----------------------------|-----------------------------|-------------------------------|
| TONS (LB) | 1,0 - 1,8 (2204 - 3968) | 1,8 - 2,5 (3968 - 5512) | 2,5 - 4,0 (5512 - 8818) | 4,0 - 5,0 (8818 - 11023) | 5,0 - 7,5 (11023 - 16535) | 7,5 - 10,0 (16535 - 22046) | 10,0 - 12,0 (22046 - 26455) | 12,0 - 16,0 (26455 - 35274) | 15,0 - 19,0 (33069,3 - 41887) |

SQ30 MACHINE WEIGHT 1,0 - 1,8 t (2204 - 3968 lb)

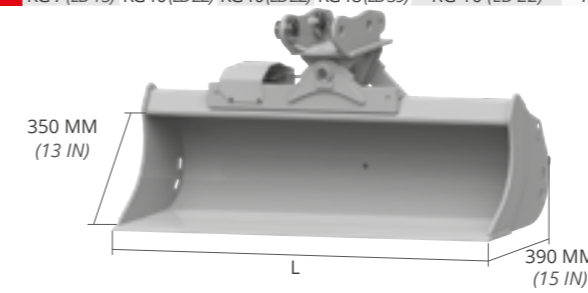


| L MM (IN) | WEIGHT KG* (LB*) | CAP. SAE L (GAL) | ADAPTERS |
|-----------------|------------------------|------------------------|--|
| 800 (31) | 69 (153) | 58 (15,3) | AF - AR - CS CR - S - CM CW - CS JANUS PRO |
| 1000 (39) | 78 (173) | 74 (19,5) | AF - AR - CS CR - S - CM CW - CS JANUS PRO |

OPTIONAL



SQ35 MACHINE WEIGHT - 1,8 - 2,5 t (3968 - 5512 lb)



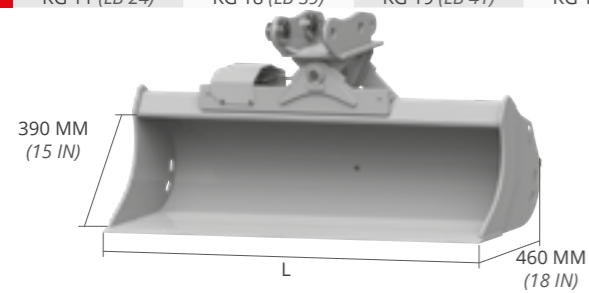
| L MM (IN) | WEIGHT KG* (LB*) | CAP. SAE L (GAL) | ADAPTERS |
|-----------------|------------------------|------------------------|--|
| 800 (31) | 76 (169) | 75 (19,8) | AF - AR - CS CR - S - CM CW - CS JANUS PRO |
| 1000 (39) | 85 (188) | 96 (25,4) | AF - AR - CS CR - S - CM CW - CS JANUS PRO |
| 1200 (47) | 94 (208) | 117 (30,9) | AF - AR - CS CR - S - CM CW - CS JANUS PRO |



OPTIONAL



SQ40 MACHINE WEIGHT 2,5 - 4,0 t (5512 - 8818 lb)

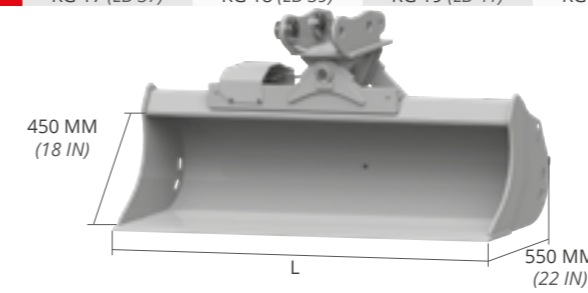


| L MM (IN) | WEIGHT KG* (LB*) | CAP. SAE L (GAL) | ADAPTERS |
|-----------------|------------------------|------------------------|--|
| 1000 (39) | 130 (286) | 125 (33,0) | AF - AR - CS CR - S - CM CW - CS JANUS PRO |
| 1200 (47) | 143 (315) | 154 (40,7) | AF - AR - CS CR - S - CM CW - CS JANUS PRO |
| 1400 (55) | 156 (343) | 182 (48,1) | AF - AR - CS CR - S - CM CW - CS JANUS PRO |

OPTIONAL



SQ45 MACHINE WEIGHT 4,0 - 5,0 t (8818 - 11023 lb)



| L MM (IN) | WEIGHT KG* (LB*) | CAP. SAE L (GAL) | ADAPTERS |
|-----------------|------------------------|------------------------|--|
| 1200 (47) | 196 (433) | 213 (56,3) | AF - AR - CS CR - S - CM CW - CS JANUS PRO |
| 1400 (55) | 213 (470) | 254 (67,1) | AF - AR - CS CR - S - CM CW - CS JANUS PRO |
| 1500 (59) | 221 (488) | 274 (72,4) | AF - AR - CS CR - S - CM CW - CS JANUS PRO |

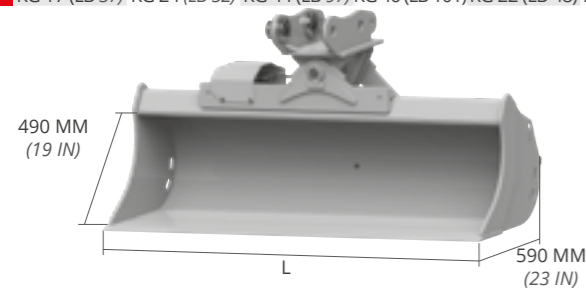
OPTIONAL



* weight of the tank excluding attachment

* weight of the tank excluding attachment

SQ50 MACHINE WEIGHT 5,0 - 7,5 t (11012 - 16535 lb)

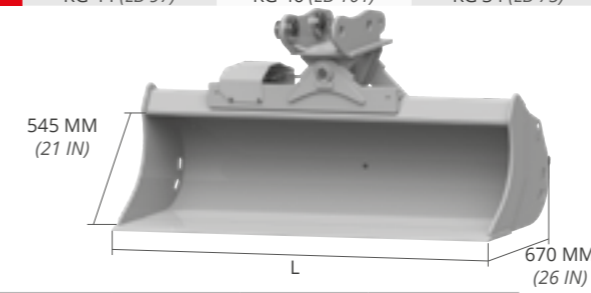


| L MM (IN) | WEIGHT KG* (LB*) | CAP. SAE L (GAL) | ADAPTERS |
|-----------------|------------------------|------------------------|--|
| 1200 (47) | 219 (483) | 250 (66,0) | AF - AR - CS CR - S - CM CW - CS JANUS PRO |
| 1400 (55) | 239 (527) | 298 (78,8) | AF - AR - CS CR - S - CM CW - CS JANUS PRO |
| 1600 (63) | 259 (571) | 345 (91,1) | AF - AR - CS CR - S - CM CW - CS JANUS PRO |
| 1800 (71) | 279 (616) | 392 (103,6) | AF - AR - CS CR - S - CM CW - CS JANUS PRO |

OPTIONAL



SQ55 MACHINE WEIGHT 7,5 - 10,0 t (16535 - 22046 lb)

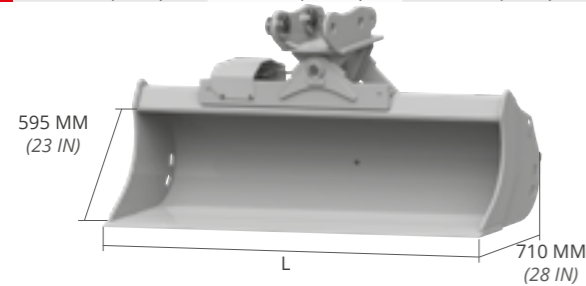


| L MM (IN) | WEIGHT KG* (LB*) | CAP. SAE L (GAL) | ADAPTERS |
|-----------------|------------------------|------------------------|---|
| 1200 (47) | 296 (653) | 326 (86,1) | AF - CS CR - S - CM CW - CS JANUS PRO |
| 1400 (55) | 322 (710) | 387 (102,2) | AF - CS CR - S - CM CW - CS JANUS PRO |
| 1600 (63) | 349 (770) | 447 (118,1) | AF - CS CR - S - CM CW - CS JANUS PRO |
| 1800 (71) | 376 (829) | 507 (133,9) | AF - CS CR - S - CM CW - CS JANUS PRO |

OPTIONAL

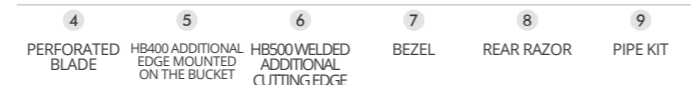


SQ60 MACHINE WEIGHT 10,0 - 12,0 t (22046 - 26455 lb)

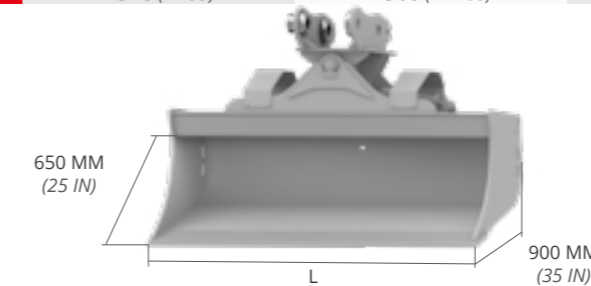


| L MM (IN) | WEIGHT KG* (LB*) | CAP. SAE L (GAL) | ADAPTERS |
|-----------------|------------------------|------------------------|---|
| 1200 (47) | 331 (730) | 367 (97,0) | AF - CS CR - S - CM - CS JANUS PRO CW |
| 1400 (55) | 361 (796) | 436 (115,2) | AF - CS CR - S - CM - CS JANUS PRO CW |
| 1600 (63) | 393 (867) | 504 (133,1) | AF - CS CR - S - CM - CS JANUS PRO CW |
| 1800 (71) | 423 (933) | 573 (151,4) | AF - CS CR - S - CM - CS JANUS PRO CW |
| 2000 (79) | 453 (999) | 641 (169,3) | AF - CS CR - S - CM - CS JANUS PRO CW |

OPTIONAL

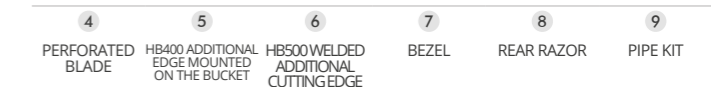


SQ65 GD MACHINE WEIGHT 12,0 - 16,0 t (26455 - 35274 lb)



| L MM (IN) | WEIGHT KG* (LB*) | CAP. SAE L (GAL) | ADAPTERS |
|-----------------|------------------------|------------------------|--|
| 1400 (55) | 456 (1005) | 631 (166,7) | AF - S - CM CS - CW CS JANUS PRO |
| 1500 (59) | 477 (1052) | 665 (175,7) | AF - S - CM CS - CW CS JANUS PRO |
| 1600 (63) | 497 (1096) | 699 (184,7) | AF - S - CM CS - CW CS JANUS PRO |
| 1800 (71) | 538 (1186) | 767 (202,6) | AF - S - CM CS - CW CS JANUS PRO |
| 2000 (79) | 578 (1274) | 835 (220,6) | AF - S - CM CS - CW CS JANUS PRO |

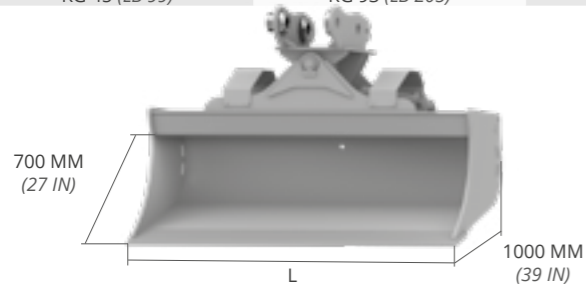
OPTIONAL



* weight of the tank excluding attachment

* weight of the tank excluding attachment

SQ70 GD MACHINE WEIGHT 15,0 - 19,0 t (33069 - 41887 lb)



| L MM (IN) | WEIGHT KG* (LB*) | CAP. SAE L (GAL) | ADAPTERS |
|-----------------|------------------------|------------------------|--------------|
| 1500 (59) | 555 (1224) | 780 (206,1) | AF - S - CM |
| | | | CS - CW |
| | | | CS JANUS PRO |
| 1600 (63) | 580 (1279) | 820 (216,6) | AF - S - CM |
| | | | CS - CW |
| | | | CS JANUS PRO |
| 1800 (71) | 630 (1389) | 900 (237,8) | AF - S - CM |
| | | | CS - CW |
| | | | CS JANUS PRO |
| 2000 (79) | 678 (1495) | 980 (258,9) | AF - S - CM |
| | | | CS - CW |
| | | | CS JANUS PRO |
| 2200 (87) | 724 (1596) | 1060 (280,0) | AF - S - CM |
| | | | CS - CW |
| | | | CS JANUS PRO |

OPTIONAL

- 4 PERFORATED BLADE
- 5 HB400 ADDITIONAL EDGE MOUNTED ON THE BUCKET
- 6 HB500 WELDED ADDITIONAL CUTTING EDGE
- 7 BEZEL
- 8 REAR RAZOR
- 9 PIPE KIT



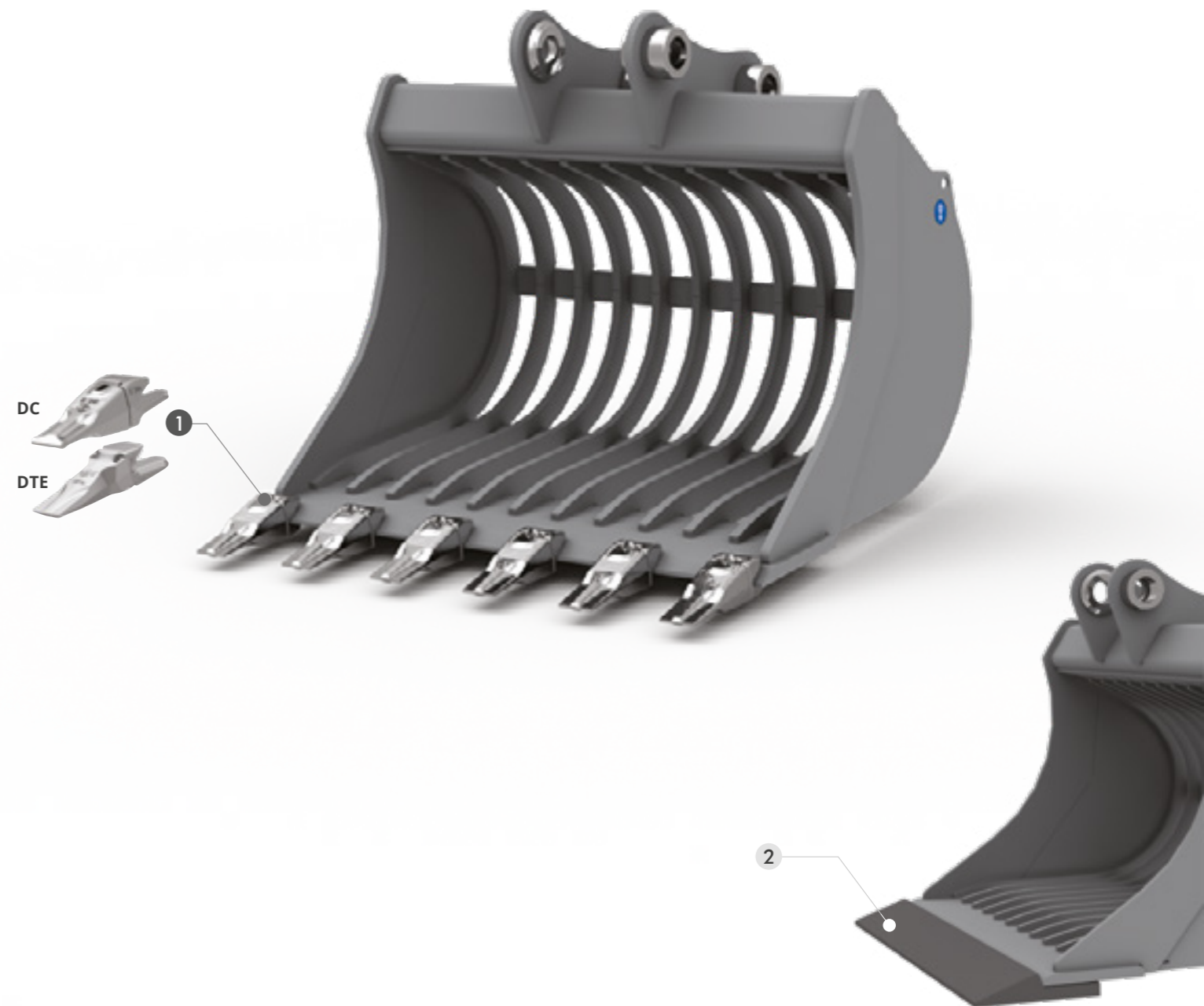
* weight of the tank excluding attachment



ADAPTERS



THE SKELETON BUCKET IS DESIGNED TO SORT STONES AND AGGREGATE MATERIALS. THE SIEVED MATERIAL'S SIZE DEPENDS ON THE DISTANCE AMONG THE GRIDS.



STANDARD TECHNICAL FEATURES

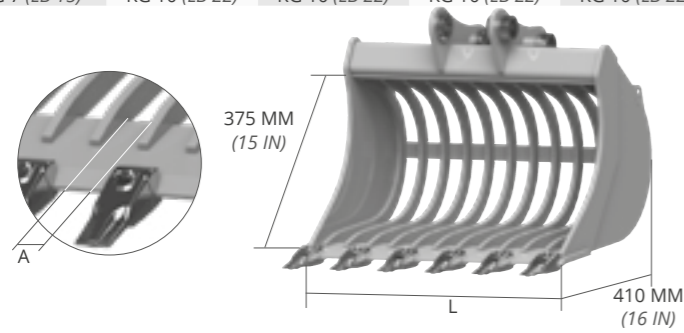
- 1 DC TEETH DTE TEETH

OPTIONAL

- 2 HB500 WELDED ADDITIONAL CUTTING EDGE (NO TEETH)
RECOMMENDED TO WORK ON PARTICULARLY ABRASIVE SOILS.

| MOD. | MIDI | | | | | | | EXCAVATOR | | | |
|-----------|----------------------------|----------------------------|----------------------------|-----------------------------|------------------------------|-------------------------------|--------------------------------|--------------------------------|--------------------------------|--------------------------------|--------------------------------|
| | VE38 | VE45 | VE53 | VE62 | VE67 | VE73 | VE80 | VE85 | VE92 GD | VE100 GD | VE110 GD |
| TONS (LB) | 0,6 - 1,8 (1323 - 3968) | 1,8 - 2,5 (2646 - 5512) | 2,5 - 4,0 (5512 - 8818) | 4,0 - 5,0 (8818 - 11023) | 5,0 - 7,5 (11023 - 16535) | 7,5 - 10,0 (16535 - 22046) | 10,0 - 12,0 (22046 - 26455) | 12,0 - 14,0 (26455 - 30865) | 12,0 - 14,0 (26455 - 30865) | 14,0 - 16,0 (30865 - 35274) | 16,0 - 19,0 (35274 - 41887) |

VE38 MACHINE WEIGHT 0,6 - 1,8 t (1323 - 3968 lb)

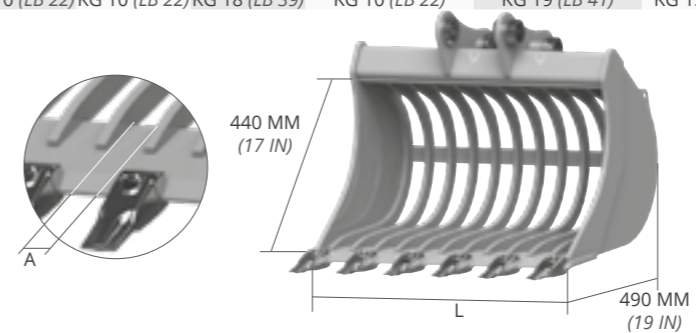


| L MM (IN) | A MM (IN) | WEIGHT KG* (LB*) | CAP. SAE L (GAL) | TEETH N° | ADAPTERS |
|-----------------|-----------------|------------------------|------------------------|-------------|--|
| 500 (20) | 54 (2,1) | 31 (68) | 49 (12,9) | 4 | AF - AR - CS CR - S - CM CW - CS JANUS PRO |
| 600 (24) | 51 (2,0) | 35 (77) | 61 (16,1) | 4 | AF - AR - CS CR - S - CM CW - CS JANUS PRO |
| 700 (28) | 55 (2,2) | 42 (93) | 74 (19,5) | 5 | AF - AR - CS CR - S - CM CW - CS JANUS PRO |

OPTIONAL

2
HB500 WELDED ADDITIONAL CUTTING EDGE

VE45 MACHINE WEIGHT 1,8 - 2,5 t (3968 - 5512 lb)

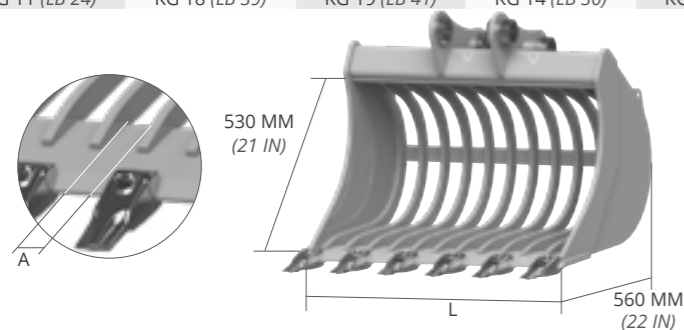


| L MM (IN) | A MM (IN) | WEIGHT KG* (LB*) | CAP. SAE L (GAL) | TEETH N° | ADAPTERS |
|-----------------|-----------------|------------------------|------------------------|-------------|--|
| 600 (24) | 55 (2,2) | 51 (112) | 79 (20,9) | 4 | AF - AR - CS CR - S - CM CW - CS JANUS PRO |
| 700 (28) | 59 (2,3) | 57 (126) | 95 (25,1) | 5 | AF - AR - CS CR - S - CM CW - CS JANUS PRO |
| 800 (31) | 55 (2,2) | 64 (141) | 111 (29,3) | 5 | AF - AR - CS CR - S - CM CW - CS JANUS PRO |

OPTIONAL

2
HB500 WELDED ADDITIONAL CUTTING EDGE

VE53 MACHINE WEIGHT 2,5 - 4,0 t (5512 - 8818 lb)

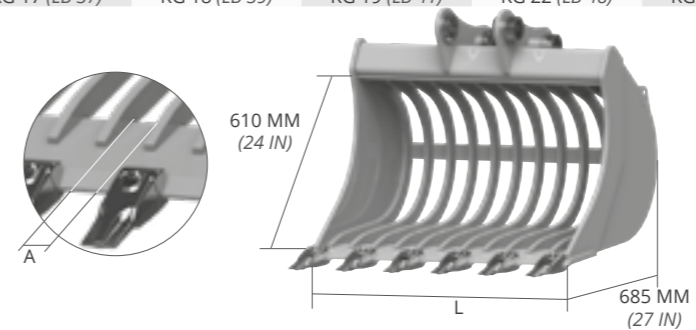


| L MM (IN) | A MM (IN) | WEIGHT KG* (LB*) | CAP. SAE L (GAL) | TEETH N° | ADAPTERS |
|-----------------|-----------------|------------------------|------------------------|-------------|--|
| 700 (28) | 59 (2,3) | 80 (176) | 142 (37,5) | 5 | AF - AR - CS CR - S - CM CW - CS JANUS PRO |
| 800 (31) | 55 (2,2) | 91 (201) | 166 (43,9) | 5 | AF - AR - CS CR - S - CM CW - CS JANUS PRO |
| 900 (35) | 58 (2,3) | 100 (220) | 190 (50,2) | 5 | AF - AR - CS CR - S - CM CW - CS JANUS PRO |

OPTIONAL

2
HB500 WELDED ADDITIONAL CUTTING EDGE

VE62 MACHINE WEIGHT 4,0 - 5,0 t (8818 - 11023 lb)



| L MM (IN) | A MM (IN) | WEIGHT KG* (LB*) | CAP. SAE L (GAL) | TEETH N° | ADAPTERS |
|-----------------|-----------------|------------------------|------------------------|-------------|--|
| 800 (31) | 66 (2,6) | 126 (278) | 226 (59,7) | 5 | AF - AR - CS CR - S - CM CW - CS JANUS PRO |
| 900 (35) | 61 (2,4) | 142 (313) | 259 (68,4) | 6 | AF - AR - CS CR - S - CM CW - CS JANUS PRO |
| 1000 (39) | 63 (2,5) | 153 (337) | 292 (77,1) | 6 | AF - AR - CS CR - S - CM CW - CS JANUS PRO |

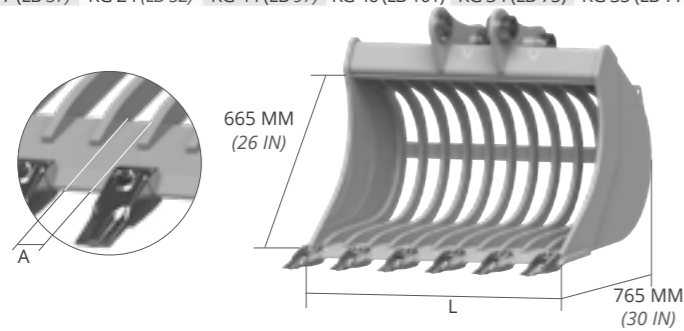
OPTIONAL

2
HB500 WELDED ADDITIONAL CUTTING EDGE

* weight of the tank excluding attachment

* weight of the tank excluding attachment

VE67 MACHINE WEIGHT 5,0 - 7,5 t (11023 - 16535 lb)

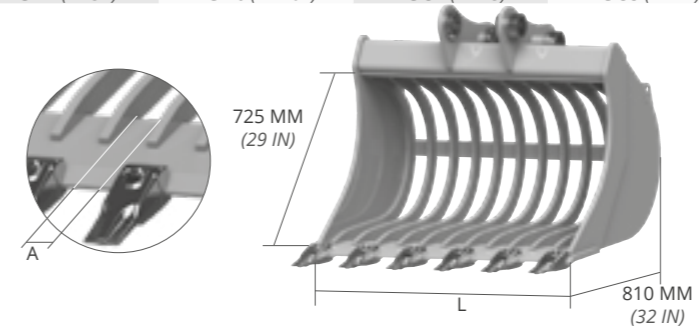


| L MM (IN) | A MM (IN) | WEIGHT KG* (LB*) | CAP. SAE L (GAL) | TEETH N° | ADAPTERS |
|-----------------|-----------------|------------------------|------------------------|-------------|-------------------|
| 800 (31) | 66 (2,6) | 166 (366) | 258 (68,2) | 5 | AF - AR - CS |
| | | | | | CR - S - CM |
| | | | | | CW - CS JANUS PRO |
| 900 (35) | 61 (2,4) | 187 (412) | 296 (78,2) | 6 | AF - AR - CS |
| | | | | | CR - S - CM |
| | | | | | CW - CS JANUS PRO |
| 1000 (39) | 63 (2,5) | 202 (445) | 335 (88,5) | 6 | AF - AR - CS |
| | | | | | CR - S - CM |
| | | | | | CW - CS JANUS PRO |

OPTIONAL

2
HB500 WELDED ADDITIONAL CUTTING EDGE

VE73 MACHINE WEIGHT 7,5 - 10,0 t (16535 - 22046 lb)

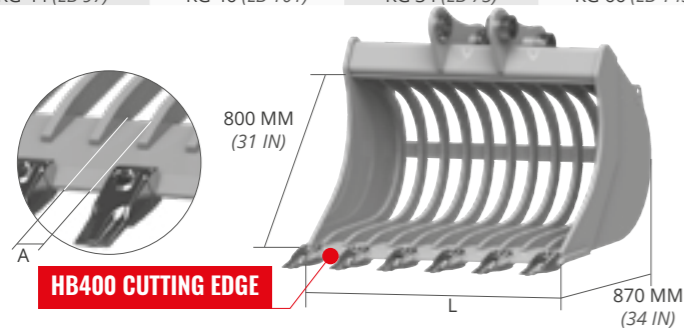


| L MM (IN) | A MM (IN) | WEIGHT KG* (LB*) | CAP. SAE L (GAL) | TEETH N° | ADAPTERS |
|-----------------|-----------------|------------------------|------------------------|-------------|-------------------|
| 800 (31) | 74 (2,9) | 192 (423) | 296 (78,2) | 5 | AF - CS |
| | | | | | CR - S - CM |
| | | | | | CW - CS JANUS PRO |
| 900 (35) | 67 (2,6) | 216 (476) | 340 (89,8) | 5 | AF - CS |
| | | | | | CR - S - CM |
| | | | | | CW - CS JANUS PRO |
| 1000 (39) | 69 (2,7) | 234 (516) | 384 (101,4) | 5 | AF - CS |
| | | | | | CR - S - CM |
| | | | | | CW - CS JANUS PRO |

OPTIONAL

2
HB500 WELDED ADDITIONAL CUTTING EDGE

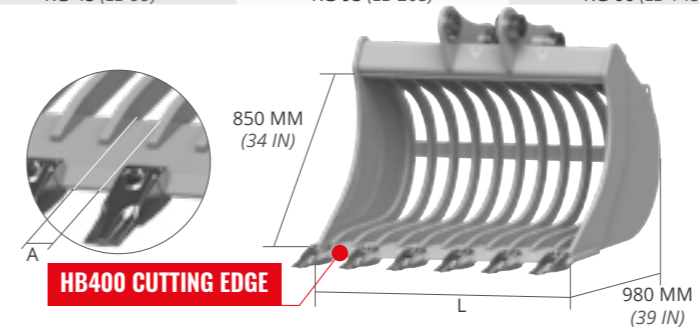
VE80 MACHINE WEIGHT 10,0 - 12,0 t (22046 - 26455 lb)



| L MM (IN) | A MM (IN) | WEIGHT KG* (LB*) | CAP. SAE L (GAL) | TEETH N° | ADAPTERS |
|-----------------|-----------------|------------------------|------------------------|-------------|----------------------------|
| 900 (35) | 74 (2,9) | 252 (556) | 410 (108,3) | 5 | AF - CS |
| | | | | | CR - S - CM - CS JANUS PRO |
| | | | | | CW |
| 1000 (39) | 67 (2,6) | 273 (602) | 479 (126,5) | 5 | AF - CS |
| | | | | | CR - S - CM - CS JANUS PRO |
| | | | | | CW |
| 1100 (43) | 69 (2,7) | 302 (666) | 555 (146,6) | 5 | AF - CS |
| | | | | | CR - S - CM - CS JANUS PRO |
| | | | | | CW |

* weight of the tank excluding attachment

VE85 MIDI MACHINE WEIGHT 12,0 - 14,0 t (26455 - 30865 lb)



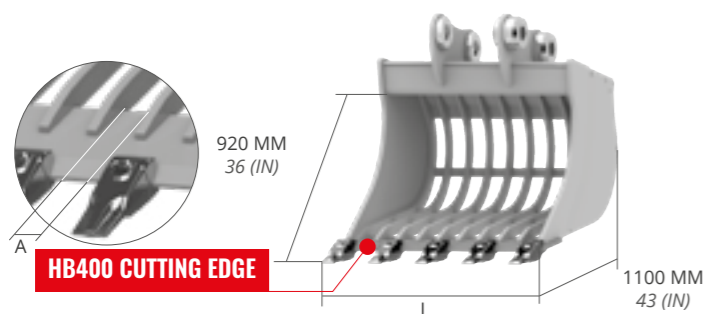
| L MM (IN) | A MM (IN) | WEIGHT KG* (LB*) | CAP. SAE L (GAL) | TEETH N° | ADAPTERS |
|-----------------|-----------------|------------------------|------------------------|-------------|--------------|
| 900 (35) | 80 (3,1) | 335 (736) | 510 (134,7) | 5 | AF - S - CM |
| | | | | | CS - CW |
| | | | | | CS JANUS PRO |
| 1000 (39) | 80 (3,1) | 363 (800) | 584 (154,3) | 5 | AF - S - CM |
| | | | | | CS - CW |
| | | | | | CS JANUS PRO |
| 1100 (43) | 80 (3,1) | 390 (860) | 657 (173,6) | 5 | AF - S - CM |
| | | | | | CS - CW |
| | | | | | CS JANUS PRO |
| 1200 (47) | 80 (3,1) | 418 (922) | 730 (192,8) | 6 | AF - S - CM |
| | | | | | CS - CW |
| | | | | | CS JANUS PRO |

OPTIONAL

2
HB500 WELDED ADDITIONAL CUTTING EDGE

* weight of the tank excluding attachment

VE92 GD EXCAVATOR MACHINE WEIGHT 12,0 - 14,0 t (26455 - 30865 lb)

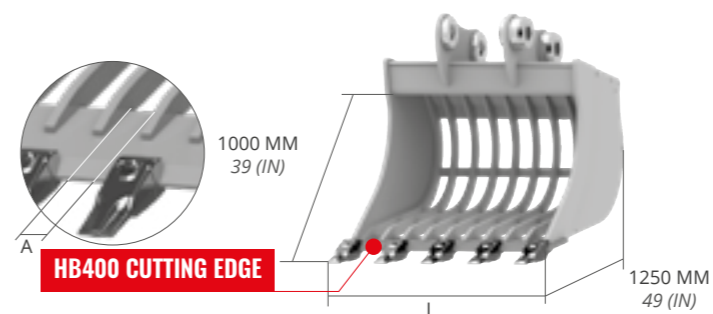


| L MM (IN) | A MM (IN) | WEIGHT KG* (LB*) | CAP. SAE L (GAL) | TEETH N° | ADAPTERS |
|-----------------|-----------------|------------------------|------------------------|-------------|--------------|
| 1200 (47) | 80 (3,1) | 431 (950) | 783 (206,8) | 5 | AF - S - CM |
| | | | | | CS - CW |
| | | | | | CS JANUS PRO |
| 1300 (51) | 80 (3,1) | 453 (998) | 878 (231,9) | 6 | AF - S - CM |
| | | | | | CS - CW |
| | | | | | CS JANUS PRO |
| 1400 (55) | 80 (3,1) | 475 (1047) | 973 (257,0) | 6 | AF - S - CM |
| | | | | | CS - CW |
| | | | | | CS JANUS PRO |

OPTIONAL

2
HB500 WELDED ADDITIONAL CUTTING EDGE

VE100 GD MACHINE WEIGHT 14,0 - 16,0 t (30865 - 35274 lb)

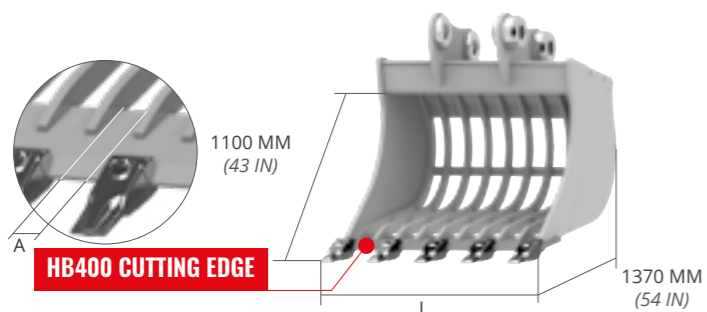


| L MM (IN) | A MM (IN) | WEIGHT KG* (LB*) | CAP. SAE L (GAL) | TEETH N° | ADAPTERS |
|-----------------|-----------------|------------------------|------------------------|-------------|--------------|
| 1200 (47) | 100 (3,9) | 587 (1294) | 909 (240,1) | 5 | AF - S - CM |
| | | | | | CS - CW |
| | | | | | CS JANUS PRO |
| 1300 (51) | 100 (3,9) | 632 (1393) | 1004 (265,2) | 6 | AF - S - CM |
| | | | | | CS - CW |
| | | | | | CS JANUS PRO |
| 1400 (55) | 100 (3,9) | 677 (1493) | 1108 (292,7) | 6 | AF - S - CM |
| | | | | | CS - CW |
| | | | | | CS JANUS PRO |

OPTIONAL

2
HB500 WELDED ADDITIONAL CUTTING EDGE

VE110 GD MACHINE WEIGHT 16,0 - 19,0 t (35274 - 41887 lb)



| L MM (IN) | A MM (IN) | WEIGHT KG* (LB*) | CAP. SAE L (GAL) | TEETH N° | ADAPTERS |
|-----------------|-----------------|------------------------|------------------------|-------------|--------------|
| 1200 (47) | 100 (3,9) | 691 (1523) | 1064 (281,1) | 5 | AF - S - CM |
| | | | | | CS - CW |
| | | | | | CS JANUS PRO |
| 1300 (51) | 100 (3,9) | 741 (1634) | 1173 (309,9) | 6 | AF - S - CM |
| | | | | | CS - CW |
| | | | | | CS JANUS PRO |
| 1400 (55) | 100 (3,9) | 791 (1744) | 1288 (340,3) | 6 | AF - S - CM |
| | | | | | CS - CW |
| | | | | | CS JANUS PRO |

OPTIONAL

2
HB500 WELDED ADDITIONAL CUTTING EDGE

* weight of the tank excluding attachment

* weight of the tank excluding attachment



TRAPEZOIDAL BUCKET

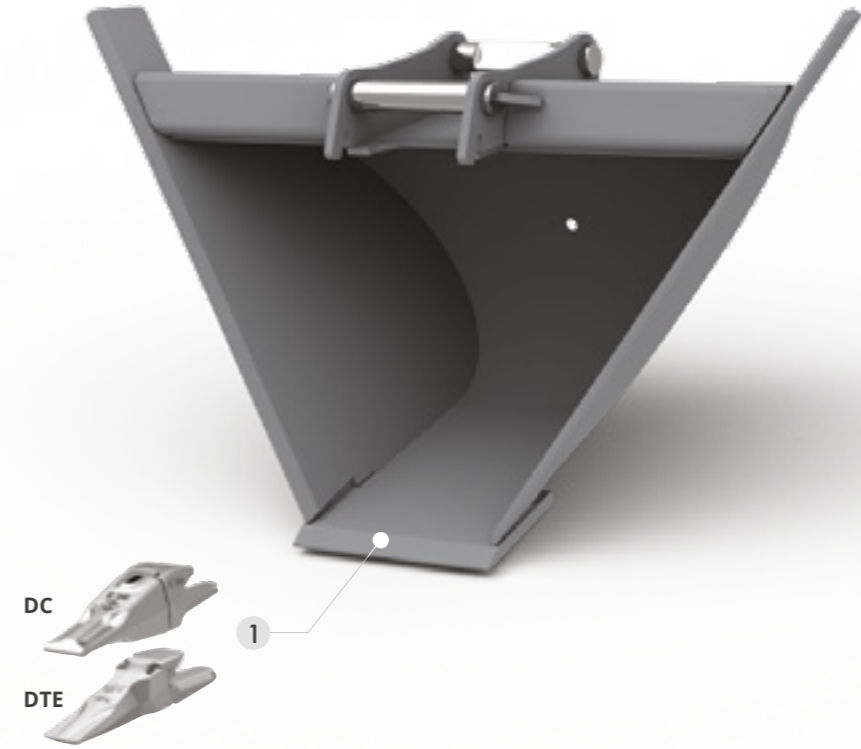
STANDARD PROFILE



ADAPTERS



ITS TRAPEZOIDAL SHAPE AND SIDE TILTING ANGLES (52°-60°) ENABLE THE REALIZATION AND MAINTENANCE OF DITCHES AND DRAINS OF DIFFERENT SIZES AND ANGLES.

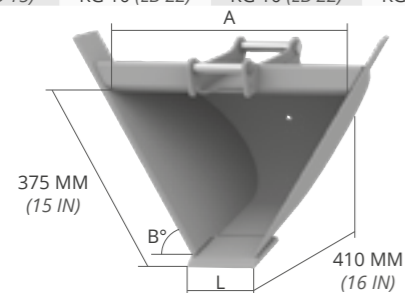


OPTIONAL

- 1 DC TEETH DTE TEETH

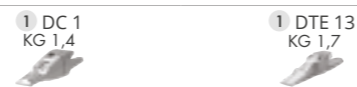
| MOD. | MIDI | | | | | | | EXCAVATOR | | | |
|-----------|----------------------------|----------------------------|----------------------------|-----------------------------|------------------------------|-------------------------------|--------------------------------|--------------------------------|--------------------------------|--------------------------------|--------------------------------|
| | T38 | T45 | T53 | T62 | T67 | T73 | T80 | T85 GD | T92 GD | T100 GD | T110 GD |
| TONS (LB) | 0,6 - 1,8 (1323 - 3968) | 1,8 - 2,5 (2646 - 5512) | 2,5 - 4,0 (5512 - 8818) | 4,0 - 5,0 (8818 - 11023) | 5,0 - 7,5 (11023 - 16535) | 7,5 - 10,0 (16535 - 22046) | 10,0 - 12,0 (22046 - 26455) | 12,0 - 14,0 (26455 - 30865) | 12,0 - 14,0 (26455 - 30865) | 14,0 - 16,0 (30865 - 35274) | 16,0 - 19,0 (35274 - 41887) |

T38 MACHINE WEIGHT 0,6 - 1,8 t (1323 - 3968 lb)

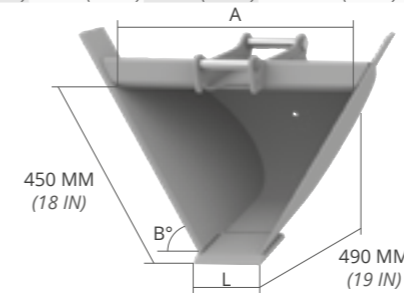


| L MM (IN) | A MM (IN) | B° | WEIGHT KG* (LB*) | CAP. SAE L (GAL) | ADAPTERS |
|-----------------|-----------------|-----|------------------------|------------------------|-------------------|
| 200 (8) | 607 (23,9) | 52° | 27 (60) | 47 (12,4) | AF - AR - CS |
| | | | | | CR - S - CM |
| | | | | | CW - CS JANUS PRO |
| 200 (8) | 490 (19,3) | 60° | 24 (53) | 37 (9,8) | AF - AR - CS |
| | | | | | CR - S - CM |
| | | | | | CW - CS JANUS PRO |

OPTIONAL

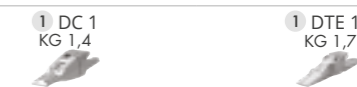


T45 MACHINE WEIGHT 1,8 - 2,5 t (3968 - 5512 lb)

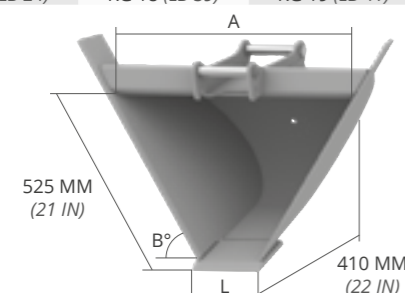


| L MM (IN) | A MM (IN) | B° | WEIGHT KG* (LB*) | CAP. SAE L (GAL) | ADAPTERS |
|-----------------|-----------------|-----|------------------------|------------------------|-------------------|
| 250 (10) | 741 (29,2) | 52° | 45 (99) | 77 (22,3) | AF - AR - CS |
| | | | | | CR - S - CM |
| | | | | | CW - CS JANUS PRO |
| 250 (10) | 600 (23,6) | 60° | 40 (88) | 63 (16,6) | AF - AR - CS |
| | | | | | CR - S - CM |
| | | | | | CW - CS JANUS PRO |

OPTIONAL

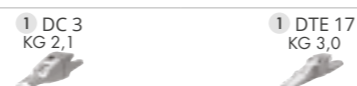


T53 MACHINE WEIGHT 2,5 - 4,0 t (5512 - 8818 lb)

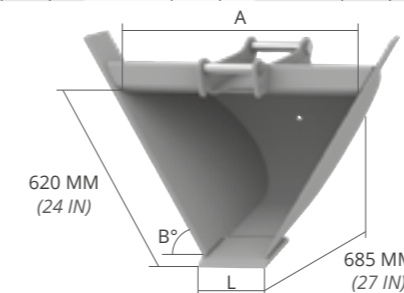


| L MM (IN) | A MM (IN) | B° | WEIGHT KG* (LB*) | CAP. SAE L (GAL) | ADAPTERS |
|-----------------|-----------------|-----|------------------------|------------------------|-------------------|
| 300 (12) | 868 (34,2) | 52° | 69 (152) | 140 (37,0) | AF - AR - CS |
| | | | | | CR - S - CM |
| | | | | | CW - CS JANUS PRO |
| 300 (12) | 705 (27,8) | 60° | 61 (134) | 114 (30,1) | AF - AR - CS |
| | | | | | CR - S - CM |
| | | | | | CW - CS JANUS PRO |

OPTIONAL

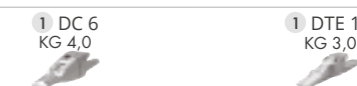


T62 MACHINE WEIGHT 4,0 - 5,0 t (8818 - 11023 lb)



| L MM (IN) | A MM (IN) | B° | WEIGHT KG* (LB*) | CAP. SAE L (GAL) | ADAPTERS |
|-----------------|-----------------|-----|------------------------|------------------------|-------------------|
| 300 (12) | 985 (38,8) | 52° | 101 (223) | 190 (50,2) | AF - AR - CS |
| | | | | | CR - S - CM |
| | | | | | CW - CS JANUS PRO |
| 300 (12) | 790 (31,1) | 60° | 88 (194) | 153 (40,4) | AF - AR - CS |
| | | | | | CR - S - CM |
| | | | | | CW - CS JANUS PRO |

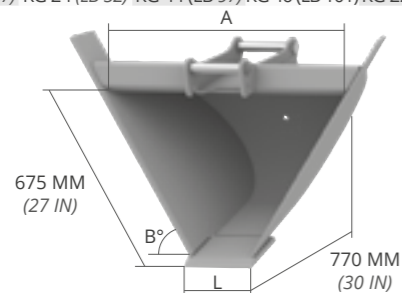
OPTIONAL



* weight of the tank excluding attachment

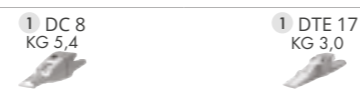
* weight of the tank excluding attachment

T67 MACHINE WEIGHT 5,0 - 7,5 t (11023 - 16535 lb)

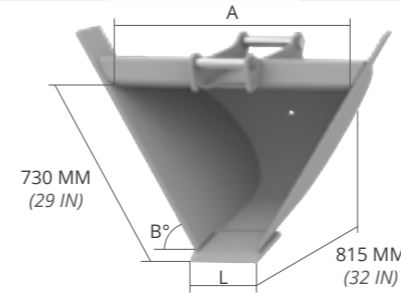


| L MM (IN) | A MM (IN) | B° | WEIGHT KG* (LB*) | CAP. SAE L (GAL) | ADAPTERS |
|-----------------|-----------------|-----|------------------------|------------------------|-------------------|
| 350 (14) | 1087 (42,8) | 52° | 144 (317) | 239 (63,1) | AF - AR - CS |
| | | | | | CR - S - CM |
| | | | | | CW - CS JANUS PRO |
| 350 (14) | 876 (34,5) | 60° | 126 (278) | 191 (50,5) | AF - AR - CS |
| | | | | | CR - S - CM |
| | | | | | CW - CS JANUS PRO |

OPTIONAL



T73 MACHINE WEIGHT 7,5 - 10,0 t (16535 - 22046 lb)

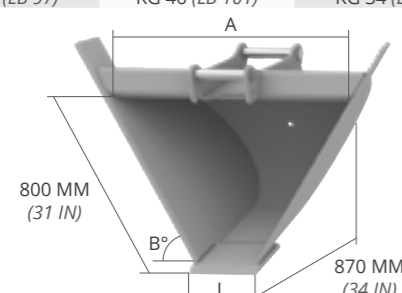


| L MM (IN) | A MM (IN) | B° | WEIGHT KG* (LB*) | CAP. SAE L (GAL) | ADAPTERS |
|-----------------|-----------------|-----|------------------------|------------------------|-------------------|
| 350 (14) | 1157 (45,6) | 52° | 166 (366) | 318 (84,0) | AF - CS |
| | | | | | CR - S - CM |
| | | | | | CW - CS JANUS PRO |
| 350 (14) | 928 (36,5) | 60° | 146 (322) | 254 (67,1) | AF - CS |
| | | | | | CR - S - CM |
| | | | | | CW - CS JANUS PRO |

OPTIONAL

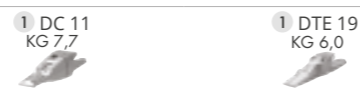


T80 MACHINE WEIGHT 10,0 - 12,0 t (22046 - 26455 lb)

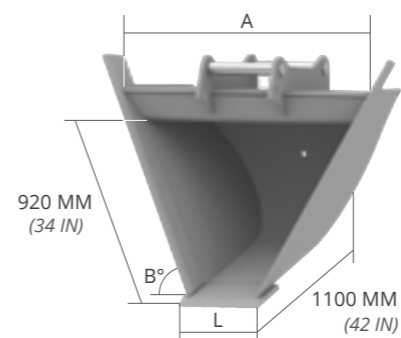


| L MM (IN) | A MM (IN) | B° | WEIGHT KG* (LB*) | CAP. SAE L (GAL) | ADAPTERS |
|-----------------|-----------------|-----|------------------------|------------------------|----------------------------|
| 350 (14) | 1236 (48,7) | 52° | 207 (456) | 355 (93,8) | AF - CS |
| | | | | | CR - S - CM - CS JANUS PRO |
| | | | | | CW |
| 350 (14) | 985 (38,8) | 60° | 184 (406) | 281 (74,2) | AF - CS |
| | | | | | CR - S - CM - CS JANUS PRO |
| | | | | | CW |

OPTIONAL

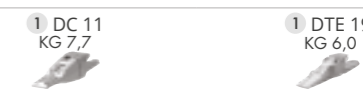


T85 GD MIDI MACHINE WEIGHT 12,0 - 14,0 t (26455 - 30865 lb)



| L MM (IN) | A MM (IN) | B° | WEIGHT KG* (LB*) | CAP. SAE L (GAL) | ADAPTERS |
|-----------------|-----------------|-----|------------------------|------------------------|-----------------|
| 350 (14) | 1420 (56) | 52° | 320 (705) | 430 (113,6) | AF - S - CM |
| | | | | | CS - CW |
| | | | | | CS JANUS PRO |
| 350 (14) | 1120 (44) | 60° | 275 (606) | 370 (97,7) | AF - S - CM |
| | | | | | CS - CW |
| | | | | | CS JANUS PRO |

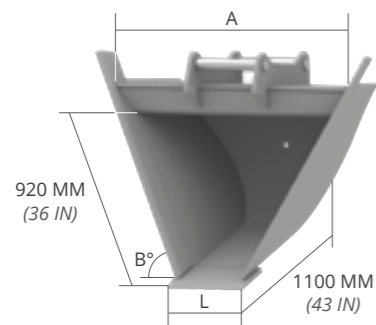
OPTIONAL



* weight of the tank excluding attachment

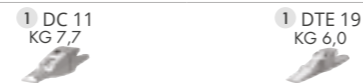
* weight of the tank excluding attachment

T92 GD EXCAVATOR MACHINE WEIGHT 12,0 - 14,0 t (26455 - 30865 lb)

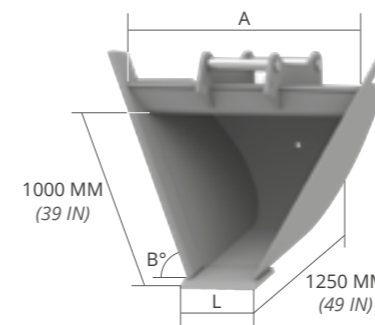


| L MM (IN) | A MM (IN) | B° | WEIGHT KG* (LB*) | CAP. SAE L (GAL) | ADAPTERS |
|-----------------|-----------------|-----|------------------------|------------------------|--------------|
| 400 (16) | 1550 (48) | 52° | 400 (882) | 540 (142,7) | AF - S - CM |
| | | | | | CS - CW |
| | | | | | CS JANUS PRO |
| 400 (16) | 1230 (48) | 60° | 340 (750) | 470 (124,2) | AF - S - CM |
| | | | | | CS - CW |
| | | | | | CS JANUS PRO |

OPTIONAL



T100 GD MACHINE WEIGHT 14,0 - 16,0 t (30865 - 35274 lb)

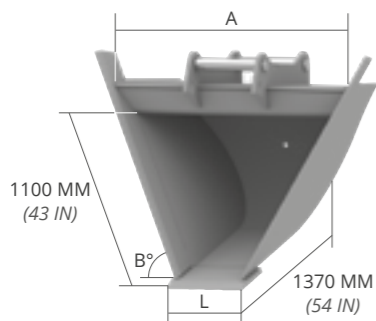


| L MM (IN) | A MM (IN) | B° | WEIGHT KG* (LB*) | CAP. SAE L (GAL) | ADAPTERS |
|-----------------|-----------------|-----|------------------------|------------------------|--------------|
| 400 (16) | 1680 (66) | 52° | 530 (1168) | 680 (179,6) | AF - S - CM |
| | | | | | CS - CW |
| | | | | | CS JANUS PRO |
| 400 (16) | 1320 (52) | 60° | 455 (1003) | 585 (154,5) | AF - S - CM |
| | | | | | CS - CW |
| | | | | | CS JANUS PRO |

OPTIONAL

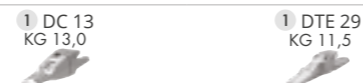


T110 GD MACHINE WEIGHT 16,0 - 19,0 t (35274 - 41887 lb)



| L MM (IN) | A MM (IN) | B° | WEIGHT KG* (LB*) | CAP. SAE L (GAL) | ADAPTERS |
|-----------------|-----------------|-----|------------------------|------------------------|--------------|
| 400 (16) | 1820 (72) | 52° | 660 (1455) | 870 (229,8) | AF - S - CM |
| | | | | | CS - CW |
| | | | | | CS JANUS PRO |
| 400 (16) | 1100 (43) | 60° | 565 (1246) | 740 (195,5) | AF - S - CM |
| | | | | | CS - CW |
| | | | | | CS JANUS PRO |

OPTIONAL



* weight of the tank excluding attachment

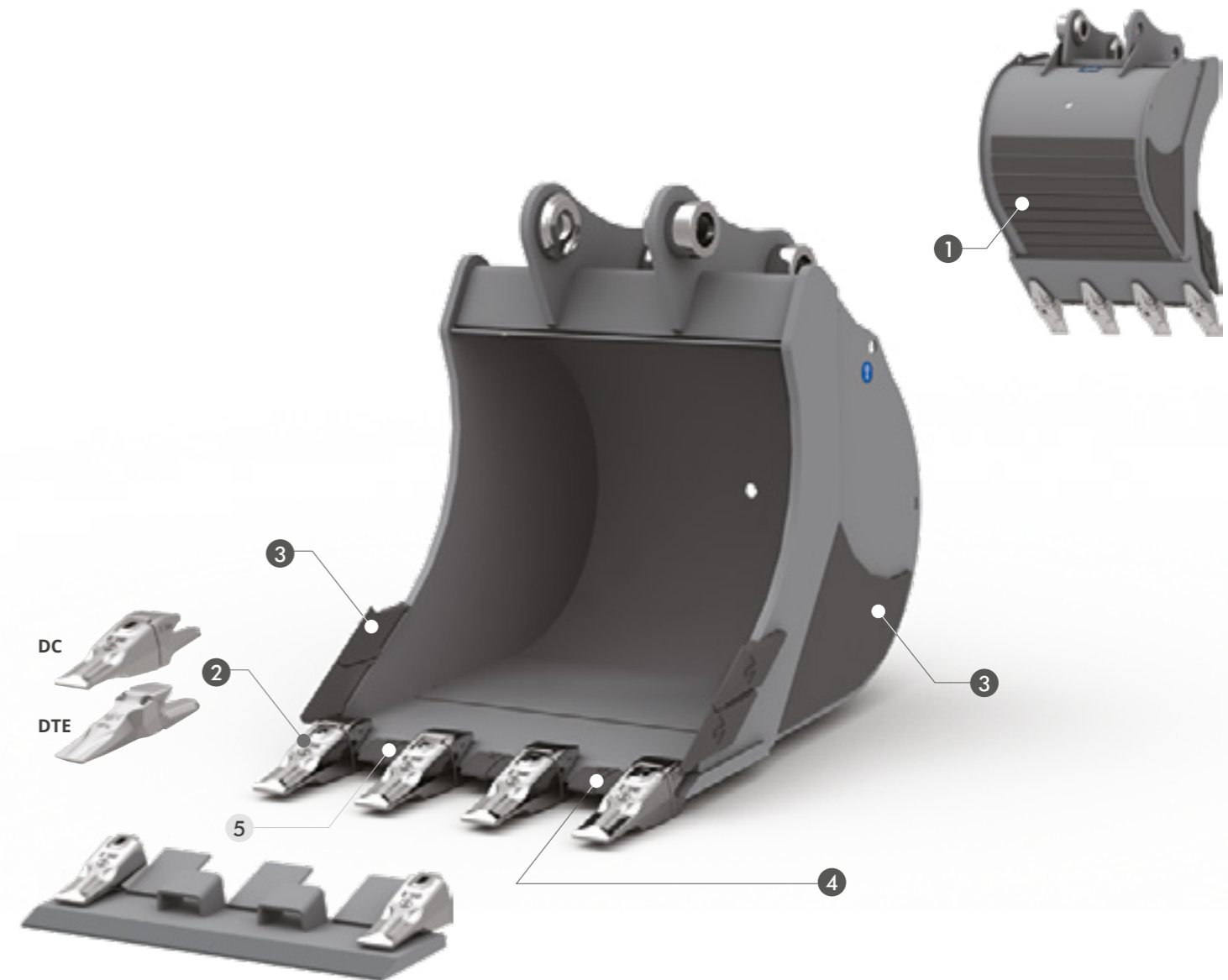
* weight of the tank excluding attachment



ITS PROFILE HAS BEEN DESIGNED TO HELP THE TOOL TO PENETRATE MOSTLY ROCKY GROUNDS. SUPPLIED WITH HB400 SIDE REINFORCEMENTS, STRIPS, CUTTERS AND BLADE GUARDS TO GUARANTEE HIGH RESISTANCE TO WEAR.



ADAPTERS



STANDARD TECHNICAL FEATURES

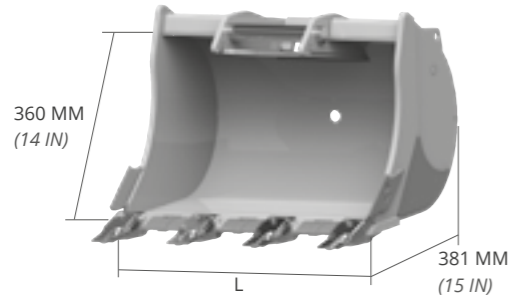
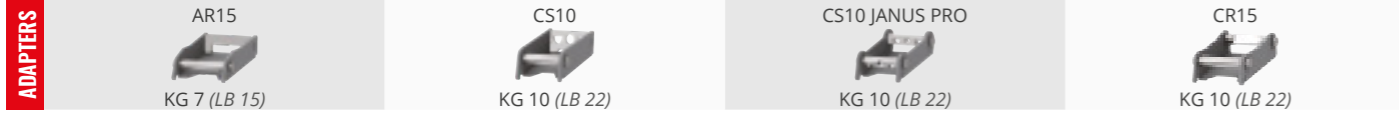
- 1 REINFORCING STRIPS HB400**
THE HORIZONTAL REINFORCING STRIPS ON THE BUCKET'S REAR AND BOTTOM PROTECT THE BUCKET FROM WEAR AND INCREASE ITS RESISTANCE.
- 2 DC TEETH DTE TEETH**
- 3 HB400 SIDE CAST CUTTERS AND REINFORCEMENTS**
THESE HB400 CAST CUTTERS ARE POSITIONED ON THE SURFACES MOSTLY SUBJECT TO WEAR GRANTING A HIGHER RESISTANCE.
- 4 REINFORCED CUTTING EDGE**
UP TO 10 TONS: HB400 CAST SHROUDS MOUNTED ON PARTS SUBJECT TO WEAR.
BEYOND 10 TONS: HB400 CUTTING EDGE.

OPTIONAL

- 5 GRADING EDGE**
INSTALLED DIRECTLY ON THE ADAPTERS OF THE WELDED TEETH. THIS PATTERN MAKES THE INSTALLING/UNINSTALLING OPERATIONS EASIER AND GRANTS A HIGH RESISTANCE TO THE BUCKET.

| MOD. | MIDI EXCAVATOR | | | | | | | | | | | |
|-----------|----------------------------|----------------------------|----------------------------|----------------------------|-----------------------------|------------------------------|-------------------------------|--------------------------------|--------------------------------|--------------------------------|--------------------------------|--------------------------------|
| | SCR36 | SCR38 | SCR45 | SCR53 | SCR62 | SCR67 | SCR73 | SCR80 | SCR85 | SCR92 HD | SCR100 HD | SCR110 HD |
| TONS (LB) | 1,2 - 1,8 (2646 - 3968) | 1,2 - 1,8 (2646 - 3968) | 1,8 - 2,5 (3968 - 5512) | 2,5 - 4,0 (5512 - 8818) | 4,0 - 5,0 (8818 - 11023) | 5,0 - 7,5 (11023 - 16535) | 7,5 - 10,0 (16535 - 22046) | 10,0 - 12,0 (22046 - 26455) | 12,0 - 14,0 (26455 - 30865) | 12,0 - 14,0 (26455 - 30865) | 14,0 - 16,0 (30865 - 35274) | 16,0 - 19,0 (35274 - 41887) |

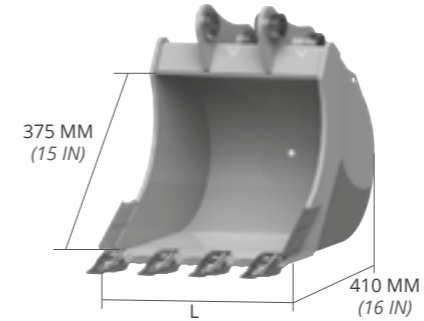
SCR36 MACHINE WEIGHT 1,2 - 1,8 t (2646 - 3968 lb)



| L MM (IN) | WEIGHT KG* (LB*) | CAP. SAE L (GAL) | TEETH N. | ADAPTERS |
|-----------------|------------------------|------------------------|----------------|--------------|
| 200 (8) | 17 (38) | 15 (4,0) | 2 | AR - CS |
| | | | | CR |
| | | | | CS JANUS PRO |
| 250 (10) | 19 (43) | 20 (5,3) | DF2 DC3 DE3 | AR - CS |
| | | | | CR |
| | | | | CS JANUS PRO |
| 300 (12) | 22 (48) | 25 (6,6) | 3 | AR - CS |
| | | | | CR |
| | | | | CS JANUS PRO |
| 350 (14) | 24 (52) | 31 (8,2) | 3 | AR - CS |
| | | | | CR |
| | | | | CS JANUS PRO |
| 400 (16) | 28 (61) | 37 (9,8) | 3 | AR - CS |
| | | | | CR |
| | | | | CS JANUS PRO |
| 450 (18) | 31 (68) | 43 (11,4) | 3 | AR - CS |
| | | | | CR |
| | | | | CS JANUS PRO |
| 500 (20) | 35 (76) | 49 (12,4) | 4 | AR - CS |
| | | | | CR |
| | | | | CS JANUS PRO |
| 600 (24) | 39 (86) | 61 (16,1) | 4 | AR - CS |
| | | | | CR |
| | | | | CS JANUS PRO |
| 700 (28) | 44 (98) | 74 (19,5) | 5 | AR - CS |
| | | | | CR |
| | | | | CS JANUS PRO |

* weight of the tank excluding attachment

SCR38 MACHINE WEIGHT 1,2 - 1,8 t (2646 - 3968 lb)



| L MM (IN) | WEIGHT KG* (LB*) | CAP. SAE L (GAL) | TEETH N. | ADAPTERS |
|-----------------|------------------------|------------------------|----------------|-------------------|
| 200 (8) | 17 (38) | 15 (4,0) | 2 | AF - AR - CS |
| | | | | CR - S - CM |
| | | | | CW - CS JANUS PRO |
| 250 (10) | 19 (43) | 20 (5,3) | DF2 DC3 DE3 | AF - AR - CS |
| | | | | CR - S - CM |
| | | | | CW - CS JANUS PRO |
| 300 (12) | 22 (48) | 25 (6,6) | 3 | AF - AR - CS |
| | | | | CR - S - CM |
| | | | | CW - CS JANUS PRO |
| 350 (14) | 24 (52) | 31 (8,2) | 3 | AF - AR - CS |
| | | | | CR - S - CM |
| | | | | CW - CS JANUS PRO |
| 400 (16) | 28 (61) | 37 (9,8) | 3 | AF - AR - CS |
| | | | | CR - S - CM |
| | | | | CW - CS JANUS PRO |
| 450 (18) | 31 (68) | 43 (11,4) | 3 | AF - AR - CS |
| | | | | CR - S - CM |
| | | | | CW - CS JANUS PRO |
| 500 (20) | 35 (76) | 49 (12,4) | 4 | AF - AR - CS |
| | | | | CR - S - CM |
| | | | | CW - CS JANUS PRO |
| 600 (24) | 39 (86) | 61 (16,1) | 4 | AF - AR - CS |
| | | | | CR - S - CM |
| | | | | CW - CS JANUS PRO |
| 700 (28) | 44 (98) | 74 (19,5) | 5 | AF - AR - CS |
| | | | | CR - S - CM |
| | | | | CW - CS JANUS PRO |

* weight of the tank excluding attachment

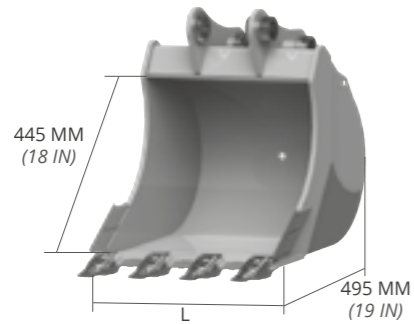
OPTIONAL

| 5 SUPPLEMENTARY BLADE |
|-----------------------------|
|-----------------------------|

OPTIONAL

| 5 SUPPLEMENTARY BLADE |
|-----------------------------|
|-----------------------------|

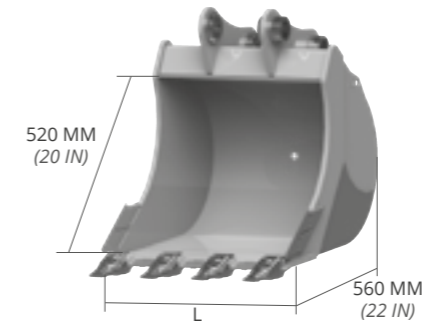
SCR45 MACHINE WEIGHT 1,8 - 2,5 t (3968 - 5512 lb)



| L MM (IN) | WEIGHT KG* (LB*) | CAP. SAE L (GAL) | TEETH N. | ADAPTERS |
|-----------------|------------------------|------------------------|-------------|-------------------|
| 250 (10) | 26 (57) | 25 (6,6) | DF2 DC3 DE3 | AF - AR - CS |
| | | | | CR - S - CM |
| | | | | CW - CS JANUS PRO |
| 300 (12) | 29 (64) | 33 (8,7) | 3 | AF - AR - CS |
| | | | | CR - S - CM |
| | | | | CW - CS JANUS PRO |
| 350 (14) | 32 (80) | 40 (10,6) | 3 | AF - AR - CS |
| | | | | CR - S - CM |
| | | | | CW - CS JANUS PRO |
| 400 (16) | 36 (80) | 48 (12,7) | 3 | AF - AR - CS |
| | | | | CR - S - CM |
| | | | | CW - CS JANUS PRO |
| 450 (18) | 39 (87) | 56 (14,8) | 3 | AF - AR - CS |
| | | | | CR - S - CM |
| | | | | CW - CS JANUS PRO |
| 500 (20) | 43 (95) | 65 (17,2) | 4 | AF - AR - CS |
| | | | | CR - S - CM |
| | | | | CW - CS JANUS PRO |
| 600 (24) | 50 (109) | 82 (21,7) | 4 | AF - AR - CS |
| | | | | CR - S - CM |
| | | | | CW - CS JANUS PRO |
| 700 (28) | 56 (123) | 100 (26,4) | 5 | AF - AR - CS |
| | | | | CR - S - CM |
| | | | | CW - CS JANUS PRO |
| 800 (31) | 65 (142) | 117 (30,9) | 5 | AF - AR - CS |
| | | | | CR - S - CM |
| | | | | CW - CS JANUS PRO |

* weight of the tank excluding attachment

SCR53 MACHINE WEIGHT 2,5 - 4,0 t (5512 - 8818 lb)



| L MM (IN) | WEIGHT KG* (LB*) | CAP. SAE L (GAL) | TEETH N. | ADAPTERS |
|-----------------|------------------------|------------------------|-------------|-------------------|
| 250 (10) | 37 (82) | 32 (8,5) | 2 | AF - AR - CS |
| | | | | CR - S - CM |
| | | | | CW - CS JANUS PRO |
| 300 (12) | 40 (89) | 41 (10,8) | 3 | AF - AR - CS |
| | | | | CR - S - CM |
| | | | | CW - CS JANUS PRO |
| 350 (14) | 46 (101) | 51 (13,5) | 3 | AF - AR - CS |
| | | | | CR - S - CM |
| | | | | CW - CS JANUS PRO |
| 400 (16) | 51 (111) | 61 (16,1) | 3 | AF - AR - CS |
| | | | | CR - S - CM |
| | | | | CW - CS JANUS PRO |
| 450 (18) | 55 (121) | 72 (19,0) | 3 | AF - AR - CS |
| | | | | CR - S - CM |
| | | | | CW - CS JANUS PRO |
| 500 (20) | 59 (129) | 82 (21,7) | 4 | AF - AR - CS |
| | | | | CR - S - CM |
| | | | | CW - CS JANUS PRO |
| 600 (24) | 67 (148) | 105 (27,7) | 4 | AF - AR - CS |
| | | | | CR - S - CM |
| | | | | CW - CS JANUS PRO |
| 700 (28) | 76 (167) | 127 (33,5) | 5 | AF - AR - CS |
| | | | | CR - S - CM |
| | | | | CW - CS JANUS PRO |
| 800 (31) | 85 (187) | 152 (40,2) | 5 | AF - AR - CS |
| | | | | CR - S - CM |
| | | | | CW - CS JANUS PRO |
| 900 (35) | 93 (206) | 175 (46,2) | 5 | AF - AR - CS |
| | | | | CR - S - CM |
| | | | | CW - CS JANUS PRO |

* weight of the tank excluding attachment

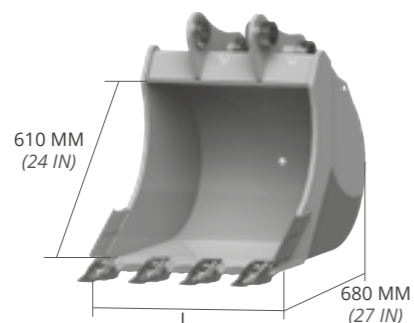
OPTIONAL

5
SUPPLEMENTARY
BLADE

OPTIONAL

5
SUPPLEMENTARY
BLADE

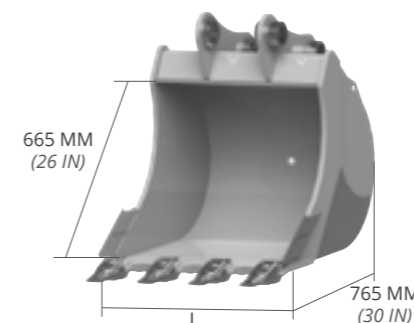
SCR62 MACHINE WEIGHT 4,0 - 5,0 t (8818 - 11023 lb)



| L MM (IN) | WEIGHT KG* (LB*) | CAP. SAE L (GAL) | TEETH N. | ADAPTERS |
|-----------------|------------------------|------------------------|-------------|-------------------|
| 250 (10) | 57 (126) | 45 (11,9) | 2 | AF - AR - CS |
| | | | | CR - S - CM |
| | | | | CW - CS JANUS PRO |
| 300 (12) | 63 (138) | 58 (15,3) | 3 | AF - AR - CS |
| | | | | CR - S - CM |
| | | | | CW - CS JANUS PRO |
| 350 (14) | 68 (150) | 71 (18,8) | 3 | AF - AR - CS |
| | | | | CR - S - CM |
| | | | | CW - CS JANUS PRO |
| 400 (16) | 74 (163) | 85 (22,5) | 3 | AF - AR - CS |
| | | | | CR - S - CM |
| | | | | CW - CS JANUS PRO |
| 450 (18) | 79 (175) | 100 (26,4) | 3 | AF - AR - CS |
| | | | | CR - S - CM |
| | | | | CW - CS JANUS PRO |
| 500 (20) | 86 (188) | 115 (30,4) | 4 | AF - AR - CS |
| | | | | CR - S - CM |
| | | | | CW - CS JANUS PRO |
| 600 (24) | 97 (215) | 147 (38,8) | 4 | AF - AR - CS |
| | | | | CR - S - CM |
| | | | | CW - CS JANUS PRO |
| 700 (28) | 109 (241) | 180 (47,6) | 5 | AF - AR - CS |
| | | | | CR - S - CM |
| | | | | CW - CS JANUS PRO |
| 800 (31) | 121 (267) | 213 (56,3) | 5 | AF - AR - CS |
| | | | | CR - S - CM |
| | | | | CW - CS JANUS PRO |
| 900 (35) | 133 (293) | 248 (65,5) | 6 | AF - AR - CS |
| | | | | CR - S - CM |
| | | | | CW - CS JANUS PRO |
| 1000 (39) | 145 (319) | 282 (74,5) | 6 | AF - AR - CS |
| | | | | CR - S - CM |
| | | | | CW - CS JANUS PRO |

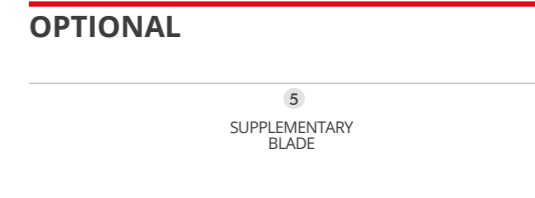
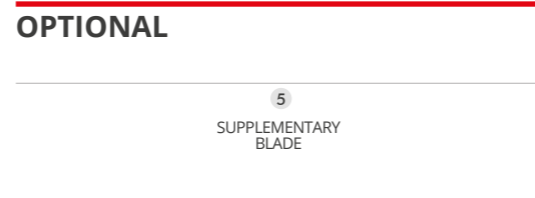
* weight of the tank excluding attachment

SCR67 MACHINE WEIGHT 5,0 - 7,5 t (11023 - 16535 lb)

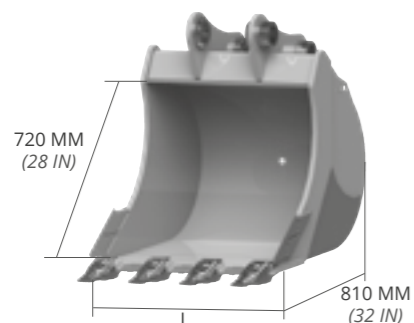


| L MM (IN) | WEIGHT KG* (LB*) | CAP. SAE L (GAL) | TEETH N. | ADAPTERS |
|-----------------|------------------------|------------------------|-------------|-------------------|
| 300 (12) | 83 (182) | 68 (18,0) | 3 | AF - AR - CS |
| | | | | CR - S - CM |
| | | | | CW - CS JANUS PRO |
| 350 (14) | 92 (202) | 84 (22,2) | 3 | AF - AR - CS |
| | | | | CR - S - CM |
| | | | | CW - CS JANUS PRO |
| 400 (16) | 101 (222) | 101 (26,7) | 3 | AF - AR - CS |
| | | | | CR - S - CM |
| | | | | CW - CS JANUS PRO |
| 450 (18) | 109 (240) | 118 (31,2) | 3 | AF - AR - CS |
| | | | | CR - S - CM |
| | | | | CW - CS JANUS PRO |
| 500 (20) | 117 (258) | 137 (36,2) | 4 | AF - AR - CS |
| | | | | CR - S - CM |
| | | | | CW - CS JANUS PRO |
| 600 (24) | 134 (296) | 174 (46,0) | 4 | AF - AR - CS |
| | | | | CR - S - CM |
| | | | | CW - CS JANUS PRO |
| 700 (28) | 150 (331) | 214 (56,5) | 5 | AF - AR - CS |
| | | | | CR - S - CM |
| | | | | CW - CS JANUS PRO |
| 800 (31) | 167 (368) | 254 (67,1) | 5 | AF - AR - CS |
| | | | | CR - S - CM |
| | | | | CW - CS JANUS PRO |
| 900 (35) | 183 (403) | 295 (77,9) | 6 | AF - AR - CS |
| | | | | CR - S - CM |
| | | | | CW - CS JANUS PRO |
| 1000 (39) | 199 (438) | 338 (89,3) | 6 | AF - AR - CS |
| | | | | CR - S - CM |
| | | | | CW - CS JANUS PRO |

* weight of the tank excluding attachment



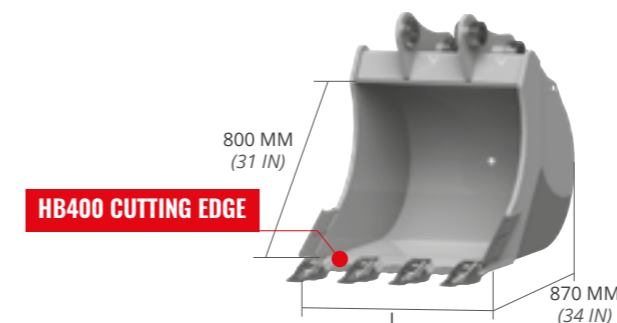
SCR73 MACHINE WEIGHT 7,5 - 10,0 t (116535 - 22046 lb)



| L MM (IN) | WEIGHT KG* (LB*) | CAP. SAE L (GAL) | TEETH N. | ADAPTERS |
|-----------------|------------------------|------------------------|-------------|-------------------|
| 300 (12) | 95 (210) | 76 (20,1) | 2 | AF - CS |
| | | | | CR - S - CM |
| | | | | CW - CS JANUS PRO |
| 350 (14) | 103 (228) | 94 (24,8) | 3 | AF - CS |
| | | | | CR - S - CM |
| | | | | CW - CS JANUS PRO |
| 400 (16) | 110 (243) | 113 (29,9) | 3 | AF - CS |
| | | | | CR - S - CM |
| | | | | CW - CS JANUS PRO |
| 450 (18) | 120 (265) | 133 (35,1) | 3 | AF - CS |
| | | | | CR - S - CM |
| | | | | CW - CS JANUS PRO |
| 500 (20) | 130 (286) | 153 (40,4) | 3 | AF - CS |
| | | | | CR - S - CM |
| | | | | CW - CS JANUS PRO |
| 600 (24) | 148 (326) | 196 (51,8) | 4 | AF - CS |
| | | | | CR - S - CM |
| | | | | CW - CS JANUS PRO |
| 700 (28) | 166 (366) | 240 (63,4) | 4 | AF - CS |
| | | | | CR - S - CM |
| | | | | CW - CS JANUS PRO |
| 800 (31) | 184 (406) | 286 (75,6) | 5 | AF - CS |
| | | | | CR - S - CM |
| | | | | CW - CS JANUS PRO |
| 900 (35) | 202 (446) | 333 (88,0) | 5 | AF - CS |
| | | | | CR - S - CM |
| | | | | CW - CS JANUS PRO |
| 1000 (39) | 220 (486) | 379 (100,1) | 5 | AF - CS |
| | | | | CR - S - CM |
| | | | | CW - CS JANUS PRO |
| 1100 (43) | 238 (525) | 430 (113,6) | 5 | AF - CS |
| | | | | CR - S - CM |
| | | | | CW - CS JANUS PRO |

* weight of the tank excluding attachment

SCR80 SC80 MACHINE WEIGHT 10,0 - 12,0 t (22046 - 26455 lb)



| L MM (IN) | WEIGHT KG* (LB*) | CAP. SAE L (GAL) | TEETH N. | ADAPTERS |
|-----------------|------------------------|------------------------|-------------|----------------------------|
| 300 (12) | 119 (261) | 86 (22,7) | 2 | AF - CS |
| | | | | CR - S - CM - CS JANUS PRO |
| | | | | CW |
| 350 (14) | 128 (282) | 107 (28,3) | 3 | AF - CS |
| | | | | CR - S - CM - CS JANUS PRO |
| | | | | CW |
| 400 (16) | 141 (311) | 129 (34,1) | 3 | AF - CS |
| | | | | CR - S - CM - CS JANUS PRO |
| | | | | CW |
| 450 (18) | 151 (333) | 151 (39,9) | 3 | AF - CS |
| | | | | CR - S - CM - CS JANUS PRO |
| | | | | CW |
| 500 (20) | 162 (357) | 174 (46,0) | 3 | AF - CS |
| | | | | CR - S - CM - CS JANUS PRO |
| | | | | CW |
| 600 (24) | 182 (402) | 222 (58,6) | 4 | AF - CS |
| | | | | CR - S - CM - CS JANUS PRO |
| | | | | CW |
| 700 (28) | 203 (447) | 273 (72,1) | 4 | AF - CS |
| | | | | CR - S - CM - CS JANUS PRO |
| | | | | CW |
| 800 (31) | 222 (489) | 325 (85,9) | 5 | AF - CS |
| | | | | CR - S - CM - CS JANUS PRO |
| | | | | CW |
| 900 (35) | 242 (534) | 379 (100,1) | 5 | AF - CS |
| | | | | CR - S - CM - CS JANUS PRO |
| | | | | CW |
| 1000 (39) | 261 (576) | 433 (114,4) | 5 | AF - CS |
| | | | | CR - S - CM - CS JANUS PRO |
| | | | | CW |
| 1100 (43) | 282 (621) | 486 (128,4) | 5 | AF - CS |
| | | | | CR - S - CM - CS JANUS PRO |
| | | | | CW |
| 1200 (47) | 303 (667) | 546 (144,2) | 6 | AF - CS |
| | | | | CR - S - CM - CS JANUS PRO |
| | | | | CW |
| 1300 (51) | 323 (712) | 602 (159,0) | 6 | AF - CS |
| | | | | CR - S - CM - CS JANUS PRO |
| | | | | CW |

* weight of the tank excluding attachment

OPTIONAL

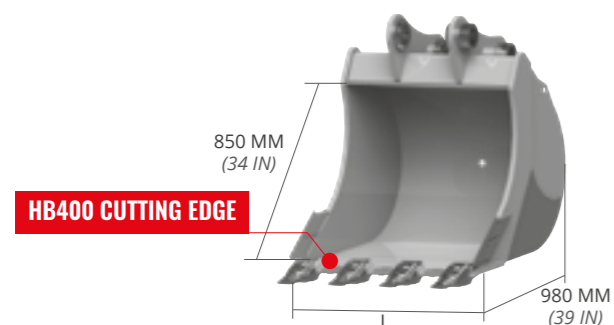
| 5 | SUPPLEMENTARY BLADE |
|---|------------------------|
|---|------------------------|

OPTIONAL

| 5 | SUPPLEMENTARY BLADE |
|---|------------------------|
|---|------------------------|

SCR85 MIDI MACHINE WEIGHT 12,0 - 14,0 t (26455 - 30865 lb)

| ADAPTERS | CS100 KG 45 (LB 99) | CS100 JANUS PRO KG 93 (LB 205) | CM180 KG 66 (LB 145) | S60 KG 57 (LB 125) | CW20 KG 57 (LB 126) |
|----------|------------------------|-----------------------------------|-------------------------|-----------------------|------------------------|
|----------|------------------------|-----------------------------------|-------------------------|-----------------------|------------------------|

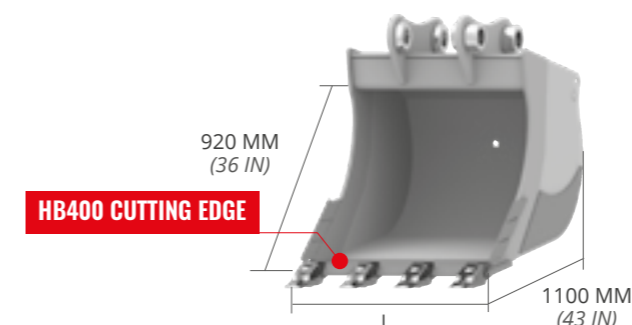


| L MM (IN) | WEIGHT KG* (LB*) | CAP. SAE L (GAL) | TEETH N. | ADAPTERS |
|-----------------|------------------------|------------------------|-------------|--------------|
| 400 (16) | 197 (435) | 171 (45,2) | 3 | AF - S - CM |
| | | | | CS - CW |
| | | | | CS JANUS PRO |
| 500 (20) | 220 (486) | 235 (62,1) | 3 | AF - S - CM |
| | | | | CS - CW |
| | | | | CS JANUS PRO |
| 600 (24) | 243 (536) | 300 (79,3) | 4 | AF - S - CM |
| | | | | CS - CW |
| | | | | CS JANUS PRO |
| 700 (28) | 266 (586) | 368 (97,2) | 4 | AF - S - CM |
| | | | | CS - CW |
| | | | | CS JANUS PRO |
| 800 (31) | 289 (638) | 438 (115,7) | 5 | AF - S - CM |
| | | | | CS - CW |
| | | | | CS JANUS PRO |
| 900 (35) | 312 (688) | 510 (134,7) | 5 | AF - S - CM |
| | | | | CS - CW |
| | | | | CS JANUS PRO |
| 1000 (39) | 336 (741) | 584 (154,3) | 5 | AF - S - CM |
| | | | | CS - CW |
| | | | | CS JANUS PRO |
| 1100 (43) | 360 (793) | 657 (173,6) | 5 | AF - S - CM |
| | | | | CS - CW |
| | | | | CS JANUS PRO |
| 1200 (47) | 384 (847) | 730 (192,8) | 6 | AF - S - CM |
| | | | | CS - CW |
| | | | | CS JANUS PRO |
| 1300 (51) | 408 (899) | 810 (214,0) | 6 | AF - S - CM |
| | | | | CS - CW |
| | | | | CS JANUS PRO |

* weight of the tank excluding attachment

SCR92 HD EXCAVATOR MACHINE WEIGHT 12,0 - 14,0 t (26455 - 30865 lb)

| ADAPTERS | CS100 KG 45 (LB 99) | CS100 JANUS PRO KG 93 (LB 205) | CM180 KG 66 (LB 145) | S60 KG 57 (LB 125) | CW20 KG 57 (LB 126) |
|----------|------------------------|-----------------------------------|-------------------------|-----------------------|------------------------|
|----------|------------------------|-----------------------------------|-------------------------|-----------------------|------------------------|



| L MM (IN) | WEIGHT KG* (LB*) | CAP. SAE L (GAL) | TEETH N. | ADAPTERS |
|-----------------|------------------------|------------------------|-------------|--------------|
| 600 (24) | 261 (575) | 380 (100,4) | 4 | AF - S - CM |
| | | | | CS - CW |
| | | | | CS JANUS PRO |
| 700 (28) | 287 (633) | 450 (118,9) | 4 | AF - S - CM |
| | | | | CS - CW |
| | | | | CS JANUS PRO |
| 800 (31) | 320 (705) | 560 (147,9) | 5 | AF - S - CM |
| | | | | CS - CW |
| | | | | CS JANUS PRO |
| 900 (35) | 352 (776) | 620 (163,8) | 5 | AF - S - CM |
| | | | | CS - CW |
| | | | | CS JANUS PRO |
| 1000 (39) | 395 (871) | 700 (184,9) | 5 | AF - S - CM |
| | | | | CS - CW |
| | | | | CS JANUS PRO |
| 1200 (47) | 454 (1001) | 900 (237,7) | 6 | AF - S - CM |
| | | | | CS - CW |
| | | | | CS JANUS PRO |

* weight of the tank excluding attachment

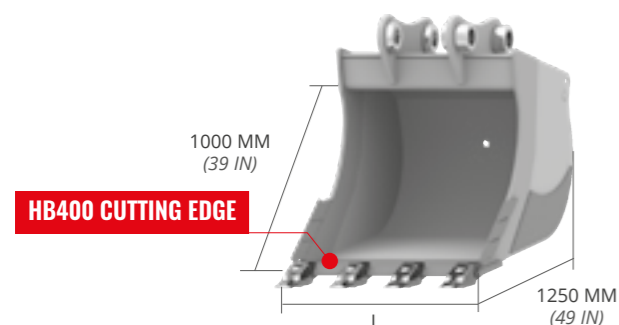
OPTIONAL

| 5 SUPPLEMENTARY BLADE |
|-----------------------------|
|-----------------------------|

OPTIONAL

| 5 SUPPLEMENTARY BLADE |
|-----------------------------|
|-----------------------------|

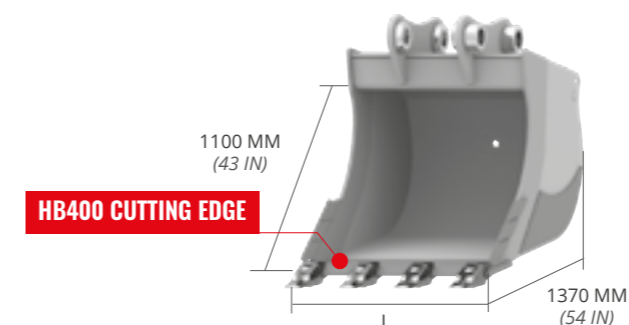
SCR100 HD MACHINE WEIGHT 14,0 - 16,0 t (30865 - 35274 lb)



| L MM (IN) | WEIGHT KG* (LB*) | CAP. SAE L (GAL) | TEETH N. | ADAPTERS |
|-----------------|------------------------|------------------------|-------------|--------------|
| 600 (24) | 353 (778) | 450 (118,9) | 3 | AF - S - CM |
| | | | | CS - CW |
| | | | | CS JANUS PRO |
| 700 (28) | 397 (875) | 535 (141,3) | 4 | AF - S - CM |
| | | | | CS - CW |
| | | | | CS JANUS PRO |
| 800 (31) | 441 (972) | 620 (163,7) | 4 | AF - S - CM |
| | | | | CS - CW |
| | | | | CS JANUS PRO |
| 900 (35) | 485 (1069) | 710 (187,5) | 4 | AF - S - CM |
| | | | | CS - CW |
| | | | | CS JANUS PRO |
| 1000 (39) | 529 (1166) | 800 (211,3) | 5 | AF - S - CM |
| | | | | CS - CW |
| | | | | CS JANUS PRO |
| 1200 (47) | 617 (1360) | 980 (258,8) | 5 | AF - S - CM |
| | | | | CS - CW |
| | | | | CS JANUS PRO |

* weight of the tank excluding attachment

SCR110 HD MACHINE WEIGHT 16,0 - 19,0 t (35274 - 41887 lb)



| L MM (IN) | WEIGHT KG* (LB*) | CAP. SAE L (GAL) | TEETH N. | ADAPTERS |
|-----------------|------------------------|------------------------|-------------|--------------|
| 600 (24) | 457 (1008) | 480 (126,8) | 3 | AF - S - CM |
| | | | | CS - CW |
| | | | | CS JANUS PRO |
| 800 (31) | 559 (1232) | 690 (182,3) | 4 | AF - S - CM |
| | | | | CS - CW |
| | | | | CS JANUS PRO |
| 1000 (39) | 671 (1479) | 900 (237,7) | 5 | AF - S - CM |
| | | | | CS - CW |
| | | | | CS JANUS PRO |
| 1200 (47) | 773 (1704) | 1110 (293,2) | 5 | AF - S - CM |
| | | | | CS - CW |
| | | | | CS JANUS PRO |
| 1300 (52) | 824 (1817) | 1220 (322,2) | 6 | AF - S - CM |
| | | | | CS - CW |
| | | | | CS JANUS PRO |
| 1400 (55) | 875 (1929) | 1330 (351,3) | 6 | AF - S - CM |
| | | | | CS - CW |
| | | | | CS JANUS PRO |

* weight of the tank excluding attachment

OPTIONAL

| 5 SUPPLEMENTARY BLADE |
|-----------------------------|
|-----------------------------|

OPTIONAL

| 5 SUPPLEMENTARY BLADE |
|-----------------------------|
|-----------------------------|

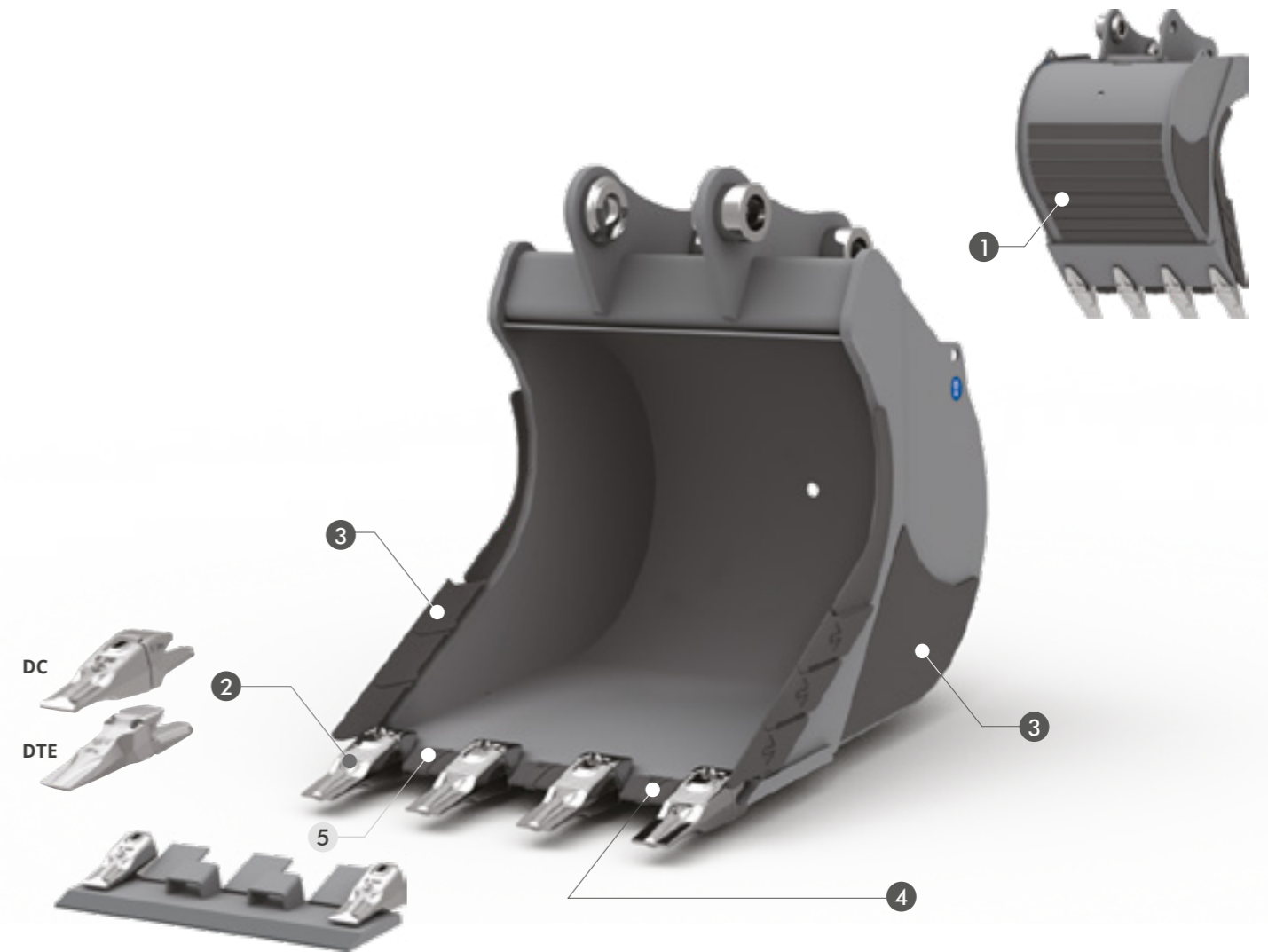


ADAPTERS

HB400



ITS PARTICULAR GEOMETRY ENABLES TO HANDLE STONE BLOCKS OR HEAVY MATERIALS EASILY. SPECIAL HB400 MATERIALS ARE USED TO STRENGTHEN PARTS SUBJECT TO WEAR AND ENSURE THEIR HIGH RESISTANCE.



STANDARD TECHNICAL FEATURES

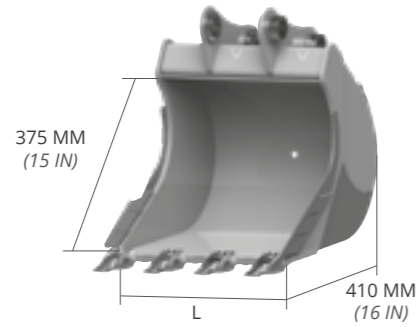
- 1 REINFORCING STRIPS HB400**
THE HORIZONTAL REINFORCING STRIPS ON THE BUCKET'S REAR AND BOTTOM PROTECT THE BUCKET FROM WEAR AND INCREASE ITS RESISTANCE.
- 2 DC TEETH DTE TEETH**
- 3 HB400 SIDE CAST CUTTERS AND REINFORCEMENTS**
THESE HB400 CAST CUTTERS ARE POSITIONED ON THE SURFACES MOSTLY SUBJECT TO WEAR GRANTING A HIGHER RESISTANCE.
- 4 REINFORCED CUTTING EDGE**
UP TO 10 TONS: HB400 CAST SHROUDS MOUNTED ON PARTS SUBJECT TO WEAR.
BEYOND 10 TONS: HB400 CUTTING EDGE.

OPTIONAL

- 5 GRADING EDGE**
INSTALLED DIRECTLY ON THE ADAPTERS OF THE WELDED TEETH. THIS PATTERN MAKES THE INSTALLING/UNINSTALLING OPERATIONS EASIER AND GRANTS A HIGH RESISTANCE TO THE BUCKET.

| MOD. | MIDI EXCAVATOR | | | | | | | EXCAVATOR | | | |
|-----------|----------------------------|----------------------------|----------------------------|-----------------------------|------------------------------|-------------------------------|--------------------------------|--------------------------------|--------------------------------|--------------------------------|--------------------------------|
| | SB38 | SB45 | SB53 | SB62 | SB67 | SB73 | SB80 | SB85 | SB92 HD | SB100 HD | SB110 HD |
| TONS (LB) | 1,2 - 1,8 (2646 - 3968) | 1,8 - 2,5 (3968 - 5512) | 2,5 - 4,0 (5512 - 8818) | 4,0 - 5,0 (8818 - 11023) | 5,0 - 7,5 (11023 - 16535) | 7,5 - 10,0 (16535 - 22046) | 10,0 - 12,0 (22046 - 26455) | 12,0 - 14,0 (26455 - 30865) | 12,0 - 14,0 (26455 - 30865) | 14,0 - 16,0 (30865 - 35274) | 16,0 - 19,0 (35274 - 41887) |

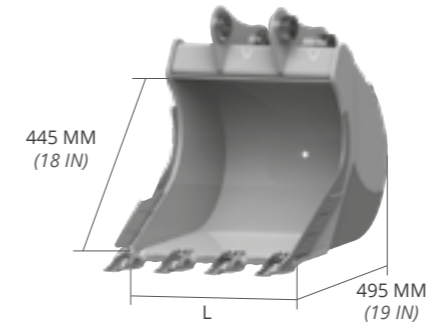
SB38 MACHINE WEIGHT 1,2 - 1,8 t (2646 - 3968 lb)



| L MM (IN) | WEIGHT KG* (LB*) | CAP. SAE L (GAL) | TEETH N. | ADAPTERS |
|-----------------|------------------------|------------------------|-------------|-------------------|
| 200 (8) | 17 (38) | 15 (4,0) | 2 | AF - AR - CS |
| | | | | CR - S - CM |
| | | | | CW - CS JANUS PRO |
| 250 (10) | 19 (43) | 20 (5,3) | DF2 DC3 DE3 | AF - AR - CS |
| | | | | CR - S - CM |
| | | | | CW - CS JANUS PRO |
| 300 (12) | 22 (48) | 25 (6,6) | 3 | AF - AR - CS |
| | | | | CR - S - CM |
| | | | | CW - CS JANUS PRO |
| 350 (14) | 24 (52) | 31 (8,2) | 3 | AF - AR - CS |
| | | | | CR - S - CM |
| | | | | CW - CS JANUS PRO |
| 400 (16) | 28 (61) | 37 (9,8) | 3 | AF - AR - CS |
| | | | | CR - S - CM |
| | | | | CW - CS JANUS PRO |
| 450 (18) | 31 (68) | 43 (11,4) | 3 | AF - AR - CS |
| | | | | CR - S - CM |
| | | | | CW - CS JANUS PRO |
| 500 (20) | 35 (76) | 49 (12,4) | 4 | AF - AR - CS |
| | | | | CR - S - CM |
| | | | | CW - CS JANUS PRO |
| 600 (24) | 39 (86) | 61 (16,1) | 4 | AF - AR - CS |
| | | | | CR - S - CM |
| | | | | CW - CS JANUS PRO |
| 700 (28) | 44 (98) | 74 (19,5) | 5 | AF - AR - CS |
| | | | | CR - S - CM |
| | | | | CW - CS JANUS PRO |

* weight of the tank excluding attachment

SB45 MACHINE WEIGHT 1,8 - 2,5 t (3968 - 5512 lb)



| L MM (IN) | WEIGHT KG* (LB*) | CAP. SAE L (GAL) | TEETH N. | ADAPTERS |
|-----------------|------------------------|------------------------|-------------|-------------------|
| 250 (10) | 26 (57) | 25 (6,6) | DF2 DC3 DE3 | AF - AR - CS |
| | | | | CR - S - CM |
| | | | | CW - CS JANUS PRO |
| 300 (12) | 29 (64) | 33 (8,7) | 3 | AF - AR - CS |
| | | | | CR - S - CM |
| | | | | CW - CS JANUS PRO |
| 350 (14) | 32 (71) | 40 (10,6) | 3 | AF - AR - CS |
| | | | | CR - S - CM |
| | | | | CW - CS JANUS PRO |
| 400 (16) | 36 (80) | 48 (12,7) | 3 | AF - AR - CS |
| | | | | CR - S - CM |
| | | | | CW - CS JANUS PRO |
| 450 (18) | 39 (87) | 56 (14,8) | 3 | AF - AR - CS |
| | | | | CR - S - CM |
| | | | | CW - CS JANUS PRO |
| 500 (20) | 43 (95) | 65 (17,2) | 4 | AF - AR - CS |
| | | | | CR - S - CM |
| | | | | CW - CS JANUS PRO |
| 600 (24) | 50 (109) | 82 (21,7) | 4 | AF - AR - CS |
| | | | | CR - S - CM |
| | | | | CW - CS JANUS PRO |
| 700 (28) | 56 (123) | 100 (26,4) | 5 | AF - AR - CS |
| | | | | CR - S - CM |
| | | | | CW - CS JANUS PRO |
| 800 (31) | 65 (142) | 117 (30,9) | 5 | AF - AR - CS |
| | | | | CR - S - CM |
| | | | | CW - CS JANUS PRO |

* weight of the tank excluding attachment

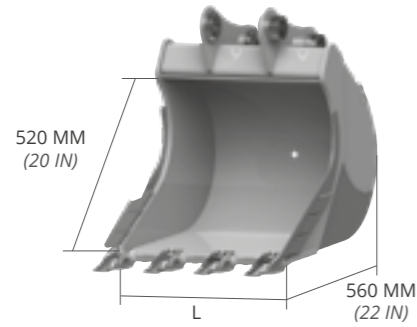
OPTIONAL

5
SUPPLEMENTARY
BLADE

OPTIONAL

5
SUPPLEMENTARY
BLADE

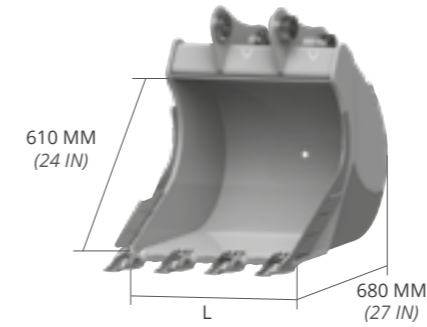
SB53 MACHINE WEIGHT 2,5 - 4,0 t (5512 - 8818 lb)



| L MM (IN) | WEIGHT KG* (LB*) | CAP. SAE L (GAL) | TEETH N. | ADAPTERS |
|-----------------|------------------------|------------------------|-------------|-------------------|
| 250 (10) | 37 (82) | 32 (8,5) | 2 | AF - AR - CS |
| | | | | CR - S - CM |
| | | | | CW - CS JANUS PRO |
| 300 (12) | 40 (89) | 41 (10,8) | 3 | AF - AR - CS |
| | | | | CR - S - CM |
| | | | | CW - CS JANUS PRO |
| 350 (14) | 46 (101) | 51 (13,5) | 3 | AF - AR - CS |
| | | | | CR - S - CM |
| | | | | CW - CS JANUS PRO |
| 400 (16) | 51 (111) | 61 (16,1) | 3 | AF - AR - CS |
| | | | | CR - S - CM |
| | | | | CW - CS JANUS PRO |
| 450 (18) | 55 (121) | 72 (19,0) | 3 | AF - AR - CS |
| | | | | CR - S - CM |
| | | | | CW - CS JANUS PRO |
| 500 (20) | 59 (129) | 82 (21,7) | 4 | AF - AR - CS |
| | | | | CR - S - CM |
| | | | | CW - CS JANUS PRO |
| 600 (24) | 67 (148) | 105 (27,7) | 4 | AF - AR - CS |
| | | | | CR - S - CM |
| | | | | CW - CS JANUS PRO |
| 700 (28) | 76 (167) | 127 (33,5) | 5 | AF - AR - CS |
| | | | | CR - S - CM |
| | | | | CW - CS JANUS PRO |
| 800 (31) | 85 (187) | 152 (40,2) | 5 | AF - AR - CS |
| | | | | CR - S - CM |
| | | | | CW - CS JANUS PRO |
| 900 (35) | 93 (206) | 175 (46,2) | 5 | AF - AR - CS |
| | | | | CR - S - CM |
| | | | | CW - CS JANUS PRO |

* weight of the tank excluding attachment

SB62 MACHINE WEIGHT 4,0 - 5,0 t (8818 - 11023 lb)



| L MM (IN) | WEIGHT KG* (LB*) | CAP. SAE L (GAL) | TEETH N. | ADAPTERS |
|-----------------|------------------------|------------------------|-------------|-------------------|
| 250 (10) | 57 (126) | 45 (11,9) | 2 | AF - AR - CS |
| | | | | CR - S - CM |
| | | | | CW - CS JANUS PRO |
| 300 (12) | 63 (138) | 58 (15,3) | 3 | AF - AR - CS |
| | | | | CR - S - CM |
| | | | | CW - CS JANUS PRO |
| 350 (14) | 68 (150) | 71 (18,8) | 3 | AF - AR - CS |
| | | | | CR - S - CM |
| | | | | CW - CS JANUS PRO |
| 400 (16) | 74 (163) | 85 (22,5) | 3 | AF - AR - CS |
| | | | | CR - S - CM |
| | | | | CW - CS JANUS PRO |
| 450 (18) | 79 (175) | 100 (26,4) | 3 | AF - AR - CS |
| | | | | CR - S - CM |
| | | | | CW - CS JANUS PRO |
| 500 (20) | 86 (188) | 115 (30,4) | 4 | AF - AR - CS |
| | | | | CR - S - CM |
| | | | | CW - CS JANUS PRO |
| 600 (24) | 97 (215) | 147 (38,8) | 4 | AF - AR - CS |
| | | | | CR - S - CM |
| | | | | CW - CS JANUS PRO |
| 700 (28) | 109 (241) | 180 (47,6) | 5 | AF - AR - CS |
| | | | | CR - S - CM |
| | | | | CW - CS JANUS PRO |
| 800 (31) | 121 (267) | 213 (56,3) | 5 | AF - AR - CS |
| | | | | CR - S - CM |
| | | | | CW - CS JANUS PRO |
| 900 (35) | 133 (293) | 248 (65,5) | 6 | AF - AR - CS |
| | | | | CR - S - CM |
| | | | | CW - CS JANUS PRO |
| 1000 (39) | 145 (319) | 282 (74,5) | 6 | AF - AR - CS |
| | | | | CR - S - CM |
| | | | | CW - CS JANUS PRO |

* weight of the tank excluding attachment

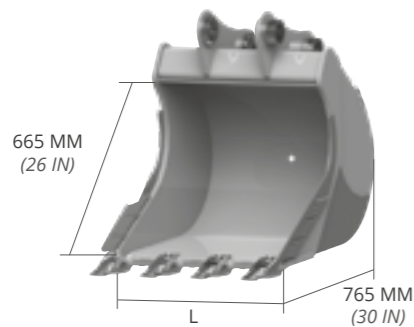
OPTIONAL

5
SUPPLEMENTARY
BLADE

OPTIONAL

5
SUPPLEMENTARY
BLADE

SB67 MACHINE WEIGHT 5,0 - 7,5 t (11023 - 16535 lb)



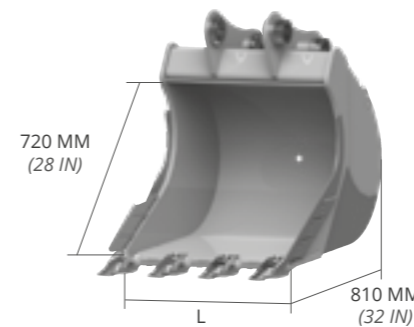
OPTIONAL

5
SUPPLEMENTARY
BLADE

| L MM (IN) | WEIGHT KG* (LB*) | CAP. SAE L (GAL) | TEETH N. | ADAPTERS |
|-----------------|------------------------|------------------------|-------------|--|
| 300 (12) | 83 (182) | 68 (18,0) | 3 | AF - AR - CS CR - S - CM CW - CS JANUS PRO |
| 350 (14) | 92 (202) | 84 (22,2) | 3 | AF - AR - CS CR - S - CM CW - CS JANUS PRO |
| 400 (16) | 101 (222) | 101 (26,7) | 3 | AF - AR - CS CR - S - CM CW - CS JANUS PRO |
| 450 (18) | 109 (240) | 118 (31,2) | 3 | AF - AR - CS CR - S - CM CW - CS JANUS PRO |
| 500 (20) | 117 (258) | 137 (36,2) | 4 | AF - AR - CS CR - S - CM CW - CS JANUS PRO |
| 600 (24) | 134 (296) | 174 (46,0) | 4 | AF - AR - CS CR - S - CM CW - CS JANUS PRO |
| 700 (28) | 150 (331) | 214 (56,5) | 5 | AF - AR - CS CR - S - CM CW - CS JANUS PRO |
| 800 (31) | 167 (368) | 254 (67,1) | 5 | AF - AR - CS CR - S - CM CW - CS JANUS PRO |
| 900 (35) | 183 (403) | 295 (77,9) | 6 | AF - AR - CS CR - S - CM CW - CS JANUS PRO |
| 1000 (39) | 199 (438) | 338 (89,3) | 6 | AF - AR - CS CR - S - CM CW - CS JANUS PRO |

* weight of the tank excluding attachment

SB73 MACHINE WEIGHT 7,5 - 10,0 t (116535 - 22046 lb)



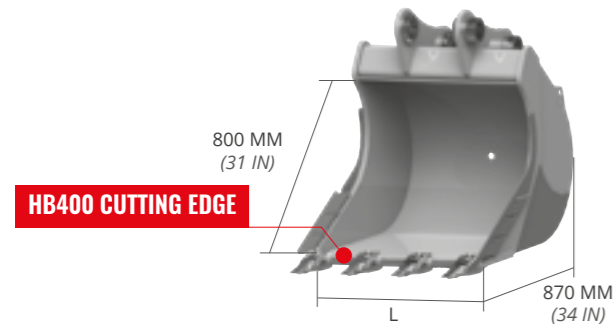
OPTIONAL

5
SUPPLEMENTARY
BLADE

| L MM (IN) | WEIGHT KG* (LB*) | CAP. SAE L (GAL) | TEETH N. | ADAPTERS |
|-----------------|------------------------|------------------------|-------------|---|
| 300 (12) | 95 (210) | 76 (20,1) | 2 | AF - CS CR - S - CM CW - CS JANUS PRO |
| 350 (14) | 103 (228) | 94 (24,8) | 3 | AF - CS CR - S - CM CW - CS JANUS PRO |
| 400 (16) | 110 (243) | 113 (29,9) | 3 | AF - CS CR - S - CM CW - CS JANUS PRO |
| 450 (18) | 120 (265) | 133 (35,1) | 3 | AF - CS CR - S - CM CW - CS JANUS PRO |
| 500 (20) | 130 (286) | 153 (40,4) | 3 | AF - CS CR - S - CM CW - CS JANUS PRO |
| 600 (24) | 148 (326) | 196 (51,8) | 4 | AF - CS CR - S - CM CW - CS JANUS PRO |
| 700 (28) | 166 (366) | 240 (63,4) | 4 | AF - CS CR - S - CM CW - CS JANUS PRO |
| 800 (31) | 184 (406) | 286 (75,6) | 5 | AF - CS CR - S - CM CW - CS JANUS PRO |
| 900 (35) | 202 (446) | 333 (88,0) | 5 | AF - CS CR - S - CM CW - CS JANUS PRO |
| 1000 (39) | 220 (486) | 379 (100,1) | 5 | AF - CS CR - S - CM CW - CS JANUS PRO |
| 1100 (43) | 238 (525) | 430 (113,6) | 5 | AF - CS CR - S - CM CW - CS JANUS PRO |

* weight of the tank excluding attachment

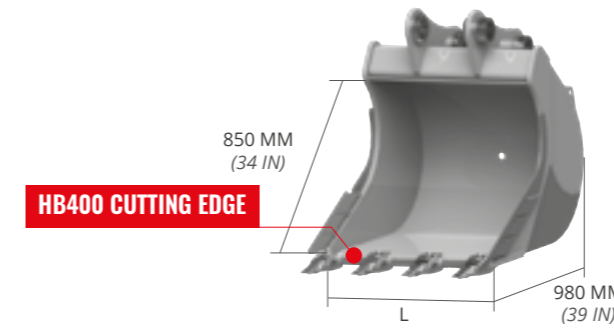
SB80 SC80 MACHINE WEIGHT 10,0 - 12,0 t (22046 - 26455 lb)



| L MM (IN) | WEIGHT KG* (LB*) | CAP. SAE L (GAL) | TEETH N. | ADAPTERS |
|-----------------|------------------------|------------------------|-------------|----------------------------------|
| 300 (12) | 119 (261) | 86 (22,7) | 2 | AF - CS |
| | | | | CR - S - CM - CS JANUS PRO CW |
| 350 (14) | 128 (282) | 107 (28,3) | 3 | AF - CS |
| | | | | CR - S - CM - CS JANUS PRO CW |
| 400 (16) | 141 (311) | 129 (34,1) | 3 | AF - CS |
| | | | | CR - S - CM - CS JANUS PRO CW |
| 450 (18) | 151 (333) | 151 (39,9) | 3 | AF - CS |
| | | | | CR - S - CM - CS JANUS PRO CW |
| 500 (20) | 162 (357) | 174 (46,0) | 3 | AF - CS |
| | | | | CR - S - CM - CS JANUS PRO CW |
| 600 (24) | 182 (402) | 222 (58,6) | 4 | AF - CS |
| | | | | CR - S - CM - CS JANUS PRO CW |
| 700 (28) | 203 (447) | 273 (72,1) | 4 | AF - CS |
| | | | | CR - S - CM - CS JANUS PRO CW |
| 800 (31) | 222 (489) | 325 (85,9) | 5 | AF - CS |
| | | | | CR - S - CM - CS JANUS PRO CW |
| 900 (35) | 242 (534) | 379 (100,1) | 5 | AF - CS |
| | | | | CR - S - CM - CS JANUS PRO CW |
| 1000 (39) | 261 (576) | 433 (114,4) | 5 | AF - CS |
| | | | | CR - S - CM - CS JANUS PRO CW |
| 1100 (43) | 282 (621) | 486 (128,4) | 5 | AF - CS |
| | | | | CR - S - CM - CS JANUS PRO CW |
| 1200 (47) | 303 (667) | 546 (144,2) | 6 | AF - CS |
| | | | | CR - S - CM - CS JANUS PRO CW |
| 1300 (51) | 323 (712) | 602 (159,0) | 6 | AF - CS |
| | | | | CR - S - CM - CS JANUS PRO CW |

* weight of the tank excluding attachment

SB85 MIDI MACHINE WEIGHT 12,0 - 14,0 t (26455 - 30865 lb)



| L MM (IN) | VWEIGHT KG* (LB*) | CAP. SAE L (GAL) | TEETH N. | ADAPTERS |
|-----------------|-------------------------|------------------------|-------------|-------------------------|
| 400 (16) | 197 (435) | 171 (45,2) | 3 | AF - S - CM |
| | | | | CS - CW CS JANUS PRO |
| 500 (20) | 220 (486) | 235 (62,1) | 3 | AF - S - CM |
| | | | | CS - CW CS JANUS PRO |
| 600 (24) | 243 (536) | 300 (79,3) | 4 | AF - S - CM |
| | | | | CS - CW CS JANUS PRO |
| 700 (28) | 266 (586) | 368 (97,2) | 4 | AF - S - CM |
| | | | | CS - CW CS JANUS PRO |
| 800 (31) | 289 (638) | 438 (115,7) | 5 | AF - S - CM |
| | | | | CS - CW CS JANUS PRO |
| 900 (35) | 312 (688) | 510 (134,7) | 5 | AF - S - CM |
| | | | | CS - CW CS JANUS PRO |
| 1000 (39) | 336 (741) | 584 (154,3) | 5 | AF - S - CM |
| | | | | CS - CW CS JANUS PRO |
| 1100 (43) | 360 (793) | 657 (173,6) | 5 | AF - S - CM |
| | | | | CS - CW CS JANUS PRO |
| 1200 (47) | 384 (847) | 730 (192,8) | 6 | AF - S - CM |
| | | | | CS - CW CS JANUS PRO |
| 1300 (51) | 408 (899) | 810 (214,0) | 6 | AF - S - CM |
| | | | | CS - CW CS JANUS PRO |

* weight of the tank excluding attachment

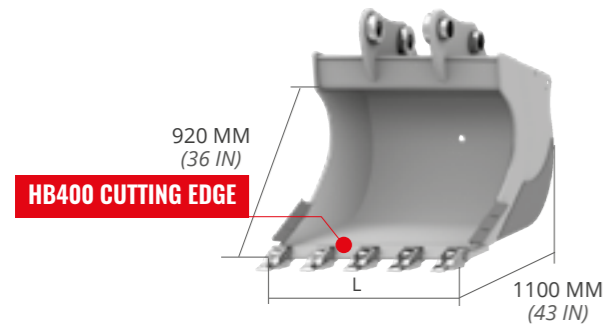
OPTIONAL

| 5 SUPPLEMENTARY BLADE |
|-----------------------------|
|-----------------------------|

OPTIONAL

| 5 SUPPLEMENTARY BLADE |
|-----------------------------|
|-----------------------------|

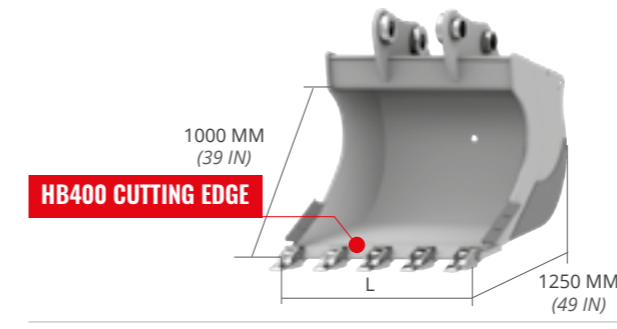
SB92 HD EXCAVATOR MACHINE WEIGHT 12,0 - 14,0 t (26455 - 30865 lb)



| L MM (IN) | WEIGHT KG* (LB*) | CAP. SAE L (GAL) | TEETH N. | ADAPTERS |
|-----------------|------------------------|------------------------|-------------|--------------|
| 600 (24) | 259 (571) | 337 (89,0) | 4 | AF - S - CM |
| | | | | CS - CW |
| | | | | CS JANUS PRO |
| 700 (28) | 280 (617) | 405 (107,0) | 4 | AF - S - CM |
| | | | | CS - CW |
| | | | | CS JANUS PRO |
| 800 (31) | 315 (694) | 475 (125,5) | 5 | AF - S - CM |
| | | | | CS - CW |
| | | | | CS JANUS PRO |
| 900 (35) | 350 (772) | 547 (144,5) | 5 | AF - S - CM |
| | | | | CS - CW |
| | | | | CS JANUS PRO |
| 1000 (39) | 385 (849) | 622 (164,3) | 5 | AF - S - CM |
| | | | | CS - CW |
| | | | | CS JANUS PRO |
| 1200 (47) | 421 (928) | 783 (206,8) | 6 | AF - S - CM |
| | | | | CS - CW |
| | | | | CS JANUS PRO |

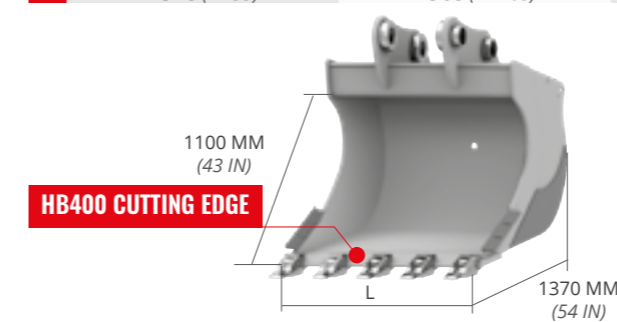
* weight of the tank excluding attachment

SB100 HD MACHINE WEIGHT 14,0 - 16,0 t (30865 - 35274 lb)



| L MM (IN) | WEIGHT KG* (LB*) | CAP. SAE L (GAL) | TEETH N. | ADAPTERS |
|-----------------|------------------------|------------------------|-------------|--------------|
| 600 (24) | 346 (763) | 398 (105,1) | 3 | AF - S - CM |
| | | | | CS - CW |
| | | | | CS JANUS PRO |
| 700 (28) | 386 (851) | 478 (126,3) | 4 | AF - S - CM |
| | | | | CS - CW |
| | | | | CS JANUS PRO |
| 800 (31) | 426 (939) | 560 (147,9) | 4 | AF - S - CM |
| | | | | CS - CW |
| | | | | CS JANUS PRO |
| 900 (35) | 466 (1027) | 644 (170,1) | 4 | AF - S - CM |
| | | | | CS - CW |
| | | | | CS JANUS PRO |
| 1000 (39) | 506 (1116) | 730 (192,8) | 5 | AF - S - CM |
| | | | | CS - CW |
| | | | | CS JANUS PRO |
| 1200 (47) | 586 (1292) | 909 (240,1) | 5 | AF - S - CM |
| | | | | CS - CW |
| | | | | CS JANUS PRO |

SB110 HD MACHINE WEIGHT 16,0 - 19,0 t (35274 - 41887 lb)



| L MM (IN) | WEIGHT KG* (LB*) | CAP. SAE L (GAL) | TEETH N. | ADAPTERS |
|-----------------|------------------------|------------------------|-------------|--------------|
| 600 (24) | 437 (963) | 464 (122,6) | 3 | AF - S - CM |
| | | | | CS - CW |
| | | | | CS JANUS PRO |
| 800 (31) | 539 (1188) | 654 (172,8) | 4 | AF - S - CM |
| | | | | CS - CW |
| | | | | CS JANUS PRO |
| 1000 (39) | 641 (1413) | 854 (225,6) | 5 | AF - S - CM |
| | | | | CS - CW |
| | | | | CS JANUS PRO |
| 1200 (47) | 743 (1638) | 1064 (281,1) | 5 | AF - S - CM |
| | | | | CS - CW |
| | | | | CS JANUS PRO |
| 1300 (52) | 794 (1750) | 1173 (309,9) | 6 | AF - S - CM |
| | | | | CS - CW |
| | | | | CS JANUS PRO |
| 1400 (55) | 845 (1863) | 1288 (340,3) | 6 | AF - S - CM |
| | | | | CS - CW |
| | | | | CS JANUS PRO |

* weight of the tank excluding attachment

OPTIONAL

| | |
|---|---------------------|
| 5 | SUPPLEMENTARY BLADE |
|---|---------------------|

OPTIONAL

| | |
|---|---------------------|
| 5 | SUPPLEMENTARY BLADE |
|---|---------------------|

OPTIONAL

| | |
|---|---------------------|
| 5 | SUPPLEMENTARY BLADE |
|---|---------------------|



HB400 REINFORCEMENTS ON THE AREAS OF MAJOR WEAR, CAST SIDE CUTTERS AND A BOLTED-IN REVERSIBLE UNDERBLADE MAKE THIS BUCKET SUITABLE FOR WORKS ON ABRASIVE SOILS.

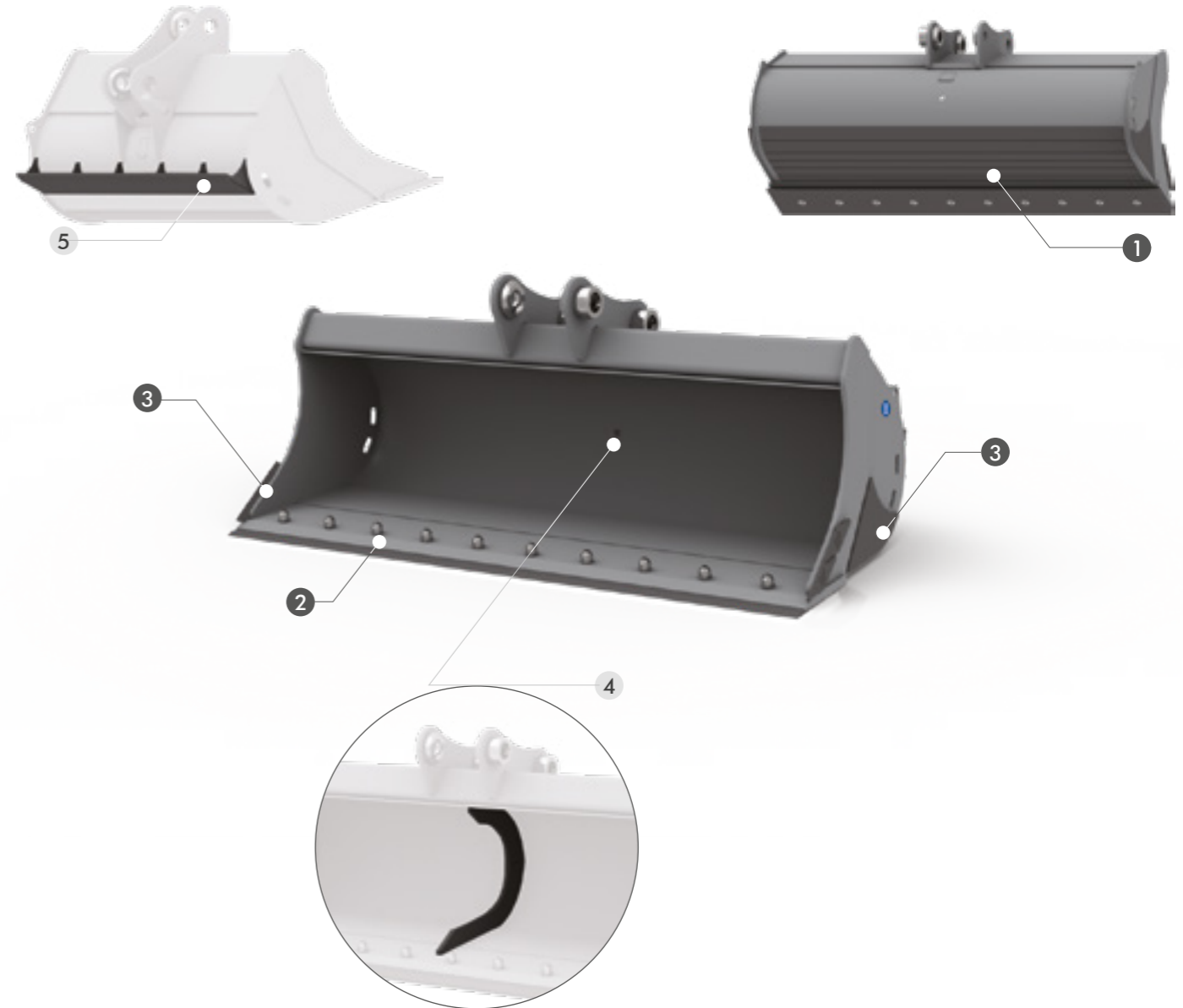
THE INSTALLATION OF BEZELS IS HIGHLY RECOMMENDED FOR BUCKETS WIDER THAN 1400 MM, IN ORDER TO AVOID DAMAGES TO THE BUCKET IN CASE OF HEAVY DUTY JOBS OR WITH PARTICULARLY HARD TERRAINS:

- WIDTH FROM 1400 TO 1500 MM: NR. 1 BEZEL
- WIDTH FROM 1600 TO 1800 MM: NR. 2 BEZELS
- WIDTH FROM 2000 TO 2200 MM: NR. 3 BEZELS

| MOD. | SPR35 | SPR40 | SPR40 | SPR45 | SPR50 | SPR55 | SPR60 | SPR65 HD | SPR70 HD |
|-----------|----------------------------|----------------------------|----------------------------|-----------------------------|------------------------------|-------------------------------|--------------------------------|--------------------------------|--------------------------------|
| TONS (LB) | 1,8 - 2,5 (3968 - 5512) | 2,0 - 2,5 (4409 - 5512) | 2,5 - 4,0 (5512 - 8818) | 4,0 - 5,0 (8818 - 11023) | 5,0 - 7,5 (11023 - 16535) | 7,5 - 10,0 (16535 - 22046) | 10,0 - 12,0 (22046 - 26455) | 12,0 - 16,0 (26455 - 35274) | 15,0 - 19,0 (33069 - 41887) |



ADAPTERS



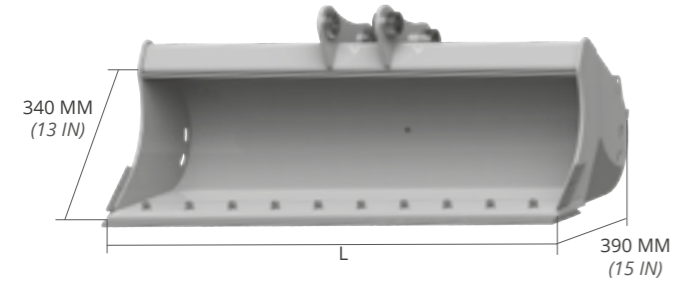
SPECIFICHE TECNICHE STANDARD

- 1 HB400 REINFORCING STRIPS**
THE HORIZONTAL REINFORCING STRIPS ON THE BUCKET'S REAR AND BOTTOM PROTECT THE BUCKET FROM WEAR AND INCREASE ITS RESISTANCE.
- 2 HB400 ADDITIONAL BOLT-ON REVERSIBLE CUTTING EDGE**
HB400 BOLTED-IN REVERSIBLE UNDERBLADE INDICATED TO WORK ON PARTICULARLY ABRASIVE SOILS.
- 3 HB400 SIDE CAST CUTTERS AND REINFORCEMENTS**
THESE HB400 CAST CUTTERS ARE POSITIONED ON THE SURFACES MOSTLY SUBJECT TO WEAR GRANTING A HIGHER RESISTANCE.

OPTIONAL

- 4 BEZEL**
IT ENSURES A HIGHER STRUCTURAL RESISTANCE. **HIGHLY RECOMMENDED WITH BUCKETS 1400MM WIDE OR MORE.**
- 5 REAR RAZOR**
WHEN THE MACHINE'S ARM IS KEPT CLOSED, IT ALLOWS TO FINISH SURFACES EVENLY.

SPR35 MACHINE WEIGHT - 1,2 - 1,8 t (2646 - 3968 lb)

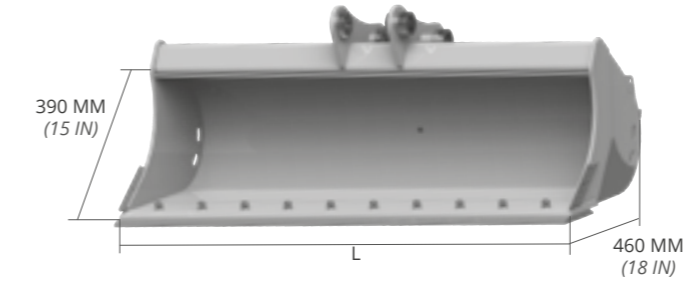


| L MM (IN) | WEIGHT KG* (LB*) | CAP. SAE L (GAL) | ADAPTERS |
|-----------------|------------------------|------------------------|-------------------|
| 800 (31) | 63 (138) | 75 (19,8) | AF - AR - CS |
| | | | CR - S - CM |
| | | | CW - CS JANUS PRO |
| 1000 (39) | 76 (168) | 96 (25,4) | AF - AR - CS |
| | | | CR - S - CM |
| | | | CW - CS JANUS PRO |
| 1200 (47) | 90 (198) | 117 (30,9) | AF - AR - CS |
| | | | CR - S - CM |
| | | | CW - CS JANUS PRO |

OPTIONAL

5
REAR RAZOR

SPR40 MACHINE WEIGHT 2,0 - 2,5 t (4409 - 5511 lb)



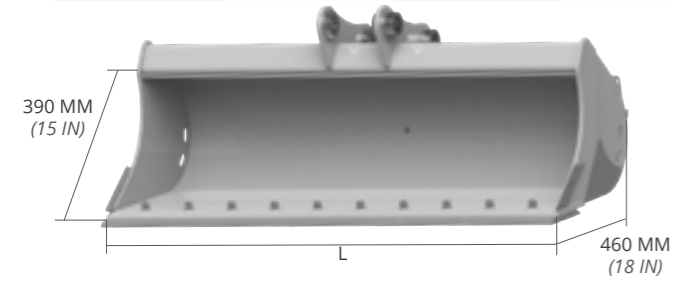
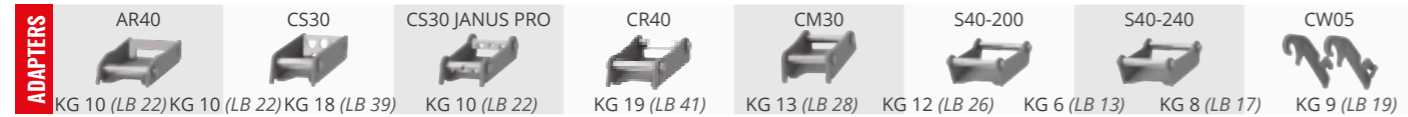
| L MM (IN) | WEIGHT KG* (LB*) | CAP. SAE L (GAL) | ADAPTERS |
|-----------------|------------------------|------------------------|-------------------|
| 1000 (39) | 108 (238) | 125 (33,0) | AF - AR - CS |
| | | | CR - S - CM |
| | | | CW - CS JANUS PRO |
| 1200 (47) | 128 (282) | 154 (40,7) | AF - AR - CS |
| | | | CR - S - CM |
| | | | CW - CS JANUS PRO |
| 1400 (55) | 148 (326) | 182 (48,1) | AF - AR - CS |
| | | | CR - S - CM |
| | | | CW - CS JANUS PRO |

OPTIONAL

4
BEZEL

5
REAR RAZOR

SPR40 MACHINE WEIGHT 2,5 - 4,0 t (5511 - 8818 lb)



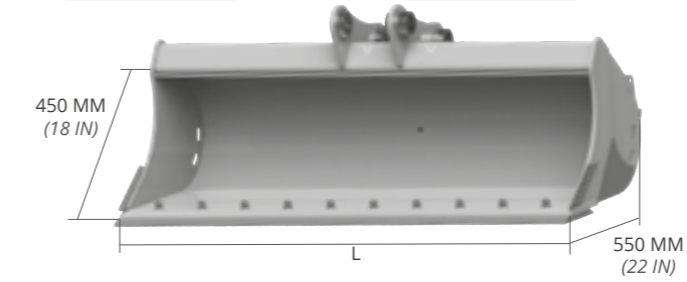
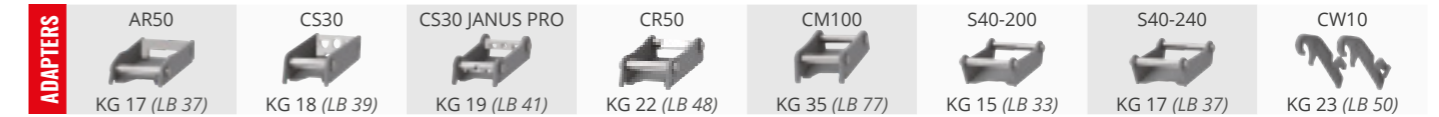
| L MM (IN) | WEIGHT KG* (LB*) | CAP. SAE L (GAL) | ADAPTERS |
|-----------------|------------------------|------------------------|-------------------|
| 1000 (39) | 108 (238) | 125 (33,0) | AF - AR - CS |
| | | | CR - S - CM |
| | | | CW - CS JANUS PRO |
| 1200 (47) | 128 (282) | 154 (40,7) | AF - AR - CS |
| | | | CR - S - CM |
| | | | CW - CS JANUS PRO |
| | | | AF - AR - CS |
| | | | CR - S - CM |
| | | | CW - CS JANUS PRO |

OPTIONAL

4
BEZEL

5
REAR RAZOR

SPR45 MACHINE WEIGHT 4,0 - 5,0 t (8818 - 11023 lb)



| L MM (IN) | WEIGHT KG* (LB*) | CAP. SAE L (GAL) | ADAPTERS |
|-----------------|------------------------|------------------------|-------------------|
| 1200 (47) | 160 (353) | 213 (56,3) | AF - AR - CS |
| | | | CR - S - CM |
| | | | CW - CS JANUS PRO |
| 1400 (55) | 185 (407) | 254 (67,1) | AF - AR - CS |
| | | | CR - S - CM |
| | | | CW - CS JANUS PRO |
| 1500 (59) | 197 (433) | 274 (72,4) | AF - AR - CS |
| | | | CR - S - CM |
| | | | CW - CS JANUS PRO |

OPTIONAL

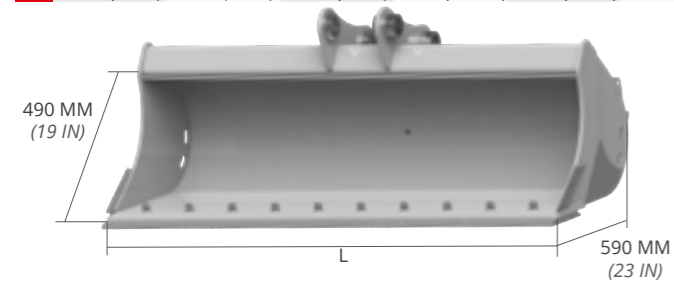
4
BEZEL

5
REAR RAZOR

* weight of the tank excluding attachment

* weight of the tank excluding attachment

SPR50 SP50 MACHINE WEIGHT 5,0 - 7,5 t (11012 - 16535 lb)

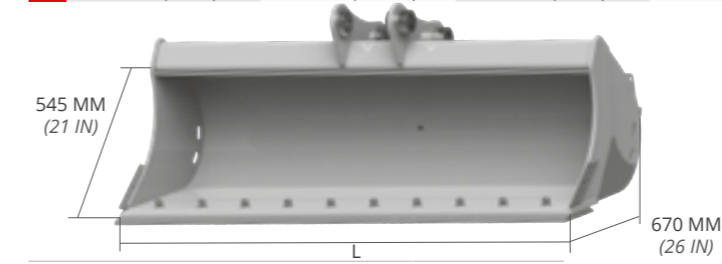


| L MM (IN) | WEIGHT KG* (LB*) | CAP. SAE L (GAL) | ADAPTERS |
|-----------------|------------------------|------------------------|-------------------|
| 1200 (47) | 183 (404) | 250 (66,0) | AF - AR - CS |
| | | | CR - S - CM |
| | | | CW - CS JANUS PRO |
| 1400 (55) | 211 (465) | 298 (78,8) | AF - AR - CS |
| | | | CR - S - CM |
| | | | CW - CS JANUS PRO |
| 1600 (63) | 239 (526) | 345 (91,1) | AF - AR - CS |
| | | | CR - S - CM |
| | | | CW - CS JANUS PRO |
| 1800 (71) | 266 (587) | 392 (103,6) | AF - AR - CS |
| | | | CR - S - CM |
| | | | CW - CS JANUS PRO |

OPTIONAL

- 4 BEZEL
- 5 REAR RAZOR

SPR55 MACHINE WEIGHT 7,5 - 10,0 t (16535 - 22046 lb)

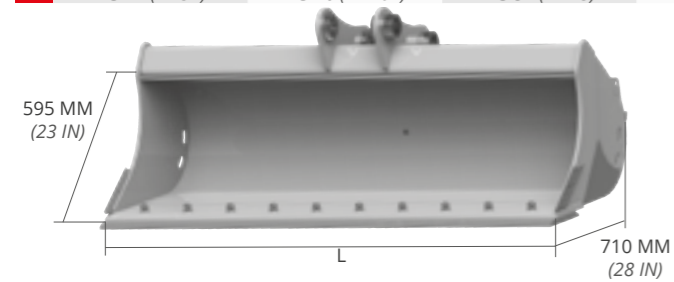


| L MM (IN) | WEIGHT KG* (LB*) | CAP. SAE L (GAL) | ADAPTERS |
|-----------------|------------------------|------------------------|-------------------|
| 1200 (47) | 233 (515) | 326 (86,1) | AF - CS |
| | | | CR - S - CM |
| | | | CW - CS JANUS PRO |
| 1400 (55) | 267 (588) | 387 (102,2) | AF - CS |
| | | | CR - S - CM |
| | | | CW - CS JANUS PRO |
| 1600 (63) | 302 (665) | 447 (118,1) | AF - CS |
| | | | CR - S - CM |
| | | | CW - CS JANUS PRO |
| 1800 (71) | 336 (741) | 507 (133,9) | AF - CS |
| | | | CR - S - CM |
| | | | CW - CS JANUS PRO |

OPTIONAL

- 4 BEZEL
- 5 REAR RAZOR

SPR60 MACHINE WEIGHT 10,0 - 12,0 t (22046 - 26455 lb)

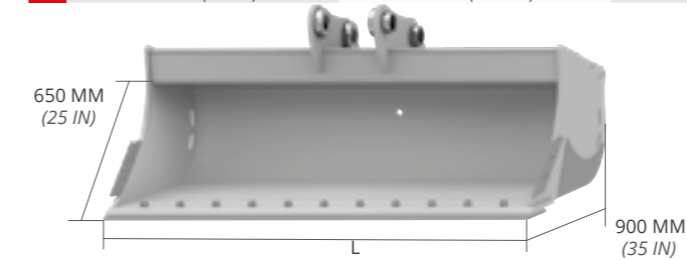


| L MM (IN) | WEIGHT KG* (LB*) | CAP. SAE L (GAL) | ADAPTERS |
|-----------------|------------------------|------------------------|----------------------------|
| 1200 (47) | 273 (601) | 367 (97,0) | AF - CS |
| | | | CR - S - CM - CS JANUS PRO |
| | | | CW |
| 1400 (55) | 311 (685) | 436 (115,2) | AF - CS |
| | | | CR - S - CM - CS JANUS PRO |
| | | | CW |
| 1600 (63) | 351 (774) | 504 (133,1) | AF - CS |
| | | | CR - S - CM - CS JANUS PRO |
| | | | CW |
| 1800 (71) | 389 (858) | 573 (151,4) | AF - CS |
| | | | CR - S - CM - CS JANUS PRO |
| | | | CW |
| 2000 (79) | 427 (942) | 641 (169,3) | AF - CS |
| | | | CR - S - CM - CS JANUS PRO |
| | | | CW |

OPTIONAL

- 4 BEZEL
- 5 REAR RAZOR

SPR65 HD MACHINE WEIGHT 12,0 - 16,0 t (26455 - 35274 lb)



| L MM (IN) | WEIGHT KG* (LB*) | CAP. SAE L (GAL) | ADAPTERS |
|-----------------|------------------------|------------------------|--------------|
| 1400 (55) | 394 (869) | 631 (166,7) | AF - S - CM |
| | | | CS - CW |
| | | | CS JANUS PRO |
| 1500 (59) | 4420 (926) | 665 (175,7) | AF - S - CM |
| | | | CS - CW |
| | | | CS JANUS PRO |
| 1600 (63) | 445 (981) | 699 (184,7) | AF - S - CM |
| | | | CS - CW |
| | | | CS JANUS PRO |
| 1800 (71) | 496 (1093) | 767 (202,6) | AF - S - CM |
| | | | CS - CW |
| | | | CS JANUS PRO |
| 2000 (79) | 546 (1204) | 835 (220,6) | AF - S - CM |
| | | | CS - CW |
| | | | CS JANUS PRO |

OPTIONAL

- 4 BEZEL
- 5 REAR RAZOR

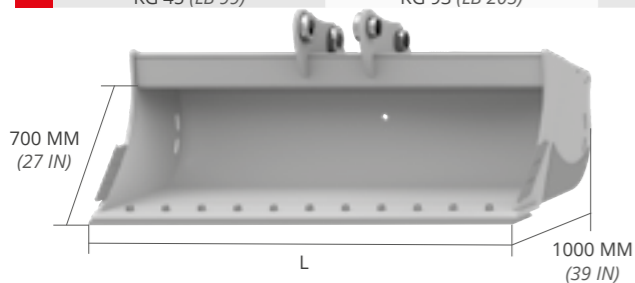
* weight of the tank excluding attachment

* weight of the tank excluding attachment

SPR70 HD

MACHINE WEIGHT 15,0 - 19,0 t (3307 - 41887 lb)

| | | | | | |
|-----------------|------------------------|-----------------------------------|-------------------------|-----------------------|------------------------|
| ADAPTERS | CS100 KG 45 (LB 99) | CS100 JANUS PRO KG 93 (LB 205) | CM180 KG 66 (LB 145) | S60 KG 57 (LB 125) | CW30 KG 66 (LB 145) |
|-----------------|------------------------|-----------------------------------|-------------------------|-----------------------|------------------------|



| L MM (IN) | WEIGHT KG* (LB*) | CAP. SAE L (GAL) | ADAPTERS |
|-----------------|------------------------|------------------------|-----------------|
| 1500 (59) | 512 (1130) | 780 (206,1) | AF - S - CM |
| | | | CS - CW |
| | | | CS JANUS PRO |
| 1600 (63) | 543 (1197) | 820 (216,6) | AF - S - CM |
| | | | CS - CW |
| | | | CS JANUS PRO |
| 1800 (71) | 604 (1331) | 900 (237,8) | AF - S - CM |
| | | | CS - CW |
| | | | CS JANUS PRO |
| 2000 (79) | 662 (1460) | 980 (258,9) | AF - S - CM |
| | | | CS - CW |
| | | | CS JANUS PRO |
| 2200 (87) | 719 (1586) | 1060 (280,0) | AF - S - CM |
| | | | CS - CW |
| | | | CS JANUS PRO |

OPTIONAL

- 4 BEZEL
- 5 REAR RAZOR



* weight of the tank excluding attachment



HB400



HB400 REINFORCEMENTS ON THE AREAS OF MAJOR WEAR, CAST SIDE CUTTERS AND A BOLTED-IN REVERSIBLE UNDERBLADE MAKE THIS BUCKET SUITABLE FOR WORKS ON ABRASIVE SOILS. IT'S THE IDEAL TOOL FOR FINISHING AND LEVELLING WORKS. ITS TILTING MECHANISM ENABLES TO TILT THE BUCKET BY 45° ON BOTH SIDES. THE STANDARD BLOCK VALVE ENABLES TO KEEP THE ANGLE.

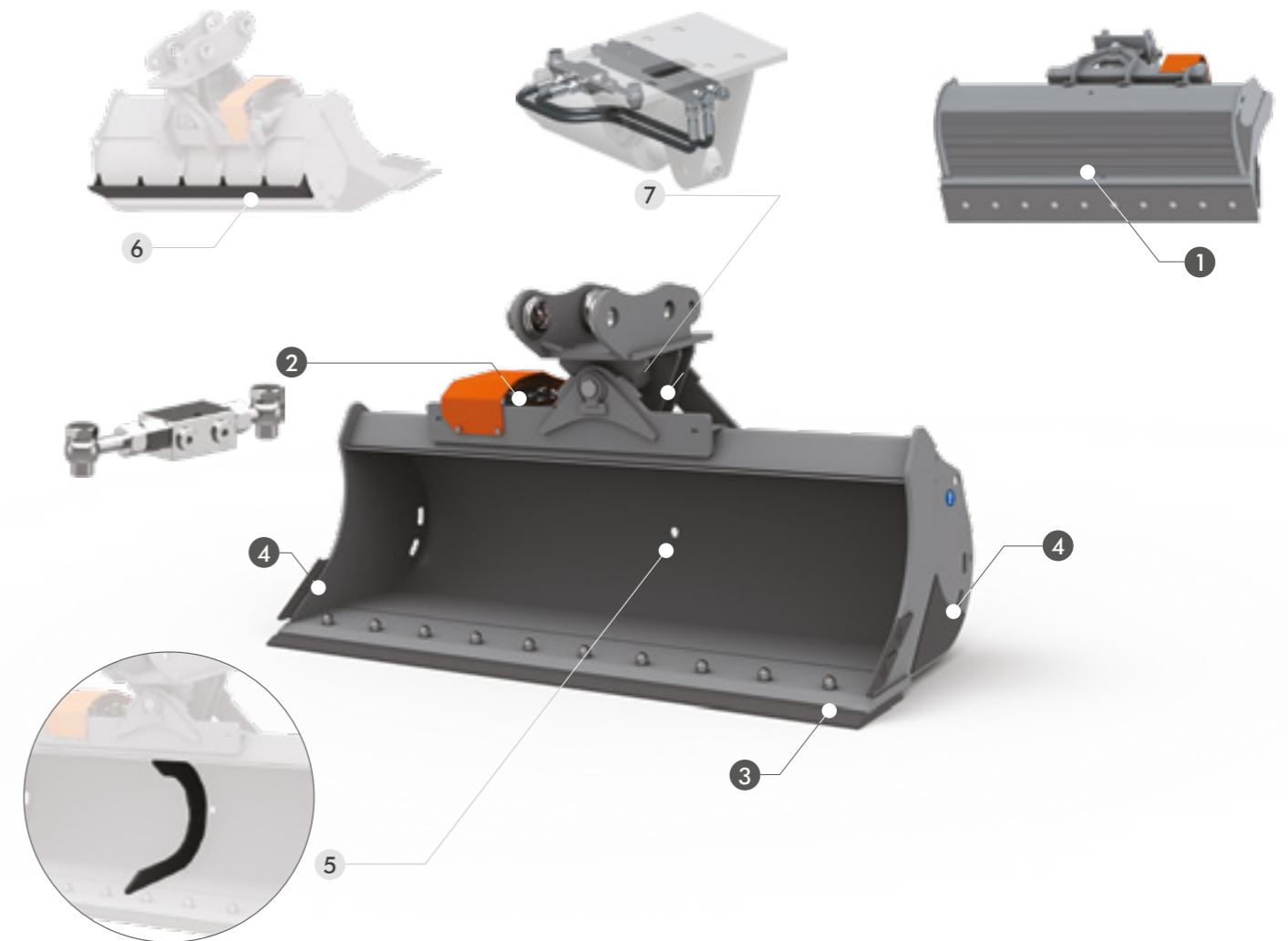
THE INSTALLATION OF BEZELS IS HIGHLY RECOMMENDED FOR BUCKETS WIDER THAN 1400 MM, IN ORDER TO AVOID DAMAGES TO THE BUCKET IN CASE OF HEAVY DUTY JOBS OR WITH PARTICULARLY HARD TERRAINS:

- WIDTH FROM 1400 TO 1500 MM: NR. 1 BEZEL
- WIDTH FROM 1600 TO 1800 MM: NR. 2 BEZELS
- WIDTH FROM 2000 TO 2200 MM: NR. 3 BEZELS

| MOD. | SQR35 | SQR40 | SQR45 | SQR50 | SQR55 | SQR60 | SQR65 HD | SQR70 HD |
|-----------|----------------------------|----------------------------|-----------------------------|------------------------------|-------------------------------|--------------------------------|--------------------------------|-------------------------------|
| TONS (LB) | 1,8 - 2,5 (3968 - 5512) | 2,5 - 4,0 (5512 - 8818) | 4,0 - 5,0 (8818 - 11023) | 5,0 - 7,5 (11023 - 16535) | 7,5 - 10,0 (16535 - 22046) | 10,0 - 12,0 (22046 - 26455) | 12,0 - 16,0 (26455 - 35274) | 15,0 - 19,0 (3307 - 41887) |



ADAPTERS



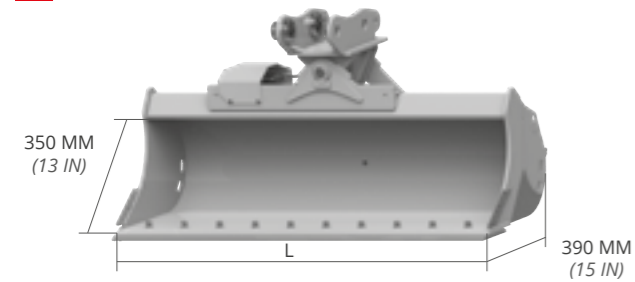
STANDARD TECHNICAL FEATURES

- 1 REINFORCING STRIPS 400HB**
THE HORIZONTAL REINFORCING STRIPS ON THE BUCKET'S REAR AND BOTTOM PROTECT THE BUCKET FROM WEAR AND INCREASE ITS RESISTANCE.
- 2 BLOCK VALVE**
IT ALLOWS TO KEEP THE BUCKET POSITIONING DURING THE WORKING PHASE.
- 3 HB400 ADDITIONAL BOLT-ON REVERSIBLE CUTTING EDGE**
BOLTED-IN HB400 REVERSIBLE UNDERBLADE. RECOMMENDED TO WORK ON PARTICULARLY ABRASIVE SOILS.
- 4 HB400 SIDE CAST CUTTERS AND REINFORCEMENTS**
THESE HB400 CAST CUTTERS ARE POSITIONED ON THE SURFACES MOSTLY SUBJECT TO WEAR GRANTING A HIGHER RESISTANCE.

OPTIONAL

- 5 BEZEL**
IT ENSURES A HIGHER STRUCTURAL RESISTANC. **HIGHLY RECOMMENDED WITH BUCKETS 1400MM WIDE OR MORE.**
- 6 REAR RAZOR**
WHEN THE MACHINE'S ARM IS KEPT CLOSED, IT ALLOWS TO FINISH SURFACES EVENLY.
- 7 PIPE KIT**
OPTIONAL KIT INSTALLED ON THE BUCKET FOR THE FEEDING OF THE HYDRAULIC CYLINDER. IT ALLOWS THE USE OF TWO OUTLETS ON THE RIGHT AND TWO OUTLETS ON THE LEFT FOR THE HYDRAULIC CONNECTION TO THE MACHINE REDUCING THE INSTALLATION TIMES. THE CONNECTING PIPES ARE NOT SUPPLIED.

SQR35 MACHINE WEIGHT - 1,8 - 2,5 t (3968 - 5512 lb)

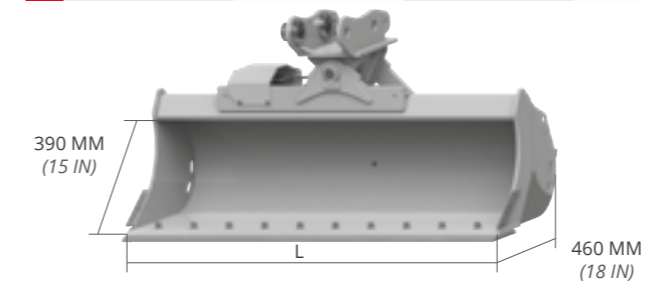


| L MM (IN) | WEIGHT KG* (LB*) | CAP. SAE L (GAL) | ADAPTERS |
|-----------------|------------------------|------------------------|--|
| 800 (31) | 95 (210) | 75 (19,8) | AF - AR - CS CR - S - CM CW - CS JANUS PRO |
| 1000 (39) | 109 (239) | 96 (25,4) | AF - AR - CS CR - S - CM CW - CS JANUS PRO |
| 1200 (47) | 122 (269) | 117 (30,9) | AF - AR - CS CR - S - CM CW - CS JANUS PRO |

OPTIONAL

- 7 REAR RAZOR
- 8 PIPE KIT

SQR40 MACHINE WEIGHT 2,5 - 4,0 t (5512 - 8818 lb)

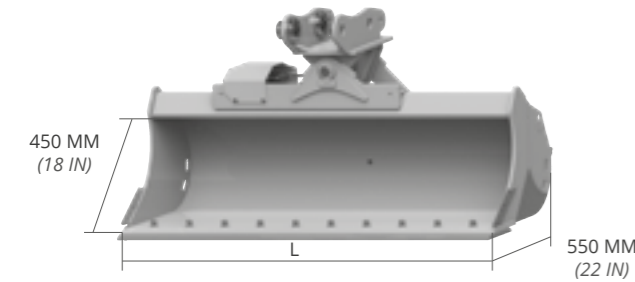


| L MM (IN) | WEIGHT KG* (LB*) | CAP. SAE L (GAL) | ADAPTERS |
|-----------------|------------------------|------------------------|--|
| 1000 (39) | 166 (365) | 125 (33,0) | AF - AR - CS CR - S - CM CW - CS JANUS PRO |
| 1200 (47) | 186 (410) | 154 (40,7) | AF - AR - CS CR - S - CM CW - CS JANUS PRO |
| 1400 (55) | 206 (454) | 182 (48,1) | AF - AR - CS CR - S - CM CW - CS JANUS PRO |

OPTIONAL

- 6 BEZEL
- 7 REAR RAZOR
- 8 PIPE KIT

SQR45 MACHINE WEIGHT 4,0 - 5,0 t (8818 - 11023 lb)

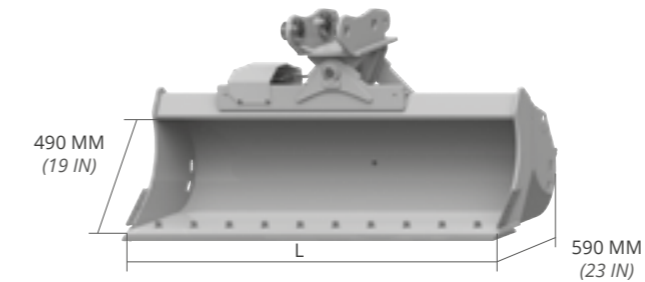


| L MM (IN) | WEIGHT KG* (LB*) | CAP. SAE L (GAL) | ADAPTERS |
|-----------------|------------------------|------------------------|--|
| 1200 (47) | 243 (537) | 213 (56,3) | AF - AR - CS CR - S - CM CW - CS JANUS PRO |
| 1400 (55) | 268 (591) | 254 (67,1) | AF - AR - CS CR - S - CM CW - CS JANUS PRO |
| 1500 (59) | 280 (617) | 274 (72,4) | AF - AR - CS CR - S - CM CW - CS JANUS PRO |

OPTIONAL

- 6 BEZEL
- 7 REAR RAZOR
- 8 PIPE KIT

SQR50 MACHINE WEIGHT 5,0 - 7,5 t (11012 - 16535 lb)



| L MM (IN) | WEIGHT KG* (LB*) | CAP. SAE L (GAL) | ADAPTERS |
|-----------------|------------------------|------------------------|--|
| 1200 (47) | 267 (588) | 250 (66,0) | AF - AR - CS CR - S - CM CW - CS JANUS PRO |
| 1400 (55) | 294 (648) | 298 (78,8) | AF - AR - CS CR - S - CM CW - CS JANUS PRO |
| 1600 (63) | 322 (710) | 345 (91,1) | AF - AR - CS CR - S - CM CW - CS JANUS PRO |
| 1800 (71) | 349 (770) | 392 (103,6) | AF - AR - CS CR - S - CM CW - CS JANUS PRO |

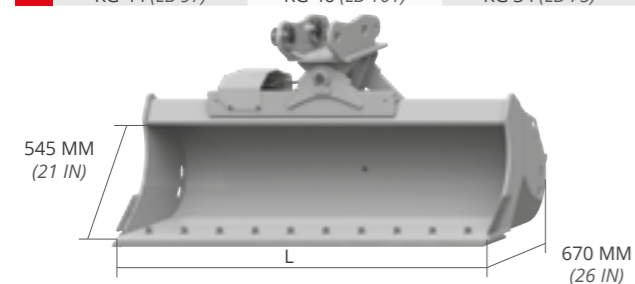
OPTIONAL

- 6 BEZEL
- 7 REAR RAZOR
- 8 PIPE KIT

* weight of the tank excluding attachment

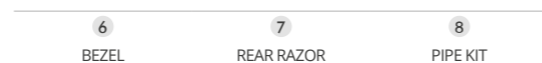
* weight of the tank excluding attachment

SQR55 MACHINE WEIGHT 7,5 - 10,0 t (16535 - 22046 lb)

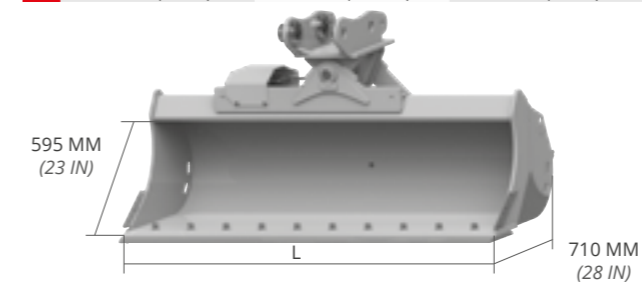


| L MM (IN) | WEIGHT KG* (LB*) | CAP. SAE L (GAL) | ADAPTERS |
|-----------------|------------------------|------------------------|-------------------|
| 1200 (47) | 347 (764) | 326 (86,1) | AF - CS |
| | | | CR - S - CM |
| | | | CW - CS JANUS PRO |
| 1400 (55) | 380 (838) | 387 (102,2) | AF - CS |
| | | | CR - S - CM |
| | | | CW - CS JANUS PRO |
| 1600 (63) | 415 (915) | 447 (118,1) | AF - CS |
| | | | CR - S - CM |
| | | | CW - CS JANUS PRO |
| 1800 (71) | 449 (991) | 507 (133,9) | AF - CS |
| | | | CR - S - CM |
| | | | CW - CS JANUS PRO |

OPTIONAL

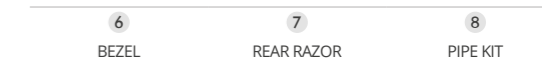


SQR60 MACHINE WEIGHT 10,0 - 12,0 t (22046 - 26455 lb)

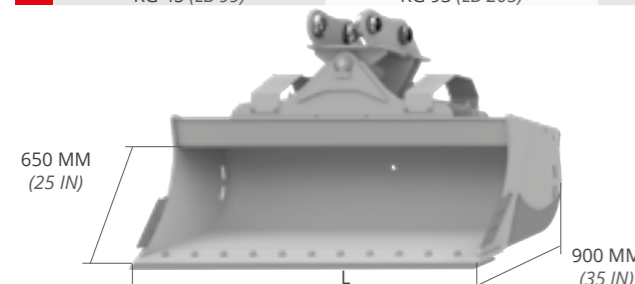


| L MM (IN) | WEIGHT KG* (LB*) | CAP. SAE L (GAL) | ADAPTERS |
|-----------------|------------------------|------------------------|----------------------------|
| 1200 (47) | 386 (851) | 367 (97,0) | AF - CS |
| | | | CR - S - CM - CS JANUS PRO |
| | | | CW |
| 1400 (55) | 424 (935) | 436 (115,2) | AF - CS |
| | | | CR - S - CM - CS JANUS PRO |
| | | | CW |
| 1600 (63) | 464 (1024) | 504 (133,1) | AF - CS |
| | | | CR - S - CM - CS JANUS PRO |
| | | | CW |
| 1800 (71) | 502 (1108) | 573 (151,4) | AF - CS |
| | | | CR - S - CM - CS JANUS PRO |
| | | | CW |
| 2000 (79) | 540 (1191) | 641 (169,3) | AF - CS |
| | | | CR - S - CM - CS JANUS PRO |
| | | | CW |

OPTIONAL

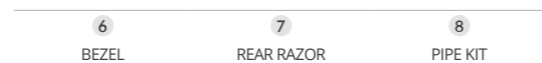


SQR65 HD MACHINE WEIGHT 12,0 - 16,0 t (26455 - 35274 lb)

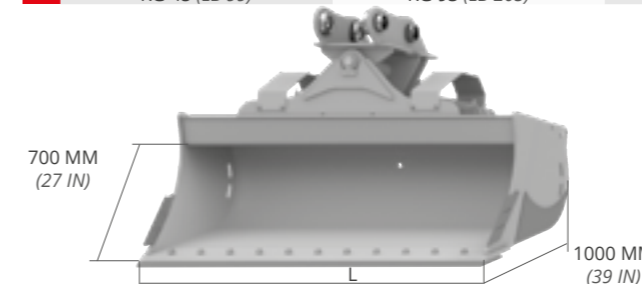


| L MM (IN) | WEIGHT KG* (LB*) | CAP. SAE L (GAL) | ADAPTERS |
|-----------------|------------------------|------------------------|--------------|
| 1400 (55) | 532 (1173) | 631 (166,7) | AF - S - CM |
| | | | CS - CW |
| | | | CS JANUS PRO |
| 1500 (59) | 558 (1230) | 665 (175,7) | AF - S - CM |
| | | | CS - CW |
| | | | CS JANUS PRO |
| 1600 (63) | 583 (1285) | 699 (184,7) | AF - S - CM |
| | | | CS - CW |
| | | | CS JANUS PRO |
| 1800 (71) | 634 (1398) | 767 (202,6) | AF - S - CM |
| | | | CS - CW |
| | | | CS JANUS PRO |
| 2000 (79) | 684 (1508) | 835 (220,6) | AF - S - CM |
| | | | CS - CW |
| | | | CS JANUS PRO |

OPTIONAL

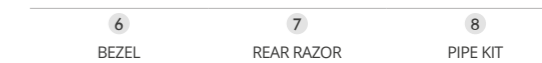


SQR70 HD MACHINE WEIGHT 15,0 - 19,0 t (33069 - 41887 lb)



| L MM (IN) | WEIGHT KG* (LB*) | CAP. SAE L (GAL) | ADAPTERS |
|-----------------|------------------------|------------------------|--------------|
| 1500 (59) | 650 (1434) | 780 (206,1) | AF - S - CM |
| | | | CS - CW |
| | | | CS JANUS PRO |
| 1600 (63) | 681 (1501) | 820 (216,6) | AF - S - CM |
| | | | CS - CW |
| | | | CS JANUS PRO |
| 1800 (71) | 742 (1635) | 900 (237,8) | AF - S - CM |
| | | | CS - CW |
| | | | CS JANUS PRO |
| 2000 (79) | 800 (1765) | 980 (258,9) | AF - S - CM |
| | | | CS - CW |
| | | | CS JANUS PRO |
| 2200 (87) | 857 (1890) | 1060 (280,0) | AF - S - CM |
| | | | CS - CW |
| | | | CS JANUS PRO |

OPTIONAL



* weight of the tank excluding attachment

* weight of the tank excluding attachment

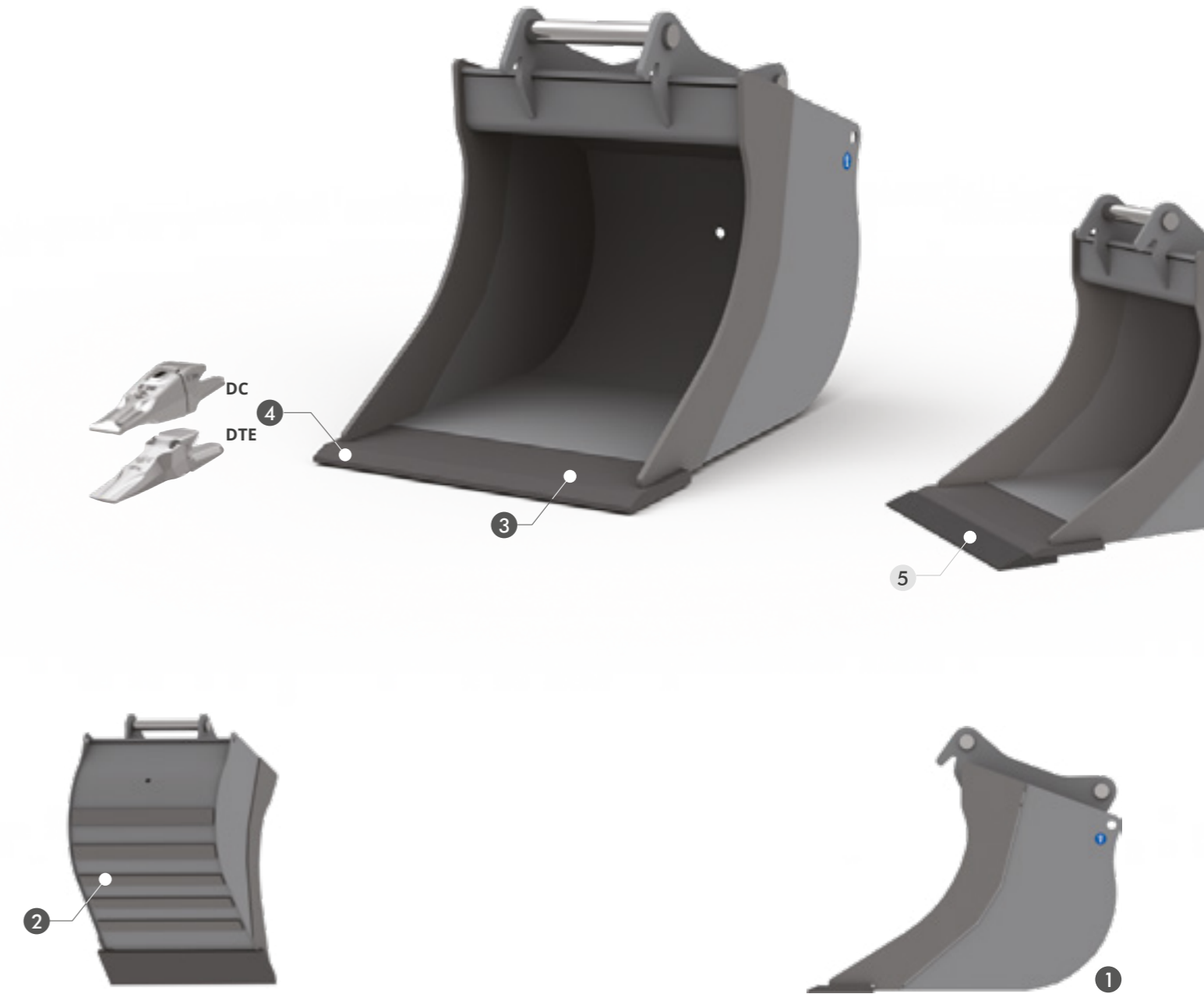


| | | | | | | | |
|---|------------|--------------------------|--|--|------------|--------------------------|---|
| <p>GODET DE TERRASSEMENT GENERAL DUTY</p> | <p>220</p> | <p>SCS GD</p> |  | <p>DIGGING BUCKET HEAVY DUTY</p> | <p>268</p> | <p>SCS HD</p> |  |
| <p>DIGGING BUCKET GENERAL DUTY</p> | <p>228</p> | <p>BS GD</p> |  | <p>CABLE BUCKET HEAVY DUTY</p> | <p>276</p> | <p>BS HD</p> |  |
| <p>SKELETON BUCKET GENERAL DUTY</p> | <p>236</p> | <p>VS GD</p> |  | <p>DITCH CLEANING BUCKET 8° HEAVY DUTY</p> | <p>284</p> | <p>SPS 8° HD</p> |  |
| <p>DITCH CLEANING BUCKET 8° GENERAL DUTY</p> | <p>244</p> | <p>SPS 8° GD</p> |  | <p>TILTING DITCH CLEANING BUCKET 25° HEAVY DUTY</p> | <p>292</p> | <p>SPS 25° HD</p> |  |
| <p>DITCH CLEANING BUCKET 25° GENERAL DUTY</p> | <p>252</p> | <p>SPS 25° GD</p> |  | <p>GODET DE CURAGE ORIENTABLE 8° HEAVY DUTY</p> | <p>300</p> | <p>SQS 8° HD</p> |  |
| <p>TILTING DITCH CLEANING BUCKET 8° GENERAL DUTY</p> | <p>260</p> | <p>SQS 8° GD</p> |  | | | | |



ADAPTERS

HB400



ITS ELONGATED PROFILE AVOIDS THAT THE GROUND STICKS TO THE BUCKET'S SIDE WALLS AND SIMPLIFIES THE DISCHARGE OF LOAMY AND WET MATERIALS. THE BLADE IS MADE OF HB400 FOR A HIGHER RESISTANCE TO WEAR.

STANDARD TECHNICAL FEATURES

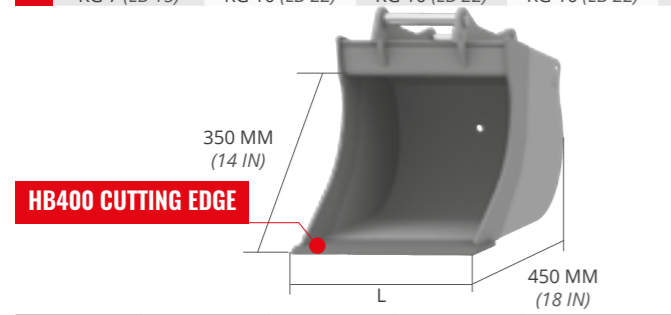
- 1 **ELONGATED PROFILE**
- 2 **REINFORCING STRIPS**
THE HORIZONTAL REINFORCING STRIPS ON THE BUCKET'S REAR AND BOTTOM PROTECT THE BUCKET FROM WEAR AND INCREASE ITS RESISTANCE.
- 3 **HB400 CUTTING EDGE**
- 4 **DC TEETH DTE TEETH**

OPTIONAL

- 5 **HB500 WELDED ADDITIONAL CUTTING EDGE**
RECOMMENDED TO WORK ON PARTICULARLY ABRASIVE SOILS.

| MOD. | MIDI EXCAVATOR | | | | | | | | | | | |
|-----------|----------------------------|----------------------------|----------------------------|----------------------------|-----------------------------|------------------------------|------------------------------|-------------------------------|--------------------------------|--------------------------------|--------------------------------|--------------------------------|
| | SCS 35GD | SCS 40GD | SCS 48GD | SCS 60GD | SCS 67GD | SCS 71GD | SCS 75GD | SCS 80GD | SCS 85GD | SCS 92GD | SCS 100GD | SCS 110GD |
| TONS (LB) | 0,8 - 1,5 (1764 - 3307) | 1,5 - 2,0 (3307 - 4409) | 2,0 - 3,0 (4409 - 6614) | 3,0 - 4,0 (6614 - 8818) | 4,0 - 6,0 (8818 - 13228) | 6,0 - 7,5 (13228 - 16535) | 7,5 - 9,0 (16535 - 19842) | 9,0 - 12,0 (19842 - 26455) | 12,0 - 14,0 (26455 - 30865) | 12,0 - 14,0 (26455 - 30865) | 14,0 - 16,0 (30865 - 35274) | 16,0 - 19,0 (35274 - 41887) |

SCS35 GD MACHINE WEIGHT 0,8 - 1,5 (1764 - 3307 lb)

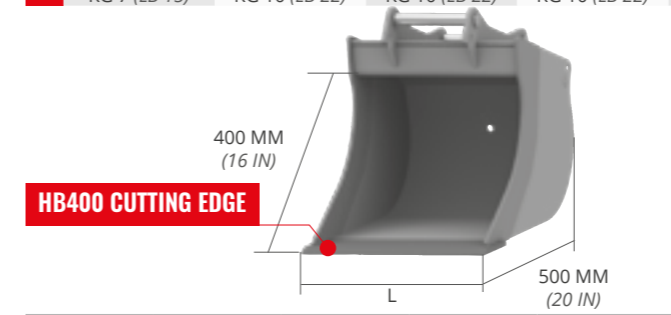


| L MM (IN) | WEIGHT KG* (LB*) | CAP. SAE L (GAL) | TEETH N° | ADAPTERS |
|-----------------|------------------------|------------------------|-------------|--|
| 250 (10) | 17 (37) | 25 (6,6) | 3 | AF - AR - CS CR - S - CM CW - CS JANUS PRO |
| 300 (12) | 20 (44) | 30 (7,9) | 3 | AF - AR - CS CR - S - CM CW - CS JANUS PRO |
| 400 (16) | 26 (57) | 42 (11,1) | 3 | AF - AR - CS CR - S - CM CW - CS JANUS PRO |
| 500 (20) | 31 (68) | 54 (14,3) | 4 | AF - AR - CS CR - S - CM CW - CS JANUS PRO |

OPTIONAL

5
HB500 WELDED ADDITIONAL CUTTING EDGE

SCS40 GD MACHINE WEIGHT 1,5 - 2,0 (3307 - 4409 lb)

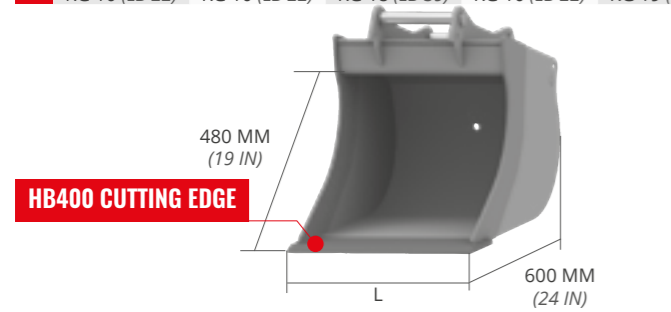


| L MM (IN) | WEIGHT KG* (LB*) | CAP. SAE L (GAL) | TEETH N° | ADAPTERS |
|-----------------|------------------------|------------------------|-------------|--|
| 300 (12) | 23 (51) | 35 (9,2) | 3 | AF - AR - CS CR - S - CM CW - CS JANUS PRO |
| 400 (16) | 30 (66) | 45 (11,8) | 3 | AF - AR - CS CR - S - CM CW - CS JANUS PRO |
| 500 (20) | 38 (84) | 60 (16,8) | 4 | AF - AR - CS CR - S - CM CW - CS JANUS PRO |
| 600 (24) | 45 (99) | 85 (22,4) | 4 | AF - AR - CS CR - S - CM CW - CS JANUS PRO |

OPTIONAL

5
HB500 WELDED ADDITIONAL CUTTING EDGE

SCS48 GD MACHINE WEIGHT 2,0 - 3,0 (4409 - 6614 lb)

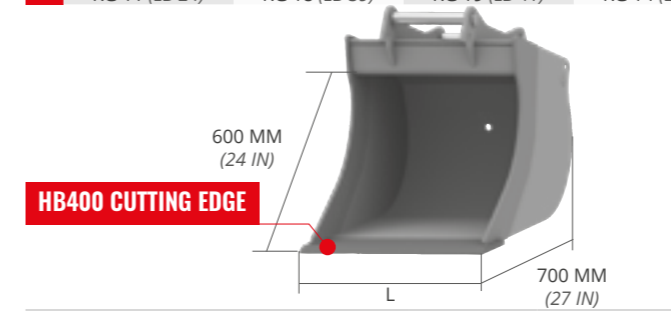


| L MM (IN) | WEIGHT KG* (LB*) | CAP. SAE L (GAL) | TEETH N° | ADAPTERS |
|-----------------|------------------------|------------------------|-------------|--|
| 300 (12) | 34 (75) | 48 (12,7) | 3 | AF - AR - CS CR - S - CM CW - CS JANUS PRO |
| 400 (16) | 43 (95) | 68 (17,9) | 3 | AF - AR - CS CR - S - CM CW - CS JANUS PRO |
| 500 (20) | 55 (121) | 85 (22,4) | 4 | AF - AR - CS CR - S - CM CW - CS JANUS PRO |
| 600 (24) | 65 (143) | 110 (29,0) | 4 | AF - AR - CS CR - S - CM CW - CS JANUS PRO |
| 800 (31) | 90 (199) | 160 (42,2) | 5 | AF - AR - CS CR - S - CM CW - CS JANUS PRO |

OPTIONAL

5
HB500 WELDED ADDITIONAL CUTTING EDGE

SCS60 GD MACHINE WEIGHT 3,0 - 4,0 (6614 - 8818 lb)



| L MM (IN) | WEIGHT KG* (LB*) | CAP. SAE L (GAL) | TEETH N° | ADAPTERS |
|-----------------|------------------------|------------------------|-------------|--|
| 300 (12) | 44 (97) | 78 (20,6) | 3 | AF - AR - CS CR - S - CM CW - CS JANUS PRO |
| 400 (16) | 54 (119) | 105 (27,7) | 3 | AF - AR - CS CR - S - CM CW - CS JANUS PRO |
| 500 (20) | 66 (146) | 140 (36,9) | 4 | AF - AR - CS CR - S - CM CW - CS JANUS PRO |
| 600 (24) | 80 (176) | 165 (43,5) | 4 | AF - AR - CS CR - S - CM CW - CS JANUS PRO |
| 800 (31) | 100 (220) | 225 (59,4) | 5 | AF - AR - CS CR - S - CM CW - CS JANUS PRO |

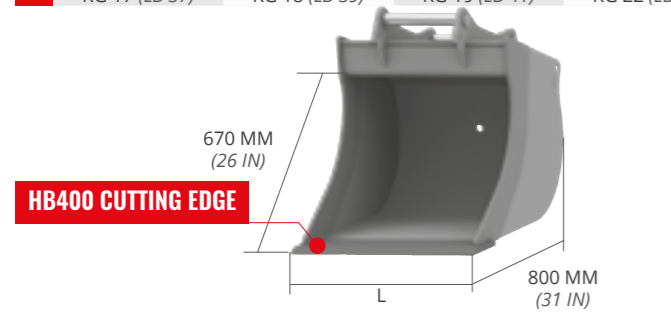
OPTIONAL

5
HB500 WELDED ADDITIONAL CUTTING EDGE

* weight of the tank excluding attachment

* weight of the tank excluding attachment

SCS67 GD MACHINE WEIGHT 4,0 - 6,0 (8818 - 13228 lb)

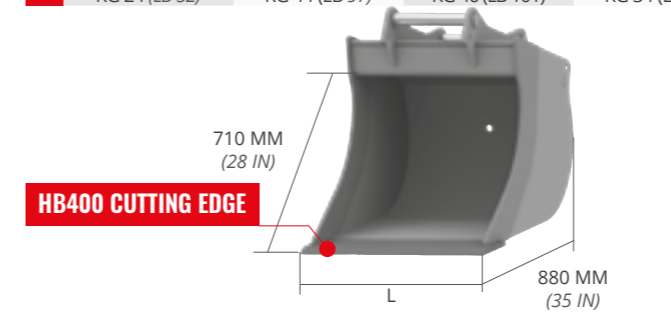
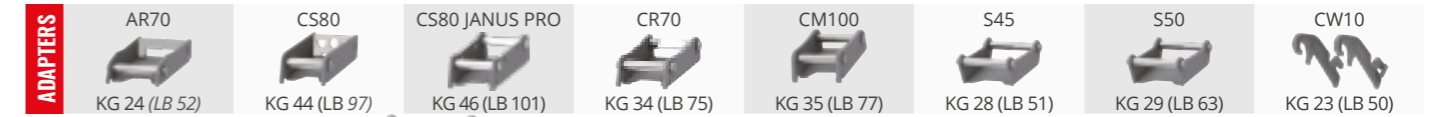


| L MM (IN) | WEIGHT KG* (LB*) | CAP. SAE L (GAL) | TEETH N° | ADAPTERS |
|-----------------|------------------------|------------------------|-------------|--|
| 300 (12) | 65 (143) | 90 (23,7) | 3 | AF - AR - CS CR - S - CM CW - CS JANUS PRO |
| 400 (16) | 73 (161) | 130 (34,3) | 3 | AF - AR - CS CR - S - CM CW - CS JANUS PRO |
| 500 (20) | 91 (201) | 170 (44,9) | 4 | AF - AR - CS CR - S - CM CW - CS JANUS PRO |
| 600 (24) | 106 (234) | 200 (52,8) | 4 | AF - AR - CS CR - S - CM CW - CS JANUS PRO |
| 800 (31) | 140 (309) | 280 (73,9) | 5 | AF - AR - CS CR - S - CM CW - CS JANUS PRO |

OPTIONAL

5
HB500 WELDED ADDITIONAL CUTTING EDGE

SCS71 GD MACHINE WEIGHT 6,0 - 7,5 (13228 - 16535 lb)

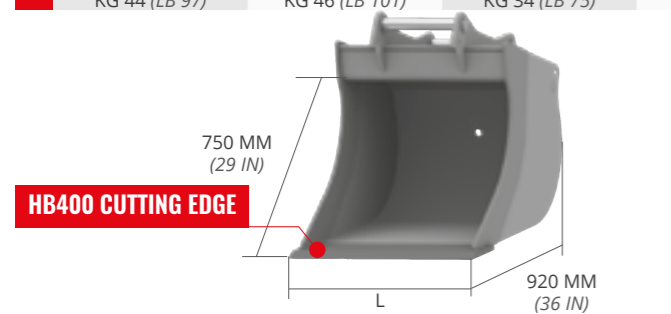


| L MM (IN) | WEIGHT KG* (LB*) | CAP. SAE L (GAL) | TEETH N° | ADAPTERS |
|-----------------|------------------------|------------------------|-------------|--|
| 400 (16) | 94 (207) | 150 (39,6) | 3 | AF - AR - CS CR - S - CM CW - CS JANUS PRO |
| 500 (20) | 114 (251) | 190 (50,2) | 4 | AF - AR - CS CR - S - CM CW - CS JANUS PRO |
| 600 (24) | 136 (300) | 230 (60,7) | 4 | AF - AR - CS CR - S - CM CW - CS JANUS PRO |
| 700 (28) | 156 (344) | 260 (68,7) | 5 | AF - AR - CS CR - S - CM CW - CS JANUS PRO |
| 800 (31) | 174 (384) | 315 (83,2) | 5 | AF - AR - CS CR - S - CM CW - CS JANUS PRO |

OPTIONAL

5
HB500 WELDED ADDITIONAL CUTTING EDGE

SCS75 GD MACHINE WEIGHT 7,5 - 9,0 (16535 - 1982 lb)

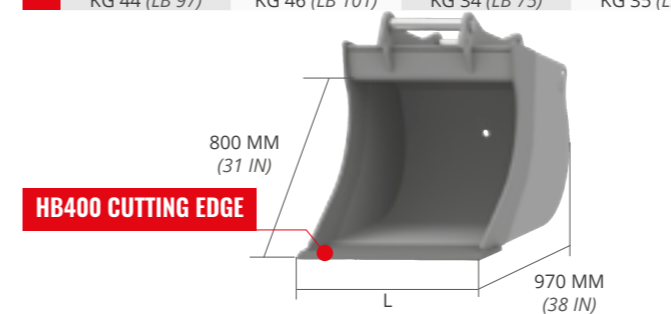
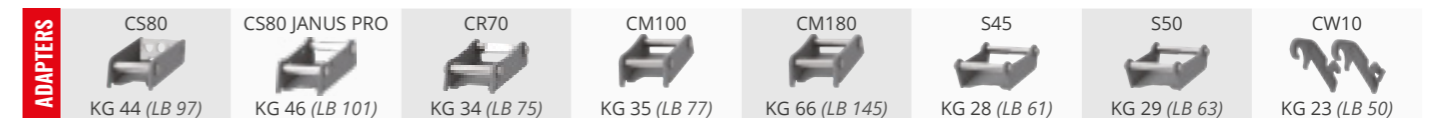


| L MM (IN) | WEIGHT KG* (LB*) | CAP. SAE L (GAL) | TEETH N° | ADAPTERS |
|-----------------|------------------------|------------------------|-------------|---|
| 400 (16) | 108 (238) | 165 (43,6) | 3 | AF - CS CR - S - CM CW - CS JANUS PRO |
| 500 (20) | 128 (282) | 210 (55,4) | 4 | AF - CS CR - S - CM CW - CS JANUS PRO |
| 600 (24) | 150 (331) | 260 (68,7) | 4 | AF - CS CR - S - CM CW - CS JANUS PRO |
| 700 (28) | 175 (386) | 300 (79,2) | 5 | AF - CS CR - S - CM CW - CS JANUS PRO |
| 800 (31) | 194 (427) | 350 (94,2) | 5 | AF - CS CR - S - CM CW - CS JANUS PRO |
| 1000 (39) | 231 (509) | 450 (118,9) | 5 | AF - CS CR - S - CM CW - CS JANUS PRO |

OPTIONAL

5
HB500 WELDED ADDITIONAL CUTTING EDGE

SCS80 GD MACHINE WEIGHT 9,0 - 12,0 (1982 - 26455 lb)



| L MM (IN) | WEIGHT KG* (LB*) | CAP. SAE L (GAL) | TEETH N° | ADAPTERS |
|-----------------|------------------------|------------------------|-------------|---|
| 400 (16) | 118 (260) | 190 (50,2) | 3 | AF - CS CR - S - CM CW - CS JANUS PRO |
| 500 (20) | 135 (298) | 245 (64,7) | 3 | AF - CS CR - S - CM CW - CS JANUS PRO |
| 600 (24) | 157 (346) | 300 (79,2) | 4 | AF - CS CR - S - CM CW - CS JANUS PRO |
| 700 (28) | 185 (408) | 350 (92,4) | 4 | AF - CS CR - S - CM CW - CS JANUS PRO |
| 800 (31) | 207 (456) | 400 (105,7) | 5 | AF - CS CR - S - CM CW - CS JANUS PRO |
| 1000 (39) | 250 (551) | 500 (132,1) | 5 | AF - CS CR - S - CM CW - CS JANUS PRO |

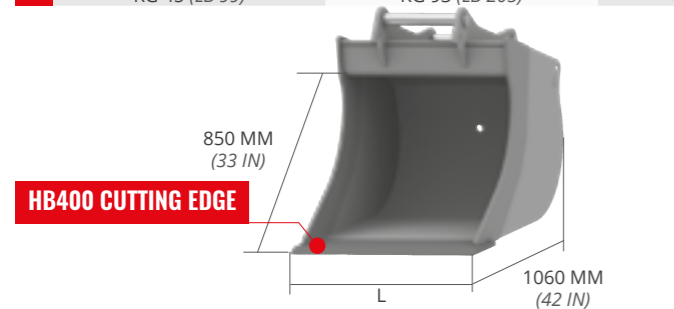
OPTIONAL

5
HB500 WELDED ADDITIONAL CUTTING EDGE

* weight of the tank excluding attachment

* weight of the tank excluding attachment

SCS85 GD **MIDI** MACHINE WEIGHT 12,0 - 14,0 (26455 - 30865 lb)

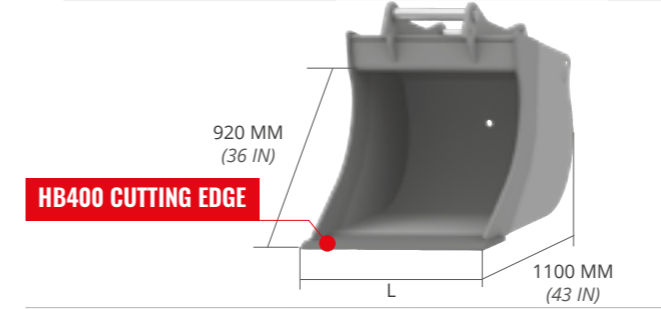


| L MM (IN) | WEIGHT KG* (LB*) | CAP. SAE L (GAL) | TEETH N° | ADAPTERS |
|-----------------|------------------------|------------------------|-------------|--|
| 500 (20) | 175 (386) | 265 (70,0) | 3 | AF - S - CM CS - CW CS JANUS PRO |
| 600 (24) | 200 (441) | 330 (87,1) | 4 | AF - S - CM CS - CW CS JANUS PRO |
| 700 (28) | 228 (503) | 400 (105,7) | 4 | AF - S - CM CS - CW CS JANUS PRO |
| 800 (31) | 253 (558) | 450 (118,8) | 5 | AF - S - CM CS - CW CS JANUS PRO |
| 900 (39) | 278 (613) | 500 (132,1) | 5 | AF - S - CM CS - CW CS JANUS PRO |
| 1000 (39) | 305 (672) | 580 (153,2) | 5 | AF - S - CM CS - CW CS JANUS PRO |
| 1200 (47) | 340 (750) | 740 (195,5) | 6 | AF - S - CM CS - CW CS JANUS PRO |

OPTIONAL

5
HB500 WELDED ADDITIONAL CUTTING EDGE

SCS92 GD **EXCAVATOR** MACHINE WEIGHT 12,0 - 14,0 (26455 - 30865 lb)

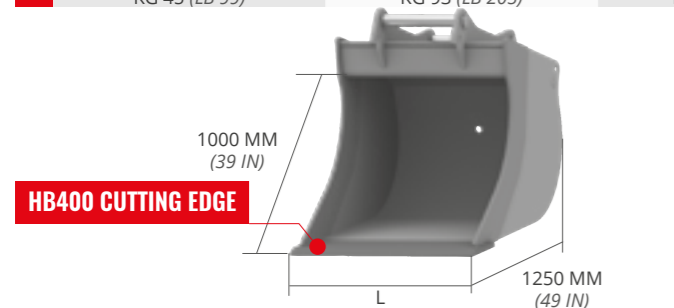


| L MM (IN) | WEIGHT KG* (LB*) | CAP. SAE L (GAL) | TEETH N. | ADAPTERS |
|-----------------|------------------------|------------------------|-------------|--|
| 600 (24) | 228 (503) | 380 (100,4) | 4 | AF - S - CM CS - CW CS JANUS PRO |
| 700 (28) | 251 (553) | 450 (118,9) | 4 | AF - S - CM CS - CW CS JANUS PRO |
| 800 (31) | 281 (619) | 560 (147,9) | 4 | AF - S - CM CS - CW CS JANUS PRO |
| 900 (35) | 309 (681) | 620 (163,8) | 5 | AF - S - CM CS - CW CS JANUS PRO |
| 1000 (39) | 350 (772) | 700 (184,9) | 5 | AF - S - CM CS - CW CS JANUS PRO |
| 1200 (47) | 403 (888) | 900 (237,7) | 6 | AF - S - CM CS - CW CS JANUS PRO |

OPTIONAL

5
HB500 WELDED ADDITIONAL CUTTING EDGE

SCS100 GD MACHINE WEIGHT 14,0 - 16,0 (30865 - 35274 lb)

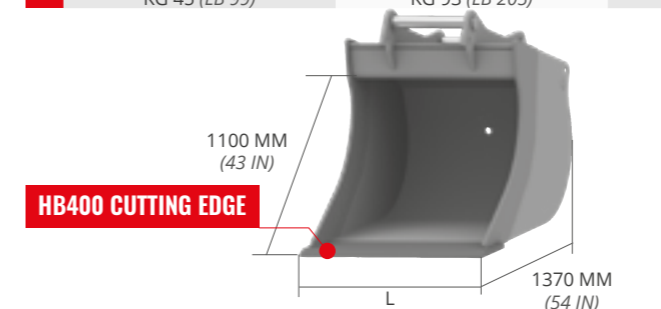


| L MM (IN) | WEIGHT KG* (LB*) | CAP. SAE L (GAL) | TEETH N. | ADAPTERS |
|-----------------|------------------------|------------------------|-------------|--|
| 600 (24) | 316 (697) | 450 (118,9) | 3 | AF - S - CM CS - CW CS JANUS PRO |
| 700 (28) | 355 (783) | 535 (141,3) | 4 | AF - S - CM CS - CW CS JANUS PRO |
| 800 (31) | 394 (869) | 620 (163,7) | 4 | AF - S - CM CS - CW CS JANUS PRO |
| 900 (35) | 433 (955) | 710 (187,5) | 4 | AF - S - CM CS - CW CS JANUS PRO |
| 1000 (39) | 472 (1041) | 800 (211,3) | 5 | AF - S - CM CS - CW CS JANUS PRO |
| 1200 (47) | 550 (1213) | 980 (258,8) | 5 | AF - S - CM CS - CW CS JANUS PRO |

OPTIONAL

5
HB500 WELDED ADDITIONAL CUTTING EDGE

SCS110 GD MACHINE WEIGHT 16,0 - 19,0 (35274 - 41887 lb)



| L MM (IN) | WEIGHT KG* (LB*) | CAP. SAE L (GAL) | TEETH N. | ADAPTERS |
|-----------------|------------------------|------------------------|-------------|--|
| 600 (24) | 412 (908) | 480 (126,8) | 3 | AF - S - CM CS - CW CS JANUS PRO |
| 800 (31) | 502 (1107) | 690 (182,3) | 4 | AF - S - CM CS - CW CS JANUS PRO |
| 1000 (39) | 592 (1305) | 900 (237,7) | 5 | AF - S - CM CS - CW CS JANUS PRO |
| 1200 (47) | 682 (1504) | 1110 (293,2) | 5 | AF - S - CM CS - CW CS JANUS PRO |
| 1300 (52) | 727 (1603) | 1220 (322,2) | 6 | AF - S - CM CS - CW CS JANUS PRO |
| 1400 (55) | 772 (1702) | 1330 (351,3) | 6 | AF - S - CM CS - CW CS JANUS PRO |

OPTIONAL

5
HB500 WELDED ADDITIONAL CUTTING EDGE

* weight of the tank excluding attachment

* weight of the tank excluding attachment



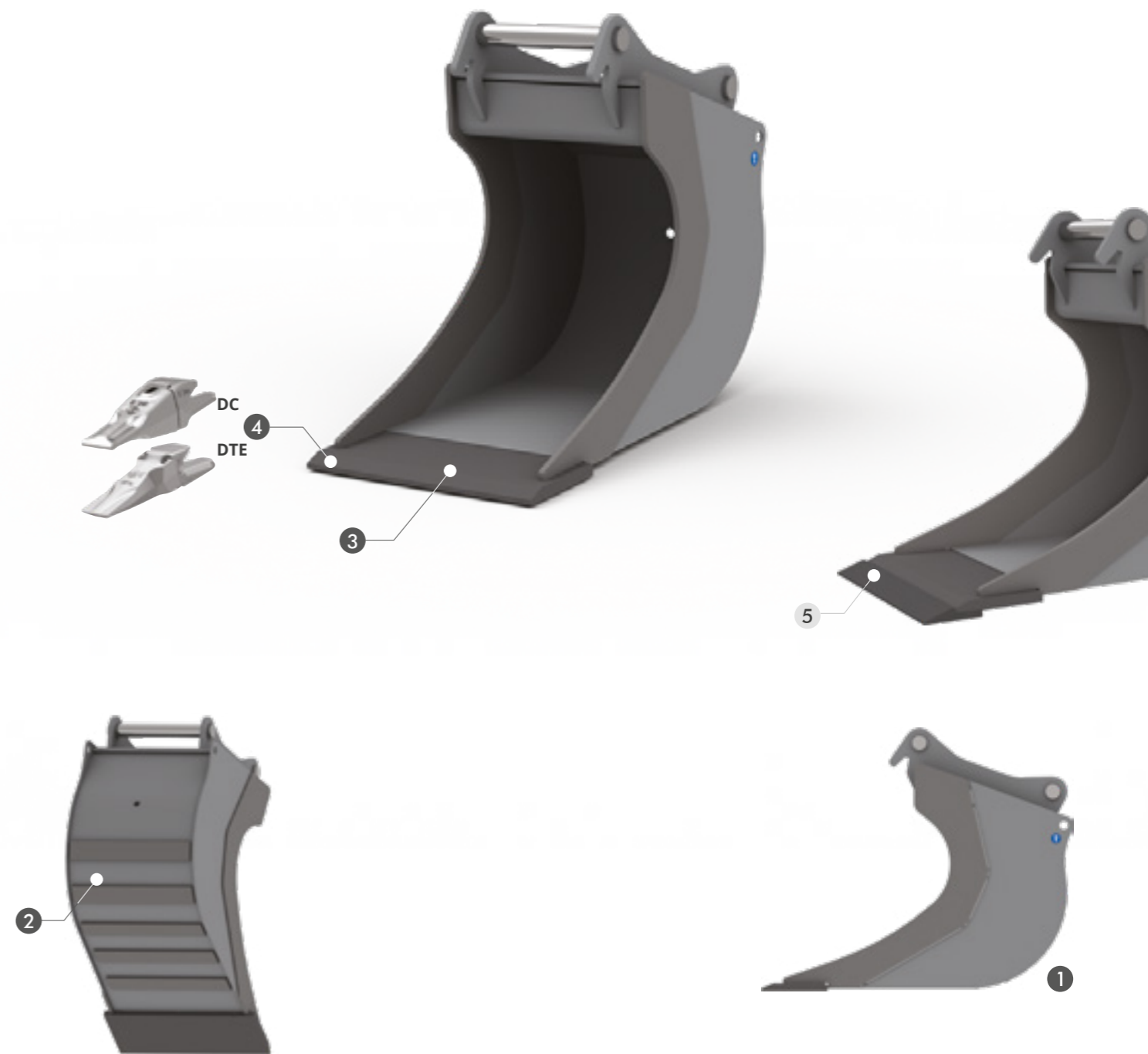
HB400



ITS ELONGATED PROFILE AVOIDS THAT THE GROUND STICKS TO THE BUCKET'S SIDE WALLS AND SIMPLIFIES THE DISCHARGE OF LOAMY AND WET MATERIALS. ITS HOLLOW SIDE WALLS HELP THE CROSSING OF GAS AND HYDRAULIC PIPES OR PLANTS, ETC. THE BLADE IS MADE OF HB400 FOR A HIGHER RESISTANCE TO WEAR.



ADAPTERS



STANDARD TECHNICAL FEATURES

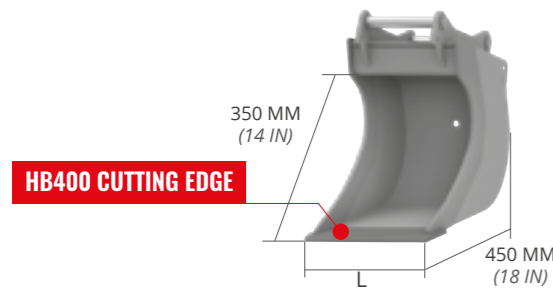
- 1 **ELONGATED PROFILE**
- 2 **REINFORCING STRIPS**
THE HORIZONTAL REINFORCING STRIPS ON THE BUCKET'S REAR AND BOTTOM PROTECT THE BUCKET FROM WEAR AND INCREASE ITS RESISTANCE.
- 3 **HB400 CUTTING EDGE**
- 4 **DC TEETH DTE TEETH**

OPTIONAL

- 5 **HB500 WELDED ADDITIONAL CUTTING EDGE**
RECOMMENDED TO WORK ON PARTICULARLY ABRASIVE SOILS.

| MOD. | MIDI EXCAVATOR | | | | | | | | EXCAVATOR | | | |
|-----------|----------------------------|----------------------------|----------------------------|----------------------------|-----------------------------|------------------------------|------------------------------|-------------------------------|--------------------------------|--------------------------------|--------------------------------|--------------------------------|
| | BS 35GD | BS 40GD | BS 48GD | BS 60GD | BS 67GD | BS 71GD | BS 75GD | BS 80GD | BS 85GD | BS 92GD | BS 100GD | BS 110GD |
| TONS (LB) | 0,8 - 1,5 (1764 - 3307) | 1,5 - 2,0 (3307 - 4409) | 2,0 - 3,0 (4409 - 6614) | 3,0 - 4,0 (6614 - 8818) | 4,0 - 6,0 (8818 - 13228) | 6,0 - 7,5 (13228 - 16535) | 7,5 - 9,0 (16535 - 19842) | 9,0 - 12,0 (19842 - 26455) | 12,0 - 14,0 (26455 - 30865) | 12,0 - 14,0 (26455 - 30865) | 14,0 - 16,0 (30865 - 35274) | 16,0 - 19,0 (35274 - 41887) |

BS35 GD MACHINE WEIGHT 0,8 - 1,5 (1764 - 3307 lb)

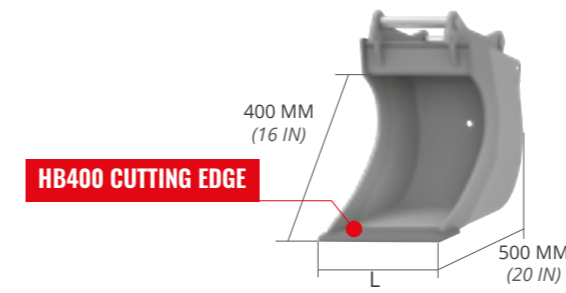


| L MM (IN) | WEIGHT KG* (LB*) | CAP. SAE L (GAL) | TEETH N° | ADAPTERS |
|-----------------|------------------------|------------------------|-------------|--|
| 250 (10) | 20 (44) | 24 (6,3) | 3 | AF - AR - CS CR - S - CM CW - CS JANUS PRO |
| 300 (12) | 22 (48) | 29 (7,7) | 3 | AF - AR - CS CR - S - CM CW - CS JANUS PRO |
| 350 (14) | 25 (55) | 35 (9,2) | 3 | AF - AR - CS CR - S - CM CW - CS JANUS PRO |
| 400 (16) | 28 (62) | 41 (10,7) | 3 | AF - AR - CS CR - S - CM CW - CS JANUS PRO |

OPTIONAL

5
HB500 WELDED ADDITIONAL CUTTING EDGE

BS40 GD MACHINE WEIGHT 1,5 - 2,0 (3307 - 4409 lb)

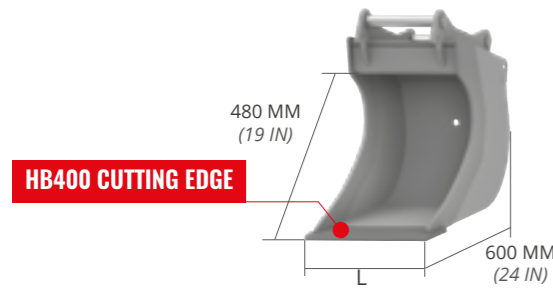


| L MM (IN) | WEIGHT KG* (LB*) | CAP. SAE L (GAL) | TEETH N° | ADAPTERS |
|-----------------|------------------------|------------------------|-------------|--|
| 250 (10) | 23 (51) | 24 (6,3) | 3 | AF - AR - CS CR - S - CM CW - CS JANUS PRO |
| 300 (12) | 25 (55) | 30 (7,9) | 3 | AF - AR - CS CR - S - CM CW - CS JANUS PRO |
| 350 (14) | 27 (59) | 37 (9,7) | 3 | AF - AR - CS CR - S - CM CW - CS JANUS PRO |
| 400 (16) | 30 (66) | 44 (11,6) | 3 | AF - AR - CS CR - S - CM CW - CS JANUS PRO |

OPTIONAL

5
HB500 WELDED ADDITIONAL CUTTING EDGE

BS48 GD MACHINE WEIGHT 2,0 - 3,0 (4409 - 6614 lb)

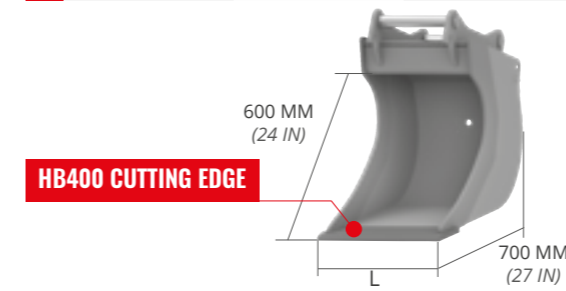
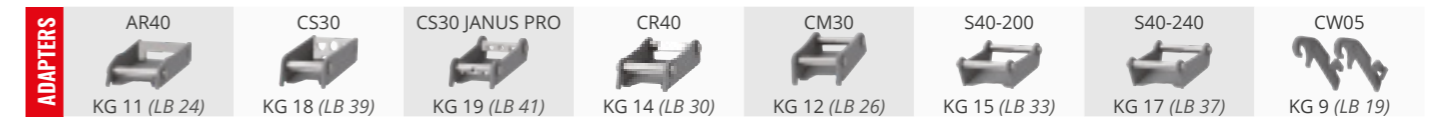


| L MM (IN) | WEIGHT KG* (LB*) | CAP. SAE L (GAL) | TEETH N° | ADAPTERS |
|-----------------|------------------------|------------------------|-------------|--|
| 250 (10) | 33 (73) | 36 (9,5) | 3 | AF - AR - CS CR - S - CM CW - CS JANUS PRO |
| 300 (12) | 38 (84) | 45 (,) | 3 | AF - AR - CS CR - S - CM CW - CS JANUS PRO |
| 350 (14) | 42 (92) | 54 (11,8) | 3 | AF - AR - CS CR - S - CM CW - CS JANUS PRO |
| 400 (16) | 48 (106) | 63 (16,6) | 3 | AF - AR - CS CR - S - CM CW - CS JANUS PRO |
| 500 (20) | 58 (128) | 83 (21,9) | 4 | AF - AR - CS CR - S - CM CW - CS JANUS PRO |

OPTIONAL

5
HB500 WELDED ADDITIONAL CUTTING EDGE

BS60 GD MACHINE WEIGHT 3,0 - 4,0 (6614 - 8818 lb)



| L MM (IN) | WEIGHT KG* (LB*) | CAP. SAE L (GAL) | TEETH N° | ADAPTERS |
|-----------------|------------------------|------------------------|-------------|--|
| 250 (10) | 40 (88) | 54 (14,3) | 3 | AF - AR - CS CR - S - CM CW - CS JANUS PRO |
| 300 (12) | 45 (99) | 66 (17,4) | 3 | AF - AR - CS CR - S - CM CW - CS JANUS PRO |
| 350 (14) | 51 (112) | 79 (20,9) | 3 | AF - AR - CS CR - S - CM CW - CS JANUS PRO |
| 400 (16) | 57 (126) | 93 (24,6) | 3 | AF - AR - CS CR - S - CM CW - CS JANUS PRO |
| 500 (20) | 68 (150) | 121 (31,9) | 4 | AF - AR - CS CR - S - CM CW - CS JANUS PRO |

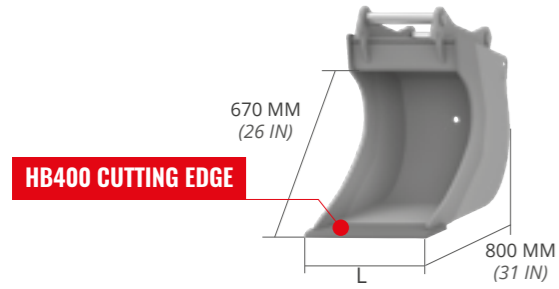
OPTIONAL

5
HB500 WELDED ADDITIONAL CUTTING EDGE

* weight of the tank excluding attachment

* weight of the tank excluding attachment

BS67 GD MACHINE WEIGHT 4,0 - 6,0 (8818 - 13228 lb)

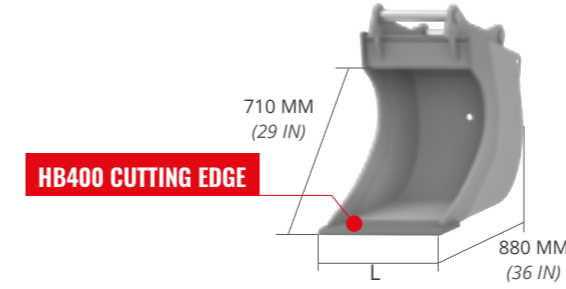


| L MM (IN) | WEIGHT KG* (LB*) | CAP. SAE L (GAL) | TEETH N° | ADAPTERS |
|-----------------|------------------------|------------------------|-------------|--|
| 300 (12) | 60 (132) | 78 (20,6) | 3 | AF - AR - CS CR - S - CM CW - CS JANUS PRO |
| 350 (14) | 69 (152) | 95 (25,1) | 3 | AF - AR - CS CR - S - CM CW - CS JANUS PRO |
| 400 (16) | 78 (172) | 111 (29,3) | 3 | AF - AR - CS CR - S - CM CW - CS JANUS PRO |
| 500 (20) | 95 (209) | 146 (38,5) | 4 | AF - AR - CS CR - S - CM CW - CS JANUS PRO |

OPTIONAL

5
HB500 WELDED ADDITIONAL CUTTING EDGE

BS71 GD MACHINE WEIGHT 6,0 - 7,5 (13228 - 16535 lb)

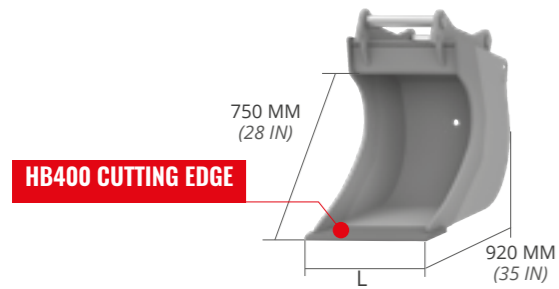


| L MM (IN) | WEIGHT KG* (LB*) | CAP. SAE L (GAL) | TEETH N° | ADAPTERS |
|-----------------|------------------------|------------------------|-------------|--|
| 350 (14) | 92 (203) | 117 (30,9) | 3 | AF - AR - CS CR - S - CM CW - CS JANUS PRO |
| 400 (16) | 102 (225) | 138 (36,5) | 3 | AF - AR - CS CR - S - CM CW - CS JANUS PRO |
| 500 (20) | 120 (264) | 181 (47,8) | 4 | AF - AR - CS CR - S - CM CW - CS JANUS PRO |
| 600 (24) | 140 (309) | 226 (59,7) | 4 | AF - AR - CS CR - S - CM CW - CS JANUS PRO |

OPTIONAL

5
HB500 WELDED ADDITIONAL CUTTING EDGE

BS75 GD MACHINE WEIGHT 7,5 - 9,0 (16535 - 1982 lb)

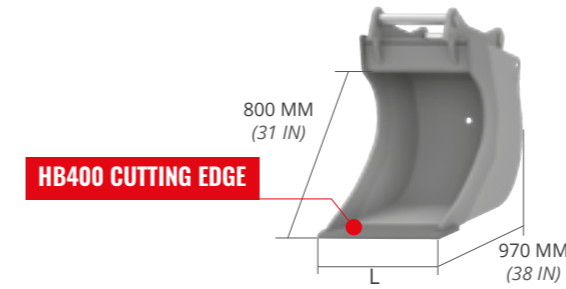


| L MM (IN) | WEIGHT KG* (LB*) | CAP. SAE L (GAL) | TEETH N° | ADAPTERS |
|-----------------|------------------------|------------------------|-------------|---|
| 350 (14) | 88 (194) | 112 (29,6) | 3 | AF - CS CR - S - CM CW - CS JANUS PRO |
| 400 (16) | 96 (212) | 132 (34,9) | 3 | AF - CS CR - S - CM CW - CS JANUS PRO |
| 500 (20) | 116 (255) | 172 (45,4) | 4 | AF - CS CR - S - CM CW - CS JANUS PRO |
| 600 (24) | 133 (293) | 215 (56,7) | 4 | AF - CS CR - S - CM CW - CS JANUS PRO |

OPTIONAL

5
HB500 WELDED ADDITIONAL CUTTING EDGE

BS80 GD MACHINE WEIGHT 9,0 - 12,0 (1982 - 26455 lb)



| L MM (IN) | WEIGHT KG* (LB*) | CAP. SAE L (GAL) | TEETH N° | ADAPTERS |
|-----------------|------------------------|------------------------|-------------|---|
| 400 (16) | 115 (253) | 161 (42,5) | 3 | AF - CS CR - S - CM CW - CS JANUS PRO |
| 500 (20) | 140 (309) | 210 (55,4) | 3 | AF - CS CR - S - CM CW - CS JANUS PRO |
| 600 (24) | 165 (364) | 261 (68,9) | 4 | AF - CS CR - S - CM CW - CS JANUS PRO |

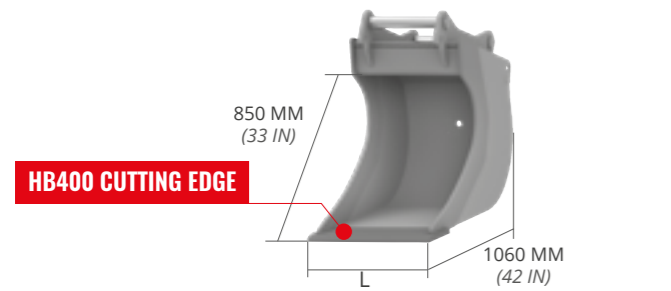
OPTIONAL

5
HB500 WELDED ADDITIONAL CUTTING EDGE

* weight of the tank excluding attachment

* weight of the tank excluding attachment

BS85 GD MIDI MACHINE WEIGHT 12,0 - 14,0 (26455 - 30865 lb)

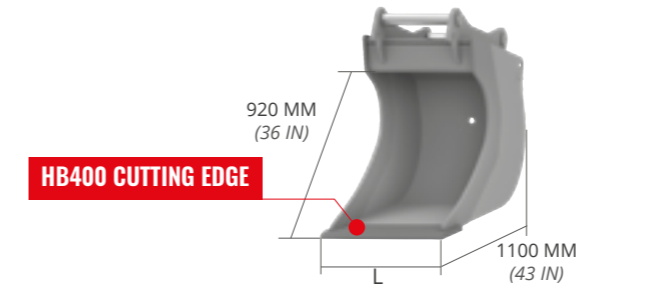


| L MM (IN) | WEIGHT KG* (LB*) | CAP. SAE L (GAL) | TEETH N° | ADAPTERS |
|-----------------|------------------------|------------------------|-------------|--------------|
| 400 (16) | 145 (320) | 184 (48,6) | 3 | AF - S - CM |
| | | | | CS - CW |
| | | | | CS JANUS PRO |
| 500 (20) | 170 (375) | 242 (63,9) | 3 | AF - S - CM |
| | | | | CS - CW |
| | | | | CS JANUS PRO |
| 600 (24) | 195 (430) | 301 (79,5) | 4 | AF - S - CM |
| | | | | CS - CW |
| | | | | CS JANUS PRO |

OPTIONAL

5
HB500 WELDED ADDITIONAL CUTTING EDGE

BS92 GD EXCAVATOR MACHINE WEIGHT 12,0 - 14,0 (26455 - 30865 lb)

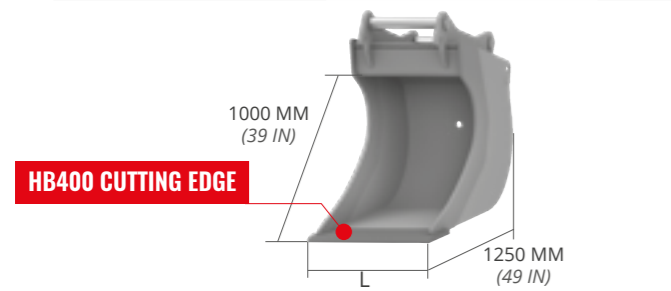


| L MM (IN) | WEIGHT KG* (LB*) | CAP. SAE L (GAL) | TEETH N° | ADAPTERS |
|-----------------|------------------------|------------------------|-------------|--------------|
| 400 (16) | 162 (357) | 206 (54,4) | 3 | AF - S - CM |
| | | | | CS - CW |
| | | | | CS JANUS PRO |
| 500 (20) | 195 (430) | 270 (71,3) | 3 | AF - S - CM |
| | | | | CS - CW |
| | | | | CS JANUS PRO |
| 600 (24) | 223 (492) | 337 (89,0) | 4 | AF - S - CM |
| | | | | CS - CW |
| | | | | CS JANUS PRO |

OPTIONAL

5
HB500 WELDED ADDITIONAL CUTTING EDGE

BS100 GD MACHINE WEIGHT 14,0 - 16,0 (30865 - 35274 lb)

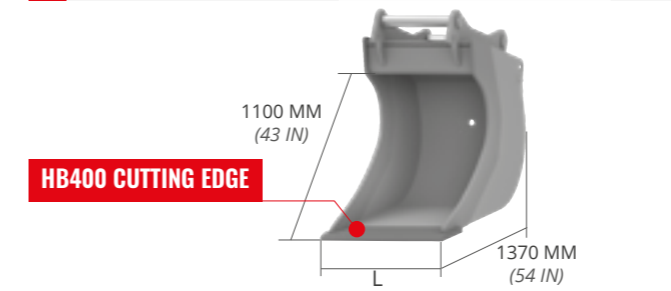


| L MM (IN) | WEIGHT KG* (LB*) | CAP. SAE L (GAL) | TEETH N° | ADAPTERS |
|-----------------|------------------------|------------------------|-------------|--------------|
| 400 (16) | 230 (507) | 245 (64,7) | 3 | AF - S - CM |
| | | | | CS - CW |
| | | | | CS JANUS PRO |
| 500 (20) | 268 (591) | 320 (84,5) | 3 | AF - S - CM |
| | | | | CS - CW |
| | | | | CS JANUS PRO |
| 600 (24) | 306 (675) | 398 (105,1) | 3 | AF - S - CM |
| | | | | CS - CW |
| | | | | CS JANUS PRO |

OPTIONAL

5
HB500 WELDED ADDITIONAL CUTTING EDGE

BS110 GD MACHINE WEIGHT 16,0 - 19,0 (35274 - 41887 lb)



| L MM (IN) | WEIGHT KG* (LB*) | CAP. SAE L (GAL) | TEETH N° | ADAPTERS |
|-----------------|------------------------|------------------------|-------------|--------------|
| 400 (16) | 300 (661) | 283 (74,8) | 3 | AF - S - CM |
| | | | | CS - CW |
| | | | | CS JANUS PRO |
| 500 (20) | 345 (761) | 372 (98,3) | 3 | AF - S - CM |
| | | | | CS - CW |
| | | | | CS JANUS PRO |
| 600 (24) | 390 (860) | 464 (122,6) | 3 | AF - S - CM |
| | | | | CS - CW |
| | | | | CS JANUS PRO |

OPTIONAL

5
HB500 WELDED ADDITIONAL CUTTING EDGE

* weight of the tank excluding attachment

* weight of the tank excluding attachment



HB400



ITS ELONGATED PROFILE AVOIDS THAT THE GROUND STICKS TO THE BUCKET'S SIDE WALLS AND SIMPLIFIES THE DISCHARGE OF LOAMY AND WET MATERIALS. ITS HOLLOW SIDE WALLS HELP THE CROSSING OF GAS AND HYDRAULIC PIPES OR PLANTS, ETC. THE BLADE IS MADE OF HB400 FOR A HIGHER RESISTANCE TO WEAR.



ADAPTERS



STANDARD TECHNICAL FEATURES

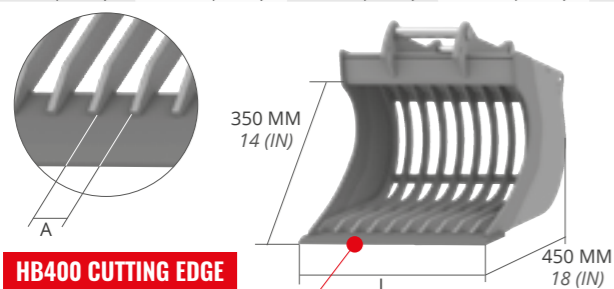
- 1 ELONGATED PROFILE
- 2 HB400 CUTTING EDGE
- 3 DC TEETH DTE TEETH

OPTIONAL

- 4 HB500 WELDED ADDITIONAL CUTTING EDGE
RECOMMENDED TO WORK ON PARTICULARLY ABRASIVE SOILS.

| MOD. | MIDI EXCAVATOR | | | | | | | | | | | |
|-----------|----------------------------|----------------------------|----------------------------|----------------------------|-----------------------------|------------------------------|------------------------------|-------------------------------|--------------------------------|--------------------------------|--------------------------------|--------------------------------|
| | VS 35GD | VS 40GD | VS 48GD | VS 60GD | VS 67GD | VS 71GD | VS 75GD | VS 80GD | VS 85GD | VS 92GD | VS 100GD | VS 110GD |
| TONS (LB) | 0,8 - 1,5 (1764 - 3307) | 1,5 - 2,0 (3307 - 4409) | 2,0 - 3,0 (4409 - 6614) | 3,0 - 4,0 (6614 - 8818) | 4,0 - 6,0 (8818 - 13228) | 6,0 - 7,5 (13228 - 16535) | 7,5 - 9,0 (16535 - 19842) | 9,0 - 12,0 (19842 - 26455) | 12,0 - 14,0 (26455 - 30865) | 12,0 - 14,0 (26455 - 30865) | 14,0 - 16,0 (30865 - 35274) | 16,0 - 19,0 (35274 - 41887) |

VS35 GD MACHINE WEIGHT 0,8 - 1,5 (1764 - 3307 lb)



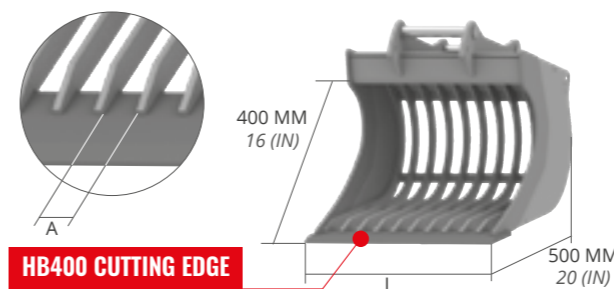
OPTIONAL

5

HB500 WELDED ADDITIONAL CUTTING EDGE

| L MM (IN) | A MM (IN) | WEIGHT KG* (LB*) | CAP. SAE L (GAL) | TEETH N° | ADAPTERS |
|-----------------|-----------------|------------------------|------------------------|-------------|-------------------|
| 500 (20) | 60 (2,4) | 33 (73) | 55 (14,5) | 4 | AF - AR - CS |
| | | | | | CR - S - CM |
| | | | | | CW - CS JANUS PRO |
| 600 (24) | 50 (2,0) | 38 (84) | 68 (17,9) | 4 | AF - AR - CS |
| | | | | | CR - S - CM |
| | | | | | CW - CS JANUS PRO |

VS40 GD MACHINE WEIGHT 1,5 - 2,0 (3307 - 4409 lb)



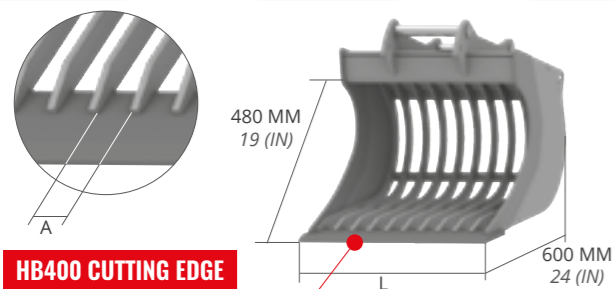
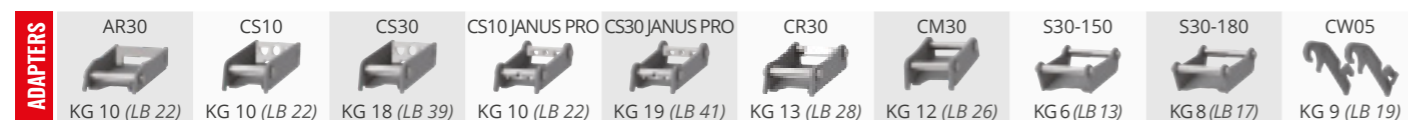
OPTIONAL

5

HB500 WELDED ADDITIONAL CUTTING EDGE

| L MM (IN) | A MM (IN) | WEIGHT KG* (LB*) | CAP. SAE L (GAL) | TEETH N° | ADAPTERS |
|-----------------|-----------------|------------------------|------------------------|-------------|-------------------|
| 500 (20) | 50 (2,0) | 39 (86) | 59 (15,5) | 4 | AF - AR - CS |
| | | | | | CR - S - CM |
| | | | | | CW - CS JANUS PRO |
| 600 (24) | 50 (2,0) | 45 (99) | 79 (20,8) | 4 | AF - AR - CS |
| | | | | | CR - S - CM |
| | | | | | CW - CS JANUS PRO |

VS48 GD MACHINE WEIGHT 2,0 - 3,0 (4409 - 6614 lb)



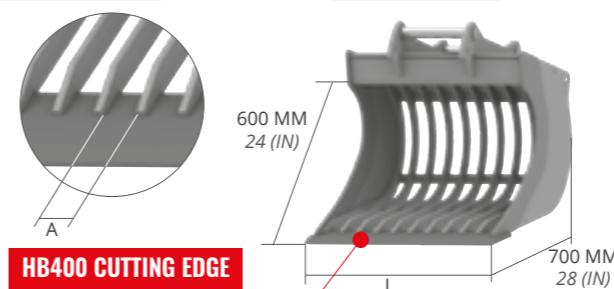
OPTIONAL

5

HB500 WELDED ADDITIONAL CUTTING EDGE

| L MM (IN) | A MM (IN) | WEIGHT KG* (LB*) | CAP. SAE L (GAL) | TEETH N° | ADAPTERS |
|-----------------|-----------------|------------------------|------------------------|-------------|-------------------|
| 600 (24) | 50 (2,0) | 70 (154) | 105 (27,7) | 4 | AF - AR - CS |
| | | | | | CR - S - CM |
| | | | | | CW - CS JANUS PRO |
| 800 (31) | 52 (2,1) | 94 (207) | 152 (40,1) | 5 | AF - AR - CS |
| | | | | | CR - S - CM |
| | | | | | CW - CS JANUS PRO |

VS60 GD MACHINE WEIGHT 3,0 - 4,0 (6614 - 8818 lb)



OPTIONAL

5

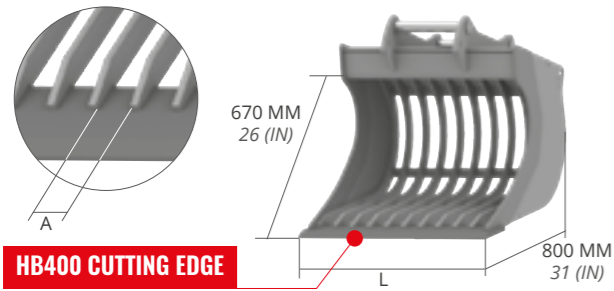
HB500 WELDED ADDITIONAL CUTTING EDGE

| L MM (IN) | A MM (IN) | WEIGHT KG* (LB*) | CAP. SAE L (GAL) | TEETH N° | ADAPTERS |
|-----------------|-----------------|------------------------|------------------------|-------------|-------------------|
| 600 (24) | 51 (2,0) | 89 (196) | 151 (39,9) | 4 | AF - AR - CS |
| | | | | | CR - S - CM |
| | | | | | CW - CS JANUS PRO |
| 700 (28) | 55 (2,2) | 99 (218) | 184 (48,6) | 5 | AF - AR - CS |
| | | | | | CR - S - CM |
| | | | | | CW - CS JANUS PRO |
| 800 (31) | 52 (2,1) | 113 (249) | 222 (58,6) | 5 | AF - AR - CS |
| | | | | | CR - S - CM |
| | | | | | CW - CS JANUS PRO |

* weight of the tank excluding attachment

* weight of the tank excluding attachment

VS67 GD MACHINE WEIGHT 4,0 - 6,0 (8818 - 13228 lb)



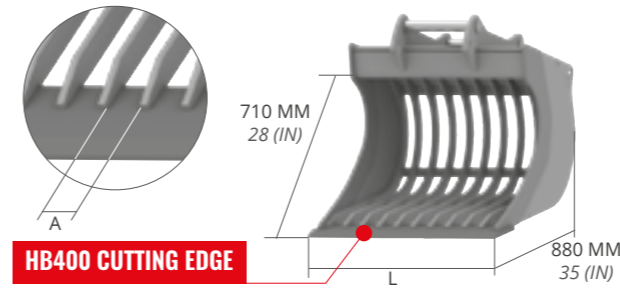
OPTIONAL

5

HB500 WELDED ADDITIONAL CUTTING EDGE

| L MM (IN) | A MM (IN) | WEIGHT KG* (LB*) | CAP. SAE L (GAL) | TEETH N° | ADAPTERS |
|-----------------|-----------------|------------------------|------------------------|-------------|-------------------|
| 800 (31) | 61 (2,4) | 150 (331) | 261 (68,9) | 5 | AF - AR - CS |
| | | | | | CR - S - CM |
| | | | | | CW - CS JANUS PRO |
| 900 (35) | 57 (2,2) | 169 (373) | 306 (80,8) | 6 | AF - AR - CS |
| | | | | | CR - S - CM |
| | | | | | CW - CS JANUS PRO |
| 1000 (39) | 60 (2,4) | 184 (406) | 351 (92,7) | 6 | AF - AR - CS |
| | | | | | CR - S - CM |
| | | | | | CW - CS JANUS PRO |

VS71 GD MACHINE WEIGHT 6,0 - 7,5 (13228 - 16535 lb)



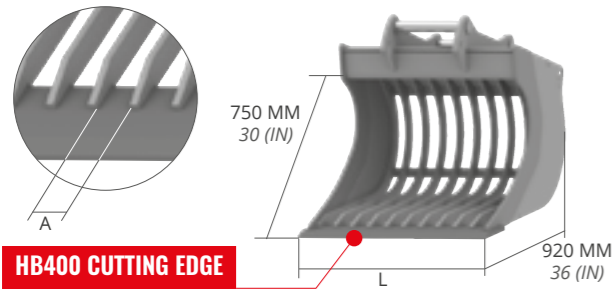
OPTIONAL

5

HB500 WELDED ADDITIONAL CUTTING EDGE

| L MM (IN) | A MM (IN) | WEIGHT KG* (LB*) | CAP. SAE L (GAL) | TEETH N° | ADAPTERS |
|-----------------|-----------------|------------------------|------------------------|-------------|-------------------|
| 800 (31) | 61 (2,4) | 190 (419) | 304 (80,3) | 5 | AF - AR - CS |
| | | | | | CR - S - CM |
| | | | | | CW - CS JANUS PRO |
| 900 (35) | 57 (2,2) | 213 (470) | 353 (93,3) | 5 | AF - AR - CS |
| | | | | | CR - S - CM |
| | | | | | CW - CS JANUS PRO |
| 1000 (39) | 60 (2,4) | 232 (511) | 410 (108,3) | 5 | AF - AR - CS |
| | | | | | CR - S - CM |
| | | | | | CW - CS JANUS PRO |

VS75 GD MACHINE WEIGHT 7,5 - 9,0 (16535 - 1982 lb)



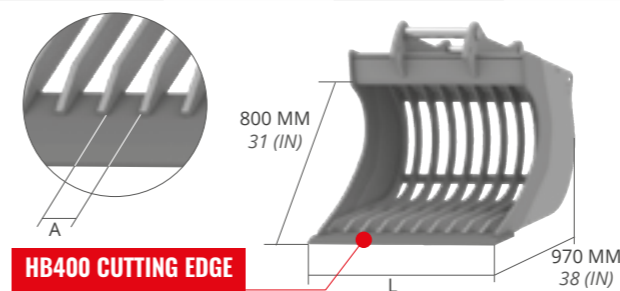
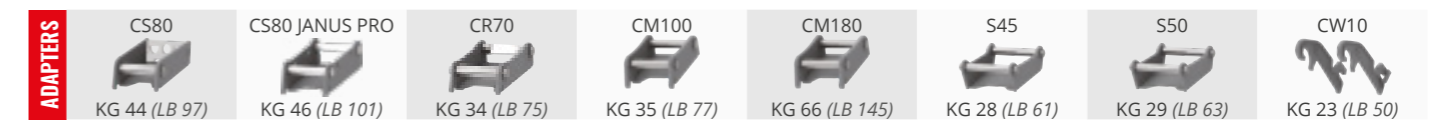
OPTIONAL

5

HB500 WELDED ADDITIONAL CUTTING EDGE

| L MM (IN) | A MM (IN) | WEIGHT KG* (LB*) | CAP. SAE L (GAL) | TEETH N° | ADAPTERS |
|-----------------|-----------------|------------------------|------------------------|-------------|-------------------|
| 800 (31) | 73 (2,8) | 198 (437) | 321 (84,8) | 5 | AF - CS |
| | | | | | CR - S - CM |
| | | | | | CW - CS JANUS PRO |
| 900 (35) | 74 (2,9) | 218 (481) | 372 (98,3) | 5 | AF - CS |
| | | | | | CR - S - CM |
| | | | | | CW - CS JANUS PRO |
| 1000 (39) | 75 (2,9) | 240 (529) | 427 (112,8) | 5 | AF - CS |
| | | | | | CR - S - CM |
| | | | | | CW - CS JANUS PRO |

VS80 GD MACHINE WEIGHT 9,0 - 12,0 (1982 - 26455 lb)



OPTIONAL

5

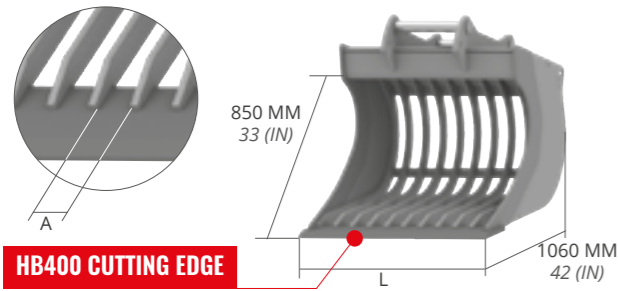
HB500 WELDED ADDITIONAL CUTTING EDGE

| L MM (IN) | A MM (IN) | WEIGHT KG* (LB*) | CAP. SAE L (GAL) | TEETH N° | ADAPTERS |
|-----------------|-----------------|------------------------|------------------------|-------------|-------------------|
| 1000 (39) | 75 (2,9) | 274 (604) | 479 (126,5) | 5 | AF - CS |
| | | | | | CR - S - CM |
| | | | | | CW - CS JANUS PRO |
| 1100 (43) | 76 (3,0) | 297 (655) | 539 (142,3) | 5 | AF - CS |
| | | | | | CR - S - CM |
| | | | | | CW - CS JANUS PRO |
| 1200 (47) | 77 (3,0) | 320 (705) | 610 (161,1) | 6 | AF - CS |
| | | | | | CR - S - CM |
| | | | | | CW - CS JANUS PRO |

* weight of the tank excluding attachment

* weight of the tank excluding attachment

VS85 GD MIDI MACHINE WEIGHT 12,0 - 14,0 (26455 - 30865 lb)



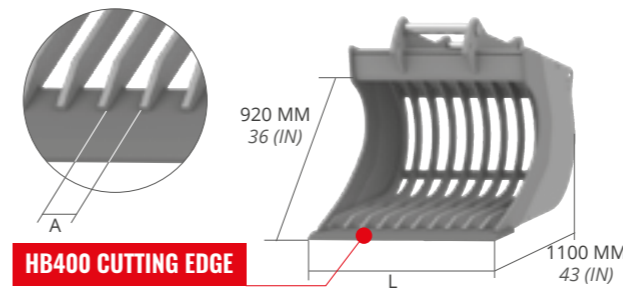
OPTIONAL

5

HB500 WELDED ADDITIONAL CUTTING EDGE

| L MM (IN) | A MM (IN) | WEIGHT KG* (LB*) | CAP. SAE L (GAL) | TEETH N° | ADAPTERS |
|-----------------|-----------------|------------------------|------------------------|-------------|--------------|
| 1000 (39) | 80 (3,1) | 320 (705) | 562 (148,5) | 5 | AF - S - CM |
| | | | | | CS - CW |
| | | | | | CS JANUS PRO |
| 1200 (47) | 80 (3,1) | 375 (827) | 723 (191,0) | 6 | AF - S - CM |
| | | | | | CS - CW |
| | | | | | CS JANUS PRO |
| 1300 (51) | 80 (3,1) | 402 (886) | 803 (212,1) | 6 | AF - S - CM |
| | | | | | CS - CW |
| | | | | | CS JANUS PRO |

VS92 GD EXCAVATOR MACHINE WEIGHT 12,0 - 14,0 (26455 - 30865 lb)



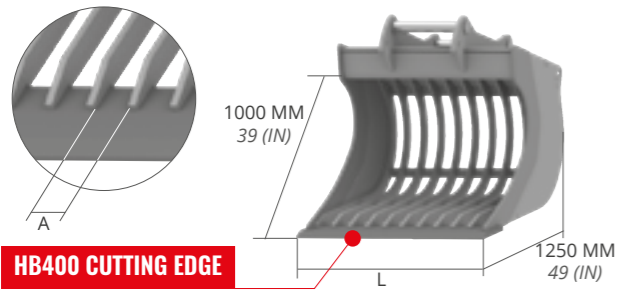
OPTIONAL

5

HB500 WELDED ADDITIONAL CUTTING EDGE

| L MM (IN) | A MM (IN) | WEIGHT KG* (LB*) | CAP. SAE L (GAL) | TEETH N° | ADAPTERS |
|-----------------|-----------------|------------------------|------------------------|-------------|--------------|
| 1200 (47) | 80 (3,1) | 416 (917) | 783 (206,8) | 5 | AF - S - CM |
| | | | | | CS - CW |
| | | | | | CS JANUS PRO |
| 1300 (51) | 80 (3,1) | 438 (965) | 878 (231,9) | 6 | AF - S - CM |
| | | | | | CS - CW |
| | | | | | CS JANUS PRO |
| 1400 (55) | 80 (3,1) | 460 (1014) | 973 (257,0) | 6 | AF - S - CM |
| | | | | | CS - CW |
| | | | | | CS JANUS PRO |

VS100 GD MACHINE WEIGHT 14,0 - 16,0 (30865 - 35274 lb)



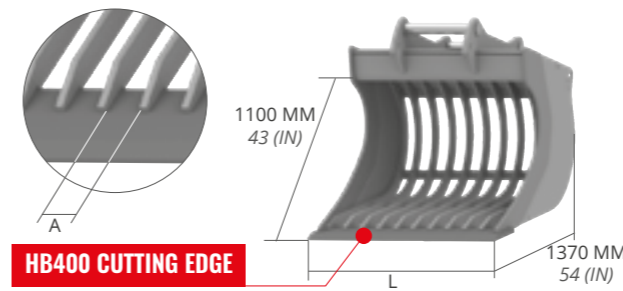
OPTIONAL

5

HB500 WELDED ADDITIONAL CUTTING EDGE

| L MM (IN) | A MM (IN) | WEIGHT KG* (LB*) | CAP. SAE L (GAL) | TEETH N° | ADAPTERS |
|-----------------|-----------------|------------------------|------------------------|-------------|--------------|
| 1200 (47) | 100 (3,9) | 570 (1257) | 909 (240,1) | 5 | AF - S - CM |
| | | | | | CS - CW |
| | | | | | CS JANUS PRO |
| 1300 (51) | 100 (3,9) | 615 (1356) | 1004 (265,2) | 6 | AF - S - CM |
| | | | | | CS - CW |
| | | | | | CS JANUS PRO |
| 1400 (55) | 100 (3,9) | 660 (1455) | 1108 (292,7) | 6 | AF - S - CM |
| | | | | | CS - CW |
| | | | | | CS JANUS PRO |

VS110 GD MACHINE WEIGHT 16,0 - 19,0 (35274 - 41887 lb)



OPTIONAL

5

HB500 WELDED ADDITIONAL CUTTING EDGE

| L MM (IN) | A MM (IN) | WEIGHT KG* (LB*) | CAP. SAE L (GAL) | TEETH N° | ADAPTERS |
|-----------------|-----------------|------------------------|------------------------|-------------|--------------|
| 1200 (47) | 100 (3,9) | 670 (1477) | 1064 (281,1) | 5 | AF - S - CM |
| | | | | | CS - CW |
| | | | | | CS JANUS PRO |
| 1300 (51) | 100 (3,9) | 720 (1587) | 1173 (309,9) | 6 | AF - S - CM |
| | | | | | CS - CW |
| | | | | | CS JANUS PRO |
| 1400 (55) | 100 (3,9) | 770 (1698) | 1288 (340,3) | 6 | AF - S - CM |
| | | | | | CS - CW |
| | | | | | CS JANUS PRO |

* weight of the tank excluding attachment

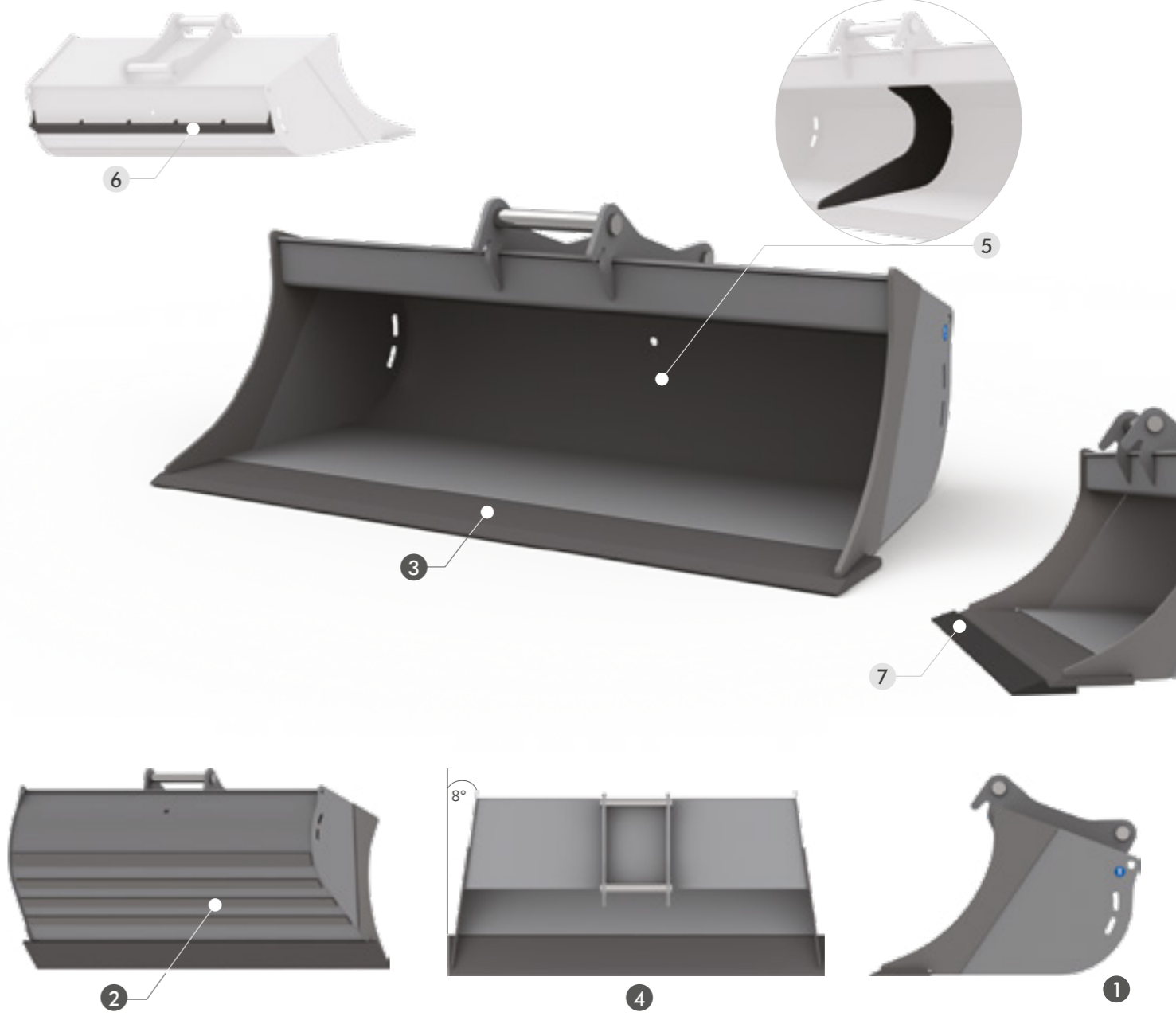
* weight of the tank excluding attachment



HB400



ADAPTERS



STANDARD TECHNICAL FEATURES

- 1 **ELONGATED PROFILE**
- 2 **REINFORCING STRIPS**
IT ENSURES A HIGHER STRUCTURAL RESISTANCE. HIGHLY RECOMMENDED WITH BUCKETS 1400MM WIDE OR MORE.
- 3 **HB400 CUTTING EDGE**
- 4 **8° CONE SHAPE**

OPTIONAL

- 5 **BEZEL**
IT ENSURES A HIGHER STRUCTURAL RESISTANCE. HIGHLY RECOMMENDED WITH BUCKETS 1400MM WIDE OR MORE.
- 6 **REAR RAZOR**
WHEN THE MACHINE'S ARM IS KEPT CLOSED, IT ALLOWS TO FINISH SURFACES EVENLY.
- 7 **HB500 WELDED ADDITIONAL CUTTING EDGE**
RECOMMENDED TO WORK ON PARTICULARLY ABRASIVE SOILS.

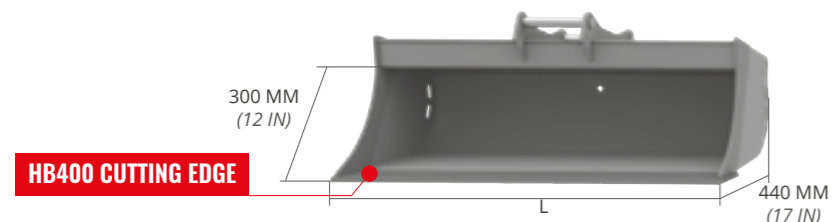
THE SPECIAL HOLLOW PROFILE MAKES IT SUITABLE FOR A COMBINED USAGE WITH THE ROTOTWIST SYSTEM. THE 8° CONE-SHAPE REAR FORM ENABLES THE BUCKET TO ROTATE INSIDE THE EXCAVATION AREA WITHOUT SPOILING IT. THE BLADE IS MADE OF HB400 FOR A HIGHER RESISTANCE TO WEAR.

THE INSTALLATION OF BEZELS IS HIGHLY RECOMMENDED FOR BUCKETS WIDER THAN 1400 MM, IN ORDER TO AVOID DAMAGES TO THE BUCKET IN CASE OF HEAVY DUTY JOBS OR WITH PARTICULARLY HARD TERRAINS:

- WIDTH FROM 1400 TO 1600 MM: NR. 1 BEZEL
- WIDTH FROM 1800 TO 2200 MM: NR. 2 BEZELS

| MOD. | SPS 30 8°GD | SPS 35 8°GD | SPS 40 8°GD | SPS 45 8°GD | SPS 50 8°GD | SPS 55 8°GD | SPS 60 8°GD | SPS 65 8°GD | SPS 70 8°GD |
|-----------|----------------------------|----------------------------|----------------------------|----------------------------|-----------------------------|------------------------------|-------------------------------|--------------------------------|--------------------------------|
| TONS (LB) | 0,8 - 1,5 (1764 - 3307) | 1,5 - 2,0 (3307 - 4409) | 2,0 - 3,0 (4409 - 6614) | 3,0 - 4,0 (6614 - 8818) | 4,0 - 6,0 (8818 - 13228) | 6,0 - 7,5 (13228 - 16535) | 7,5 - 10,0 (16535 - 22046) | 10,0 - 14,0 (22046 - 30865) | 14,0 - 19,0 (30865 - 41887) |

SPS30 8°GD MACHINE WEIGHT 0,8 - 1,5 (1764 - 3307 lb)



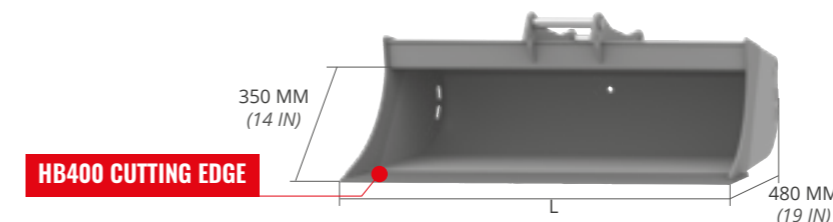
HB400 CUTTING EDGE

| L MM (IN) | WEIGHT KG* (LB*) | CAP. SAE L (GAL) | ADAPTERS |
|-----------------|------------------------|------------------------|--|
| 600 (24) | 29 (64) | 42 (11,1) | AF - AR - CS CR - S - CM CW - CS JANUS PRO |
| 700 (28) | 34 (75) | 50 (13,2) | AF - AR - CS CR - S - CM CW - CS JANUS PRO |
| 800 (31) | 38 (84) | 58 (22,4) | AF - AR - CS CR - S - CM CW - CS JANUS PRO |

OPTIONAL

| 6 | 7 |
|------------|--------------------------------------|
| REAR RAZOR | HB500 WELDED ADDITIONAL CUTTING EDGE |

SPS35 8°GD MACHINE WEIGHT 1,5 - 2,0 (3307 - 4409 lb)



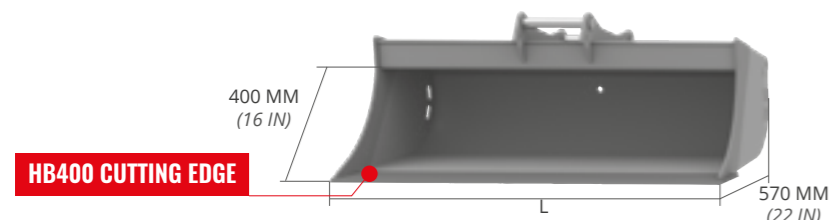
HB400 CUTTING EDGE

| L MM (IN) | WEIGHT KG* (LB*) | CAP. SAE L (GAL) | ADAPTERS |
|-----------------|------------------------|------------------------|--|
| 800 (31) | 47 (104) | 75 (19,8) | AF - AR - CS CR - S - CM CW - CS JANUS PRO |
| 900 (35) | 52 (115) | 85 (22,4) | AF - AR - CS CR - S - CM CW - CS JANUS PRO |
| 1000 (39) | 58 (128) | 95 (25,1) | AF - AR - CS CR - S - CM CW - CS JANUS PRO |
| 1200 (47) | 70 (154) | 115 (30,4) | AF - AR - CS CR - S - CM CW - CS JANUS PRO |

OPTIONAL

| 6 | 7 |
|------------|--------------------------------------|
| REAR RAZOR | HB500 WELDED ADDITIONAL CUTTING EDGE |

SPS40 8°GD MACHINE WEIGHT 2,0 - 3,0 (4409 - 6614 lb)



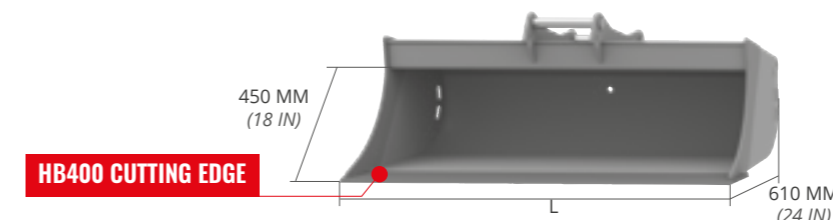
HB400 CUTTING EDGE

| L MM (IN) | WEIGHT KG* (LB*) | CAP. SAE L (GAL) | ADAPTERS |
|-----------------|------------------------|------------------------|--|
| 1000 (39) | 78 (172) | 115 (30,4) | AF - AR - CS CR - S - CM CW - CS JANUS PRO |
| 1100 (43) | 86 (189) | 129 (34,1) | AF - AR - CS CR - S - CM CW - CS JANUS PRO |
| 1200 (47) | 93 (205) | 143 (37,8) | AF - AR - CS CR - S - CM CW - CS JANUS PRO |
| 1400 (55) | 109 (240) | 157 (41,5) | AF - AR - CS CR - S - CM CW - CS JANUS PRO |

OPTIONAL

| 6 | 7 |
|------------|--------------------------------------|
| REAR RAZOR | HB500 WELDED ADDITIONAL CUTTING EDGE |

SPS45 8°GD MACHINE WEIGHT 3,0 - 4,0 (6614 - 8818 lb)



HB400 CUTTING EDGE

| L MM (IN) | WEIGHT KG* (LB*) | CAP. SAE L (GAL) | ADAPTERS |
|-----------------|------------------------|------------------------|--|
| 1000 (39) | 95 (209) | 132 (34,9) | AF - AR - CS CR - S - CM CW - CS JANUS PRO |
| 1100 (43) | 104 (229) | 150 (39,6) | AF - AR - CS CR - S - CM CW - CS JANUS PRO |
| 1200 (47) | 110 (242) | 168 (44,4) | AF - AR - CS CR - S - CM CW - CS JANUS PRO |
| 1400 (55) | 131 (289) | 204 (53,9) | AF - AR - CS CR - S - CM CW - CS JANUS PRO |
| 1500 (59) | 142 (313) | 222 (58,6) | AF - AR - CS CR - S - CM CW - CS JANUS PRO |

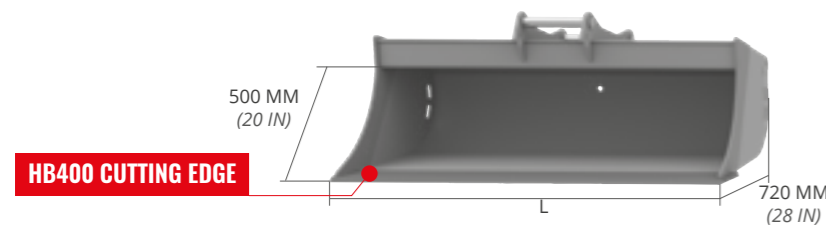
OPTIONAL

| 6 | 7 |
|------------|--------------------------------------|
| REAR RAZOR | HB500 WELDED ADDITIONAL CUTTING EDGE |

* weight of the tank excluding attachment

* weight of the tank excluding attachment

SPS50 8°GD MACHINE WEIGHT 4,0 - 6,0 (8818 - 13228 lb)

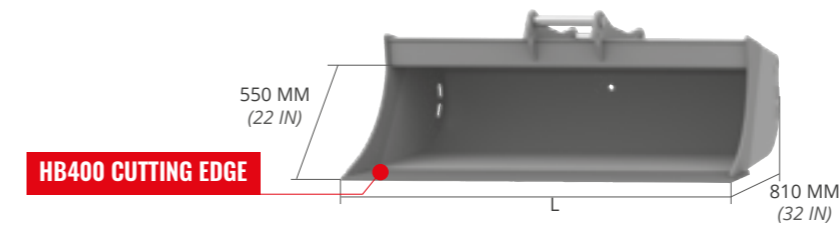


| L MM (IN) | WEIGHT KG* (LB*) | CAP. SAE L (GAL) | ADAPTERS |
|-----------------|------------------------|------------------------|--|
| 1200 (47) | 141 (311) | 210 (55,5) | AF - AR - CS CR - S - CM CW - CS JANUS PRO |
| 1300 (51) | 152 (335) | 230 (60,8) | AF - AR - CS CR - S - CM CW - CS JANUS PRO |
| 1400 (55) | 163 (359) | 250 (66,0) | AF - AR - CS CR - S - CM CW - CS JANUS PRO |
| 1600 (63) | 185 (408) | 290 (76,7) | AF - AR - CS CR - S - CM CW - CS JANUS PRO |

OPTIONAL

| 5 | 6 | 7 |
|-------|------------|--|
| BEZEL | REAR RAZOR | HB500 WELDED ADDITIONAL CUTTING EDGE |

SPS55 8°GD MACHINE WEIGHT 6,0 - 7,5 (13228 - 16535 lb)

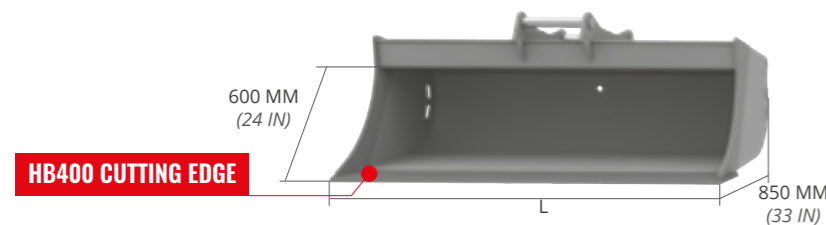


| L MM (IN) | WEIGHT KG* (LB*) | CAP. SAE L (GAL) | ADAPTERS |
|-----------------|------------------------|------------------------|--|
| 1300 (51) | 184 (406) | 300 (79,2) | AF - AR - CS CR - S - CM CW - CS JANUS PRO |
| 1400 (55) | 198 (437) | 325 (85,6) | AF - AR - CS CR - S - CM CW - CS JANUS PRO |
| 1500 (59) | 212 (467) | 350 (92,4) | AF - AR - CS CR - S - CM CW - CS JANUS PRO |
| 1600 (63) | 225 (496) | 375 (99,1) | AF - AR - CS CR - S - CM CW - CS JANUS PRO |
| 1800 (71) | 252 (556) | 425 (112,3) | AF - AR - CS CR - S - CM CW - CS JANUS PRO |

OPTIONAL

| 5 | 6 | 7 |
|-------|------------|--|
| BEZEL | REAR RAZOR | HB500 WELDED ADDITIONAL CUTTING EDGE |

SPS60 8°GD MACHINE WEIGHT 7,5 - 10,0 (16535 - 22046 lb)

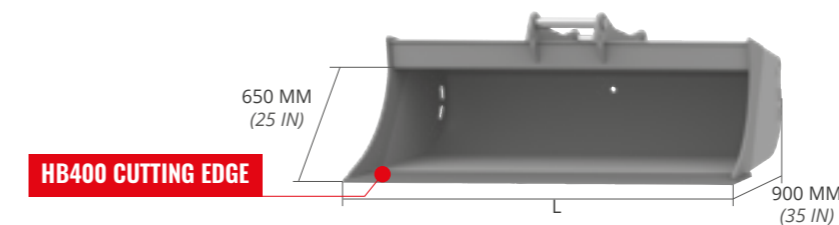


| L MM (IN) | WEIGHT KG* (LB*) | CAP. SAE L (GAL) | ADAPTERS |
|-----------------|------------------------|------------------------|---|
| 1400 (55) | 224 (494) | 360 (95,1) | AF - CS CR - S - CM CW - CS JANUS PRO |
| 1500 (59) | 239 (527) | 400 (105,7) | AF - CS CR - S - CM CW - CS JANUS PRO |
| 1600 (63) | 254 (560) | 430 (113,6) | AF - CS CR - S - CM CW - CS JANUS PRO |
| 1800 (71) | 282 (622) | 490 (129,4) | AF - CS CR - S - CM CW - CS JANUS PRO |
| 2000 (79) | 317 (699) | 550 (145,3) | AF - CS CR - S - CM CW - CS JANUS PRO |

OPTIONAL

| 5 | 6 | 7 |
|-------|------------|--|
| BEZEL | REAR RAZOR | HB500 WELDED ADDITIONAL CUTTING EDGE |

SPS65 8°GD MACHINE WEIGHT 10,0 - 14,0 (22046 - 30865 lb)



| L MM (IN) | WEIGHT KG* (LB*) | CAP. SAE L (GAL) | ADAPTERS |
|-----------------|------------------------|------------------------|--|
| 1400 (55) | 291 (642) | 466 (123,1) | AF - S - CM CS - CW CS JANUS PRO |
| 1500 (59) | 312 (688) | 500 (132,1) | AF - S - CM CS - CW CS JANUS PRO |
| 1600 (63) | 332 (732) | 534 (141,1) | AF - S - CM CS - CW CS JANUS PRO |
| 1800 (71) | 373 (822) | 602 (159,1) | AF - S - CM CS - CW CS JANUS PRO |
| 2000 (79) | 413 (911) | 670 (176,1) | AF - S - CM CS - CW CS JANUS PRO |

OPTIONAL

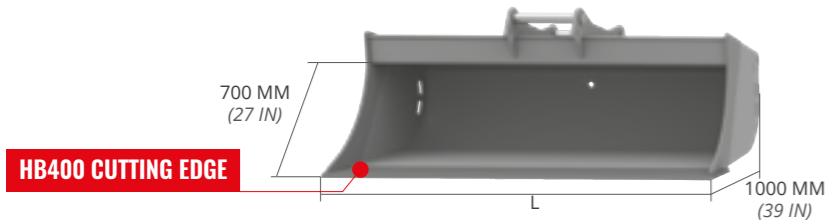
| 5 | 6 | 7 |
|-------|------------|--|
| BEZEL | REAR RAZOR | HB500 WELDED ADDITIONAL CUTTING EDGE |

* weight of the tank excluding attachment

* weight of the tank excluding attachment

SPS70 8°GD MACHINE WEIGHT 14,0 - 19,0 (30865 - 41887 lb)

| ADAPTERS | CS100 | CS100 JANUS PRO | CM180 | S60 | CW30 |
|----------|---|---|---|--|---|
| |  |  |  |  |  |
| | KG 45 (LB 99) | KG 93 (LB 205) | KG 66 (LB 145) | KG 57 (LB 125) | KG 66 (LB 145) |



HB400 CUTTING EDGE

OPTIONAL

| L MM (IN) | WEIGHT KG* (LB*) | CAP. SAE L (GAL) | ADAPTERS |
|-----------------|------------------------|------------------------|--------------|
| 1500 (59) | 385 (849) | 600 (158,5) | AF - S - CM |
| | | | CS - CW |
| 1600 (63) | 410 (904) | 640 (169,1) | CS JANUS PRO |
| | | | AF - S - CM |
| | | | CS - CW |
| 1800 (71) | 460 (1014) | 720 (190,2) | CS JANUS PRO |
| | | | AF - S - CM |
| | | | CS - CW |
| 2000 (79) | 508 (1120) | 800 (211,3) | CS JANUS PRO |
| | | | AF - S - CM |
| | | | CS - CW |
| 2200 (87) | 554 (1221) | 880 (232,5) | CS JANUS PRO |
| | | | AF - S - CM |
| | | | CS - CW |

| | | |
|-------|------------|--|
| 5 | 6 | 7 |
| BEZEL | REAR RAZOR | HB500 WELDED ADDITIONAL CUTTING EDGE |



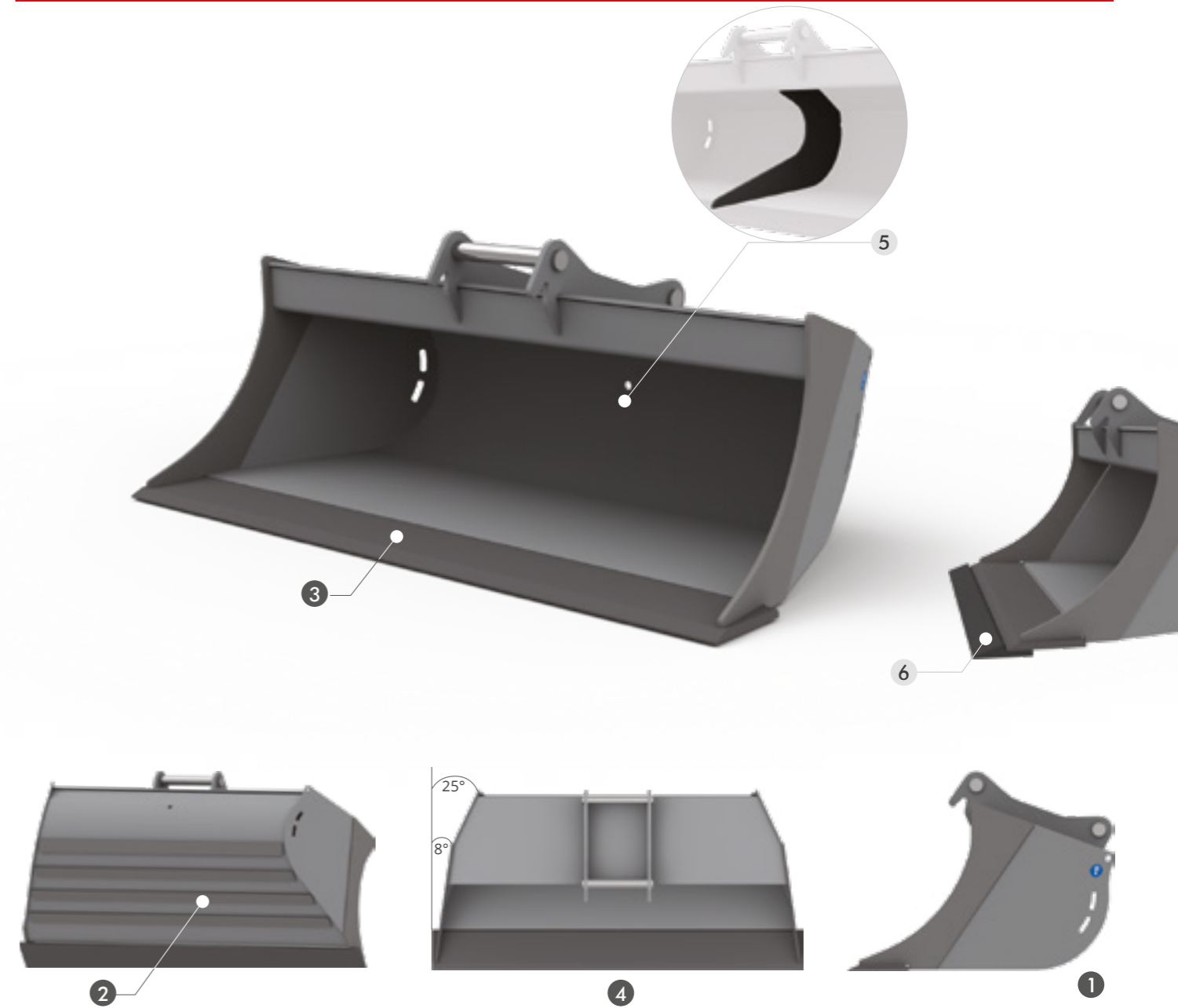
* weight of the tank excluding attachment



HB400



ADAPTERS



STANDARD TECHNICAL FEATURES

- 1 **ELONGATED PROFILE**
- 2 **REINFORCING STRIPS**
THE HORIZONTAL REINFORCING STRIPS ON THE BUCKET'S REAR AND BOTTOM PROTECT THE BUCKET FROM WEAR AND INCREASE ITS RESISTANCE.
- 3 **HB400 CUTTING EDGE**
- 4 **8° CONE SHAPE AND 25° HOLLOW PROFILE**

OPTIONAL

- 5 **BEZEL**
IT ENSURES A HIGHER STRUCTURAL RESISTANCE. **HIGHLY RECOMMENDED WITH BUCKETS 1400MM WIDE OR MORE.**
- 6 **HB500 WELDED ADDITIONAL CUTTING EDGE**
RECOMMENDED TO WORK ON PARTICULARLY ABRASIVE SOILS.

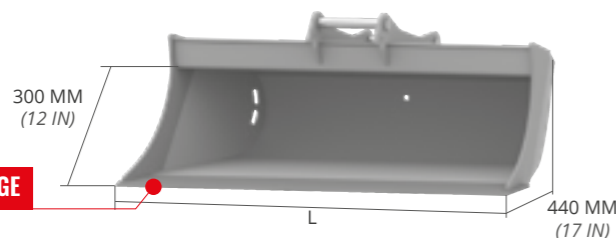
THE SPECIAL 25° HOLLOW PROFILE MAKES IT SUITABLE FOR A COMBINED USAGE WITH THE ROTOTWIST SYSTEM. THE 8° CONE-SHAPE REAR FORM ENABLES THE BUCKET TO ROTATE INSIDE THE EXCAVATION AREA WITHOUT SPOILING IT. THE BLADE IS MADE OF HB400 FOR A HIGHER RESISTANCE TO WEAR.

THE INSTALLATION OF BEZELS IS HIGHLY RECOMMENDED FOR BUCKETS WIDER THAN 1400 MM, IN ORDER TO AVOID DAMAGES TO THE BUCKET IN CASE OF HEAVY DUTY JOBS OR WITH PARTICULARLY HARD TERRAINS:

- WIDTH FROM 1400 TO 1600 MM: NR. 1 BEZEL
- WIDTH FROM 1800 TO 2200 MM: NR. 2 BEZELS

| MOD. | SPS 30 25°GD | SPS 35 25°GD | SPS 40 25°GD | SPS 45 25°GD | SPS 50 25°GD | SPS 55 25°GD | SPS 60 25°GD | SPS 65 25°GD | SPS 70 25°GD |
|-----------|----------------------------|----------------------------|----------------------------|----------------------------|-----------------------------|------------------------------|-------------------------------|--------------------------------|--------------------------------|
| TONS (LB) | 0,8 - 1,5 (1764 - 3307) | 1,5 - 2,0 (3307 - 4409) | 2,0 - 3,0 (4409 - 6614) | 3,0 - 4,0 (6614 - 8818) | 4,0 - 6,0 (8818 - 13228) | 6,0 - 7,5 (13228 - 16535) | 7,5 - 10,0 (16535 - 22046) | 10,0 - 14,0 (19842 - 30865) | 14,0 - 19,0 (30865 - 41887) |

SPS30 25°GD MACHINE WEIGHT 0,8 - 1,5 (1764 - 3307 lb)



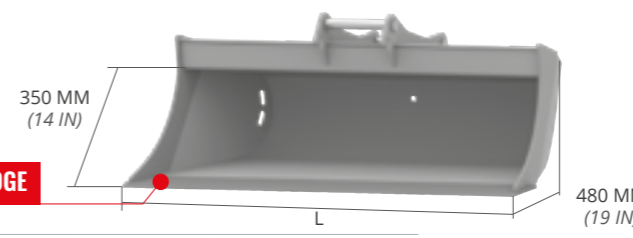
HB400 CUTTING EDGE

| L MM (IN) | WEIGHT KG* (LB*) | CAP. SAE L (GAL) | ADAPTERS |
|-----------------|------------------------|------------------------|--|
| 600 (24) | 27 (59) | 41 (10,8) | AF - AR - CS CR - S - CM CW - CS JANUS PRO |
| 700 (28) | 32 (70) | 49 (12,9) | AF - AR - CS CR - S - CM CW - CS JANUS PRO |
| 800 (31) | 36 (79) | 57 (15,0) | AF - AR - CS CR - S - CM CW - CS JANUS PRO |

OPTIONAL

6
HB500 WELDED ADDITIONAL CUTTING EDGE

SPS35 25°GD MACHINE WEIGHT 1,5 - 2,0 (3307 - 4409 lb)



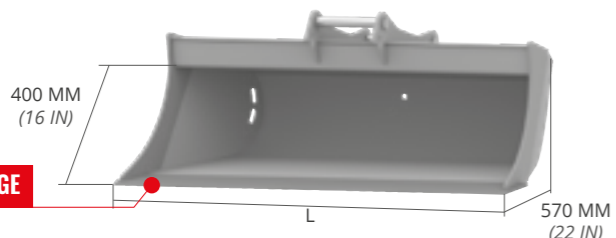
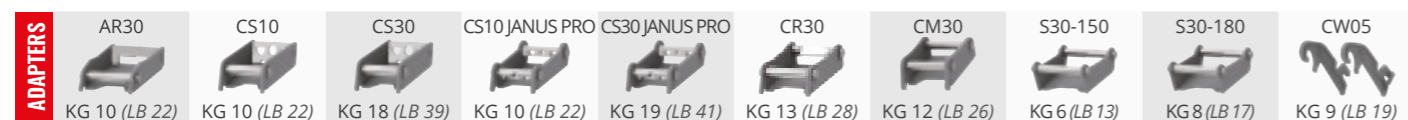
HB400 CUTTING EDGE

| L MM (IN) | WEIGHT KG* (LB*) | CAP. SAE L (GAL) | ADAPTERS |
|-----------------|------------------------|------------------------|--|
| 800 (31) | 45 (99) | 74 (19,5) | AF - AR - CS CR - S - CM CW - CS JANUS PRO |
| 900 (35) | 50 (110) | 84 (22,1) | AF - AR - CS CR - S - CM CW - CS JANUS PRO |
| 1000 (39) | 56 (123) | 94 (24,8) | AF - AR - CS CR - S - CM CW - CS JANUS PRO |
| 1200 (47) | 68 (150) | 114 (30,1) | AF - AR - CS CR - S - CM CW - CS JANUS PRO |

OPTIONAL

6
HB500 WELDED ADDITIONAL CUTTING EDGE

SPS40 25°GD MACHINE WEIGHT 2,0 - 3,0 (4409 - 6614 lb)



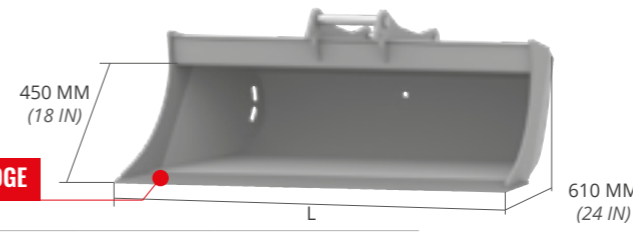
HB400 CUTTING EDGE

| L MM (IN) | WEIGHT KG* (LB*) | CAP. SAE L (GAL) | ADAPTERS |
|-----------------|------------------------|------------------------|--|
| 1000 (39) | 75 (165) | 113 (29,8) | AF - AR - CS CR - S - CM CW - CS JANUS PRO |
| 1100 (43) | 83 (183) | 127 (33,5) | AF - AR - CS CR - S - CM CW - CS JANUS PRO |
| 1200 (47) | 90 (198) | 141 (37,2) | AF - AR - CS CR - S - CM CW - CS JANUS PRO |
| 1400 (55) | 106 (352) | 155 (40,9) | AF - AR - CS CR - S - CM CW - CS JANUS PRO |

OPTIONAL

6
HB500 WELDED ADDITIONAL CUTTING EDGE

SPS45 25°GD MACHINE WEIGHT 3,0 - 4,0 (6614 - 8818 lb)



HB400 CUTTING EDGE

| L MM (IN) | WEIGHT KG* (LB*) | CAP. SAE L (GAL) | ADAPTERS |
|-----------------|------------------------|------------------------|--|
| 1000 (39) | 91 (201) | 129 (34,0) | AF - AR - CS CR - S - CM CW - CS JANUS PRO |
| 1100 (43) | 100 (220) | 147 (38,8) | AF - AR - CS CR - S - CM CW - CS JANUS PRO |
| 1200 (47) | 106 (234) | 165 (43,6) | AF - AR - CS CR - S - CM CW - CS JANUS PRO |
| 1400 (55) | 127 (280) | 201 (53,1) | AF - AR - CS CR - S - CM CW - CS JANUS PRO |
| 1500 (59) | 138 (304) | 219 (57,8) | AF - AR - CS CR - S - CM CW - CS JANUS PRO |

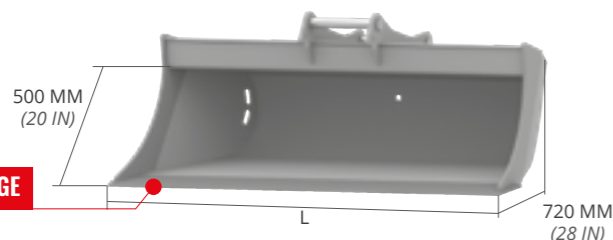
OPTIONAL

6
HB500 WELDED ADDITIONAL CUTTING EDGE

* weight of the tank excluding attachment

* weight of the tank excluding attachment

SPS50 25°GD MACHINE WEIGHT 4,0 - 6,0 (8818 - 13228 lb)



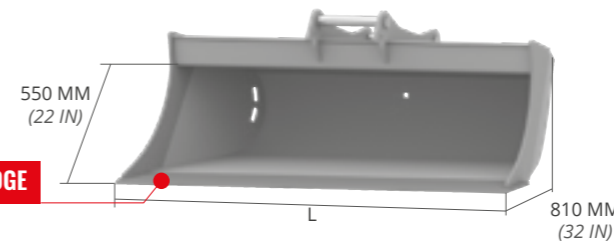
HB400 CUTTING EDGE

OPTIONAL

| L MM (IN) | WEIGHT KG* (LB*) | CAP. SAE L (GAL) | ADAPTERS |
|-----------------|------------------------|------------------------|--|
| 1200 (47) | 136 (300) | 204 (53,8) | AF - AR - CS CR - S - CM CW - CS JANUS PRO |
| 1300 (51) | 147 (324) | 224 (59,1) | AF - AR - CS CR - S - CM CW - CS JANUS PRO |
| 1400 (55) | 158 (348) | 244 (64,4) | AF - AR - CS CR - S - CM CW - CS JANUS PRO |
| 1600 (63) | 180 (397) | 284 (75,0) | AF - AR - CS CR - S - CM CW - CS JANUS PRO |

| 5 BEZEL | 6 HB500 WELDED ADDITIONAL CUTTING EDGE |
|------------|--|
|------------|--|

SPS55 25°GD MACHINE WEIGHT 6,0 - 7,5 (13228 - 16535 lb)



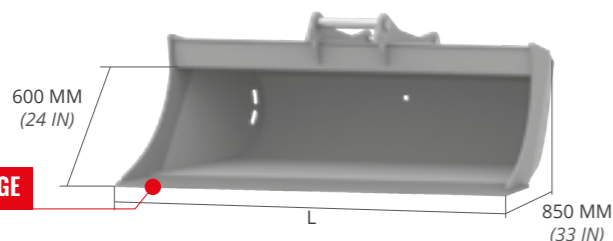
HB400 CUTTING EDGE

OPTIONAL

| L MM (IN) | WEIGHT KG* (LB*) | CAP. SAE L (GAL) | ADAPTERS |
|-----------------|------------------------|------------------------|--|
| 1300 (51) | 177 (390) | 290 (76,6) | AF - AR - CS CR - S - CM CW - CS JANUS PRO |
| 1400 (55) | 191 (421) | 315 (83,2) | AF - AR - CS CR - S - CM CW - CS JANUS PRO |
| 1500 (59) | 205 (452) | 340 (89,8) | AF - AR - CS CR - S - CM CW - CS JANUS PRO |
| 1600 (63) | 218 (480) | 365 (96,4) | AF - AR - CS CR - S - CM CW - CS JANUS PRO |
| 1800 (71) | 245 (540) | 415 (109,6) | AF - AR - CS CR - S - CM CW - CS JANUS PRO |

| 5 BEZEL | 6 HB500 WELDED ADDITIONAL CUTTING EDGE |
|------------|--|
|------------|--|

SPS60 25°GD MACHINE WEIGHT 7,5 - 10,0 (16535 - 22046 lb)



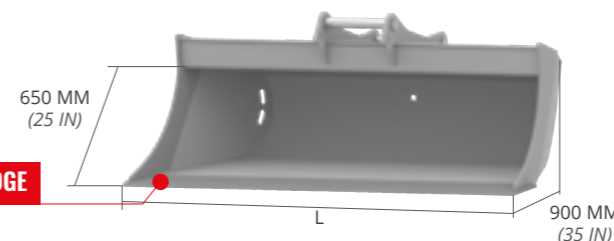
HB400 CUTTING EDGE

OPTIONAL

| L MM (IN) | WEIGHT KG* (LB*) | CAP. SAE L (GAL) | ADAPTERS |
|-----------------|------------------------|------------------------|---|
| 1400 (55) | 216 (476) | 345 (91,1) | AF - CS CR - S - CM CW - CS JANUS PRO |
| 1500 (59) | 231 (509) | 385 (101,7) | AF - CS CR - S - CM CW - CS JANUS PRO |
| 1600 (63) | 246 (542) | 415 (109,6) | AF - CS CR - S - CM CW - CS JANUS PRO |
| 1800 (71) | 274 (605) | 445 (117,5) | AF - CS CR - S - CM CW - CS JANUS PRO |
| 2000 (79) | 309 (681) | 505 (133,4) | AF - CS CR - S - CM CW - CS JANUS PRO |

| 5 BEZEL | 6 HB500 WELDED ADDITIONAL CUTTING EDGE |
|------------|--|
|------------|--|

SPS65 25°GD MACHINE WEIGHT 10,0 - 14,0 (22046 - 30865 lb)



HB400 CUTTING EDGE

OPTIONAL

| L MM (IN) | WEIGHT KG* (LB*) | CAP. SAE L (GAL) | ADAPTERS |
|-----------------|------------------------|------------------------|--|
| 1400 (55) | 295 (650) | 448 (118,3) | AF - S - CM CS - CW CS JANUS PRO |
| 1500 (59) | 316 (697) | 482 (127,3) | AF - S - CM CS - CW CS JANUS PRO |
| 1600 (63) | 334 (736) | 516 (136,3) | AF - S - CM CS - CW CS JANUS PRO |
| 1800 (71) | 376 (828) | 584 (154,3) | AF - S - CM CS - CW CS JANUS PRO |
| 2000 (79) | 395 (870) | 652 (172) | AF - S - CM CS - CW CS JANUS PRO |

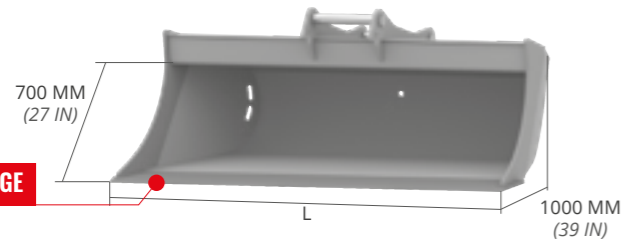
| 5 BEZEL | 6 HB500 WELDED ADDITIONAL CUTTING EDGE |
|------------|--|
|------------|--|

* weight of the tank excluding attachment

* weight of the tank excluding attachment

SPS70 25°GD MACHINE WEIGHT 14,0 - 19,0 (30865 - 41887 lb)

| ADAPTERS | CS100 | CS100 JANUS PRO | CM180 | S60 | CW30 |
|----------|---|---|---|--|---|
| |  |  |  |  |  |
| | KG 45 (LB 99) | KG 93 (LB 205) | KG 66 (LB 145) | KG 57 (LB 125) | KG 66 (LB 145) |



HB400 CUTTING EDGE

OPTIONAL

| L MM (IN) | WEIGHT KG* (LB*) | CAP. SAE L (GAL) | ADAPTERS |
|-----------------|------------------------|------------------------|--------------|
| 1500 (59) | 360 (793) | 580 (153,2) | AF - S - CM |
| | | | CS - CW |
| | | | CS JANUS PRO |
| 1600 (63) | 385 (848) | 620 (163,8) | AF - S - CM |
| | | | CS - CW |
| | | | CS JANUS PRO |
| 1800 (71) | 435 (959) | 700 (184,9) | AF - S - CM |
| | | | CS - CW |
| | | | CS JANUS PRO |
| 2000 (79) | 483 (1064) | 780 (206,1) | AF - S - CM |
| | | | CS - CW |
| | | | CS JANUS PRO |
| 2200 (87) | 529 (1166) | 860 (227,2) | AF - S - CM |
| | | | CS - CW |
| | | | CS JANUS PRO |

| 5 | 6 |
|-------|--------------------------------------|
| BEZEL | HB500 WELDED ADDITIONAL CUTTING EDGE |



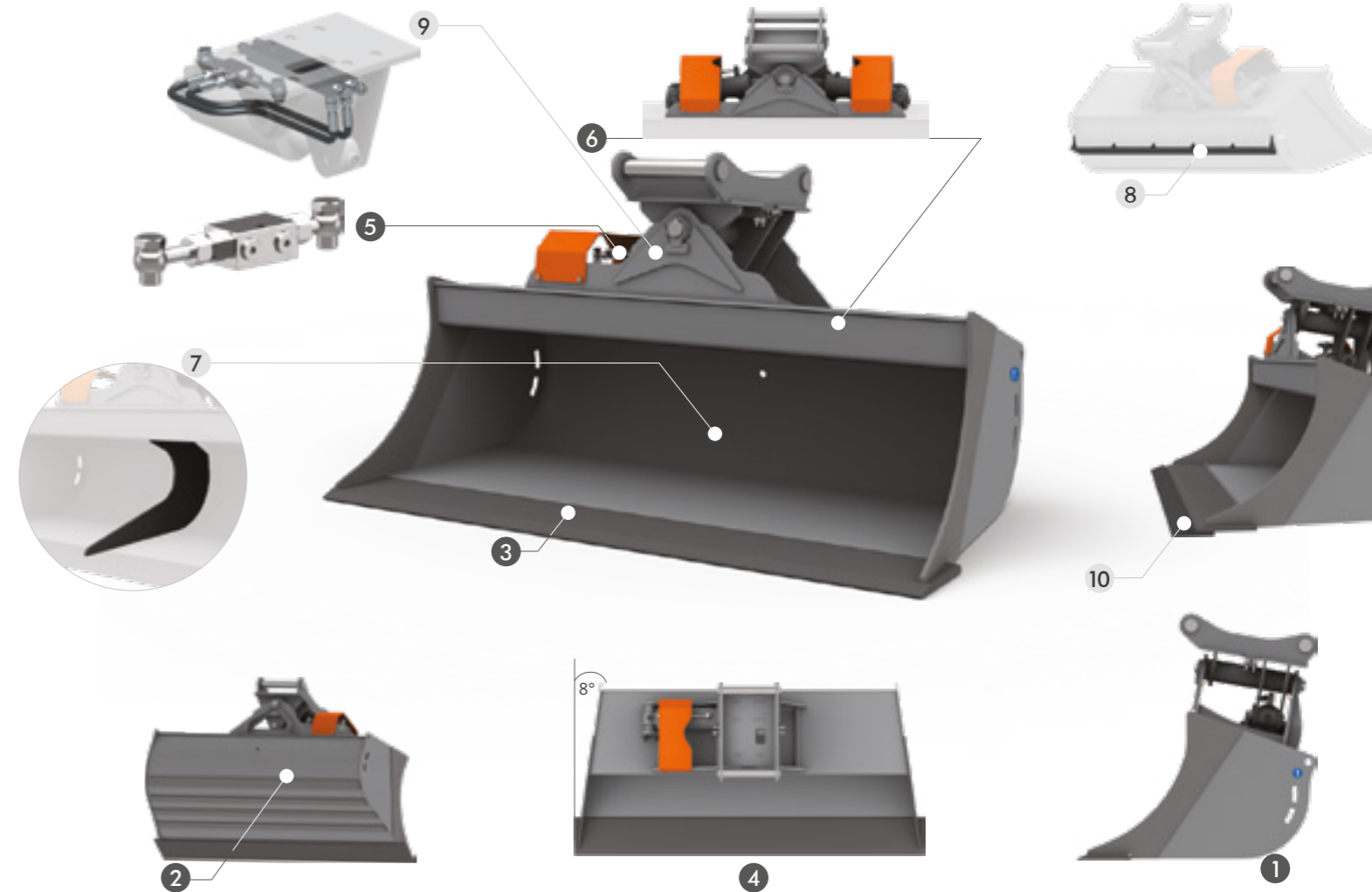
* weight of the tank excluding attachment



HB400



ADAPTERS



STANDARD TECHNICAL FEATURES

- 1 ELONGATED PROFILE**
- 2 REINFORCING STRIPS**
THE HORIZONTAL REINFORCING STRIPS ON THE BUCKET'S REAR AND BOTTOM PROTECT THE BUCKET FROM WEAR AND INCREASE ITS RESISTANCE.
- 3 HB400 CUTTING EDGE**
- 4 8° CONE SHAPE**
- 5 BLOCK VALVE**
IT ALLOWS TO KEEP THE BUCKET POSITIONING DURING THE WORKING PHASE.
- 6 DOUBLE CYLINDER FOR SQS 65 8° HD AND SQS 70 8° HD MODELS**

OPTIONAL

- 7 BEZEL**
IT ENSURES A HIGHER STRUCTURAL RESISTANCE. **HIGHLY RECOMMENDED WITH BUCKETS 1400MM WIDE OR MORE.**
- 8 REAR RAZOR**
WHEN THE MACHINE'S ARM IS KEPT CLOSED, IT ALLOWS TO FINISH SURFACES EVENLY.
- 9 PIPE KIT**
OPTIONAL KIT INSTALLED ON THE BUCKET FOR THE FEEDING OF THE HYDRAULIC CYLINDER. IT ALLOWS THE USE OF TWO OUTLETS ON THE RIGHT AND TWO OUTLETS ON THE LEFT FOR THE HYDRAULIC CONNECTION TO THE MACHINE REDUCING THE INSTALLATION TIMES. THE CONNECTING PIPES ARE NOT SUPPLIED.
- 10 HB500 WELDED ADDITIONAL CUTTING EDGE**
RECOMMENDED TO WORK ON PARTICULARLY ABRASIVE SOILS.

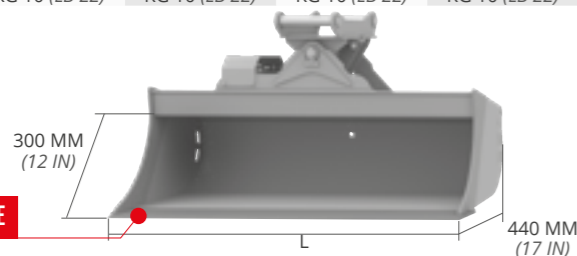
ITS TILTING SYSTEM ENABLES TO TILT IT BY 45° ON BOTH SIDES. ITS ELONGATED SHAPE AVOIDS THAT THE GROUND STICKS TO THE BUCKET'S SIDE WALLS AND SIMPLIFIES THE DISCHARGE OF LOAMY AND WET MATERIALS. USED MAINLY TO CLEAN AND LEVEL STREETS, DITCHES AND DIKES. HB400 ANTI-WEAR ELEMENTS REINFORCE THE MOST STRESSED PARTS. THE BLADE IS MADE OF HB400 FOR A HIGHER RESISTANCE TO WEAR.

THE INSTALLATION OF BEZELS IS HIGHLY RECOMMENDED FOR BUCKETS WIDER THAN 1400 MM, IN ORDER TO AVOID DAMAGES TO THE BUCKET IN CASE OF HEAVY DUTY JOBS OR WITH PARTICULARLY HARD TERRAINS:

- WIDTH FROM 1400 TO 1600 MM: NR. 1 BEZEL
- WIDTH FROM 1800 TO 2200 MM: NR. 2 BEZELS

| MOD. | SQS 30 8°GD | SQS 35 8°GD | SQS 40 8°GD | SQS 45 8°GD | SQS 50 8°GD | SQS 55 8°GD | SQS 60 8°GD | SQS 65 8°GD | SQS 70 8°GD |
|-----------|----------------------------|----------------------------|----------------------------|----------------------------|-----------------------------|------------------------------|-------------------------------|--------------------------------|--------------------------------|
| TONS (LB) | 0,8 - 1,5 (1764 - 3307) | 1,5 - 2,0 (3307 - 4409) | 2,0 - 3,0 (4409 - 6614) | 3,0 - 4,0 (6614 - 8818) | 4,0 - 6,0 (8818 - 13228) | 6,0 - 7,5 (13228 - 16535) | 7,5 - 10,0 (16535 - 22046) | 10,0 - 14,0 (19842 - 30865) | 14,0 - 18,0 (30865 - 39683) |

SQS30 8°GD MACHINE WEIGHT 0,8 - 1,5 (1764 - 3307 lb)

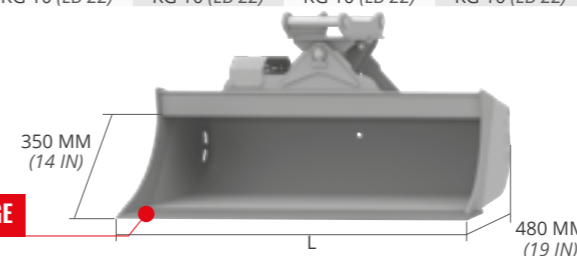


| L MM (IN) | WEIGHT KG* (LB*) | CAP. SAE L (GAL) | ADAPTERS |
|-----------------|------------------------|------------------------|--|
| 800 (31) | 54 (119) | 58 (22,4) | AF - AR - CS CR - S - CM CW - CS JANUS PRO |

OPTIONAL

| 8 | 9 | 10 |
|------------|----------|--|
| REAR RAZOR | PIPE KIT | HB500 WELDED ADDITIONAL CUTTING EDGE |

SQS35 8°GD MACHINE WEIGHT 1,5 - 2,0 (3307 - 4409 lb)

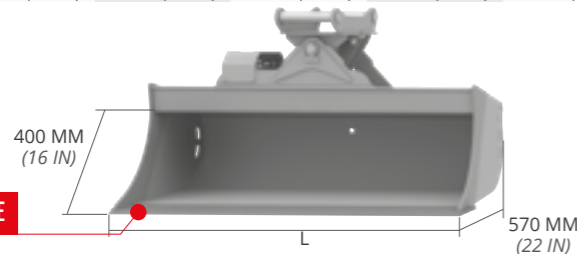
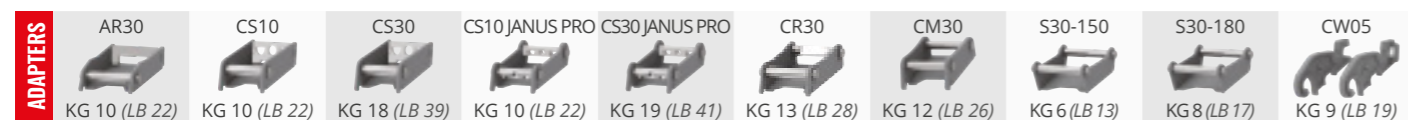


| L MM (IN) | WEIGHT KG* (LB*) | CAP. SAE L (GAL) | ADAPTERS |
|-----------------|------------------------|------------------------|--|
| 900 (35) | 74 (163) | 85 (22,4) | AF - AR - CS CR - S - CM CW - CS JANUS PRO |
| 1000 (39) | 80 (176) | 95 (25,1) | AF - AR - CS CR - S - CM CW - CS JANUS PRO |
| 1200 (47) | 92 (203) | 115 (30,4) | AF - AR - CS CR - S - CM CW - CS JANUS PRO |

OPTIONAL

| 8 | 9 | 10 |
|------------|----------|--|
| REAR RAZOR | PIPE KIT | HB500 WELDED ADDITIONAL CUTTING EDGE |

SQS40 8°GD MACHINE WEIGHT 2,0 - 3,0 (4409 - 6614 lb)

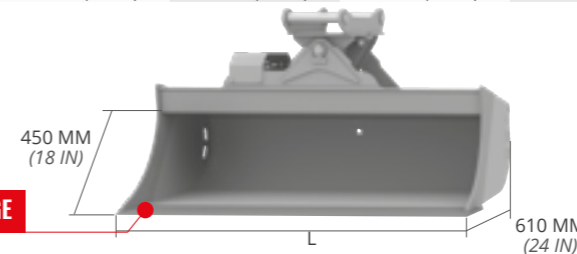


| L MM (IN) | WEIGHT KG* (LB*) | CAP. SAE L (GAL) | ADAPTERS |
|-----------------|------------------------|------------------------|--|
| 1100 (43) | 131 (289) | 129 (34,1) | AF - AR - CS CR - S - CM CW - CS JANUS PRO |
| 1200 (47) | 138 (304) | 143 (37,8) | AF - AR - CS CR - S - CM CW - CS JANUS PRO |
| 1400 (55) | 154 (340) | 157 (41,5) | AF - AR - CS CR - S - CM CW - CS JANUS PRO |

OPTIONAL

| 8 | 9 | 10 |
|------------|----------|--|
| REAR RAZOR | PIPE KIT | HB500 WELDED ADDITIONAL CUTTING EDGE |

SQS45 8°GD MACHINE WEIGHT 3,0 - 4,0 (6614 - 8818 lb)



| L MM (IN) | WEIGHT KG* (LB*) | CAP. SAE L (GAL) | ADAPTERS |
|-----------------|------------------------|------------------------|--|
| 1100 (43) | 149 (329) | 150 (39,6) | AF - AR - CS CR - S - CM CW - CS JANUS PRO |
| 1200 (47) | 155 (342) | 168 (44,4) | AF - AR - CS CR - S - CM CW - CS JANUS PRO |
| 1400 (55) | 176 (389) | 204 (53,9) | AF - AR - CS CR - S - CM CW - CS JANUS PRO |
| 1500 (59) | 187 (413) | 222 (58,6) | AF - AR - CS CR - S - CM CW - CS JANUS PRO |

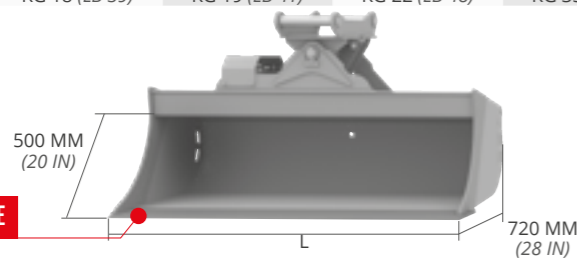
OPTIONAL

| 8 | 9 | 10 |
|------------|----------|--|
| REAR RAZOR | PIPE KIT | HB500 WELDED ADDITIONAL CUTTING EDGE |

* weight of the tank excluding attachment

* weight of the tank excluding attachment

SQS50 8°GD MACHINE WEIGHT 4,0 - 6,0 (8818 - 13228 lb)



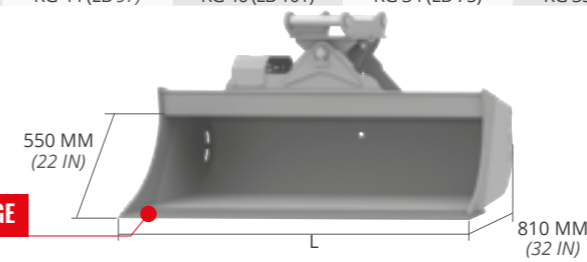
HB400 CUTTING EDGE

OPTIONAL

| L MM (IN) | WEIGHT KG* (LB*) | CAP. SAE L (GAL) | ADAPTERS |
|-----------------|------------------------|------------------------|--|
| 1200 (47) | 201 (444) | 210 (55,5) | AF - AR - CS CR - S - CM CW - CS JANUS PRO |
| 1300 (51) | 212 (468) | 230 (60,8) | AF - AR - CS CR - S - CM CW - CS JANUS PRO |
| 1400 (55) | 223 (492) | 250 (66,0) | AF - AR - CS CR - S - CM CW - CS JANUS PRO |
| 1600 (63) | 245 (541) | 290 (76,7) | AF - AR - CS CR - S - CM CW - CS JANUS PRO |

| 7 | 8 | 9 | 10 |
|-------|------------|----------|--|
| BEZEL | REAR RAZOR | PIPE KIT | HB500 WELDED ADDITIONAL CUTTING EDGE |

SQS55 8°GD MACHINE WEIGHT 6,0 - 7,5 (13228 - 16535 lb)



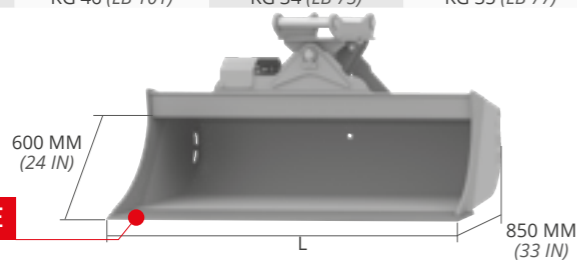
HB400 CUTTING EDGE

OPTIONAL

| L MM (IN) | WEIGHT KG* (LB*) | CAP. SAE L (GAL) | ADAPTERS |
|-----------------|------------------------|------------------------|--|
| 1300 (51) | 274 (605) | 300 (79,2) | AF - AR - CS CR - S - CM CW - CS JANUS PRO |
| 1400 (55) | 288 (635) | 325 (85,6) | AF - AR - CS CR - S - CM CW - CS JANUS PRO |
| 1500 (59) | 302 (666) | 350 (92,4) | AF - AR - CS CR - S - CM CW - CS JANUS PRO |
| 1600 (63) | 315 (695) | 375 (99,1) | AF - AR - CS CR - S - CM CW - CS JANUS PRO |
| 1800 (71) | 342 (754) | 425 (112,3) | AF - AR - CS CR - S - CM CW - CS JANUS PRO |

| 7 | 8 | 9 | 10 |
|-------|------------|----------|--|
| BEZEL | REAR RAZOR | PIPE KIT | HB500 WELDED ADDITIONAL CUTTING EDGE |

SQS60 8°GD MACHINE WEIGHT 7,5 - 10,0 (16535 - 22046 lb)



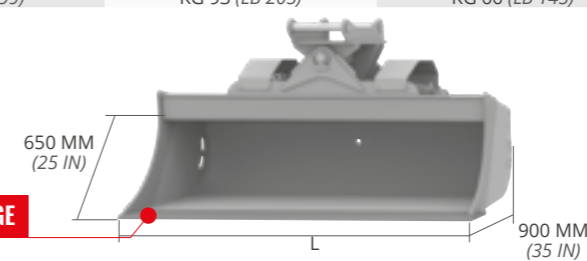
HB400 CUTTING EDGE

OPTIONAL

| L MM (IN) | WEIGHT KG* (LB*) | CAP. SAE L (GAL) | ADAPTERS |
|-----------------|------------------------|------------------------|---|
| 1400 (55) | 314 (699) | 360 (95,1) | AF - CS CR - S - CM CW - CS JANUS PRO |
| 1500 (59) | 329 (725) | 400 (105,7) | AF - CS CR - S - CM CW - CS JANUS PRO |
| 1600 (63) | 344 (759) | 430 (113,6) | AF - CS CR - S - CM CW - CS JANUS PRO |
| 1800 (71) | 372 (820) | 490 (129,4) | AF - CS CR - S - CM CW - CS JANUS PRO |
| 2000 (79) | 407 (897) | 550 (145,3) | AF - CS CR - S - CM CW - CS JANUS PRO |

| 7 | 8 | 9 | 10 |
|-------|------------|----------|--|
| BEZEL | REAR RAZOR | PIPE KIT | HB500 WELDED ADDITIONAL CUTTING EDGE |

SQS65 8°GD MACHINE WEIGHT 10,0 - 14,0 (22046 - 30865 lb)



HB400 CUTTING EDGE

OPTIONAL

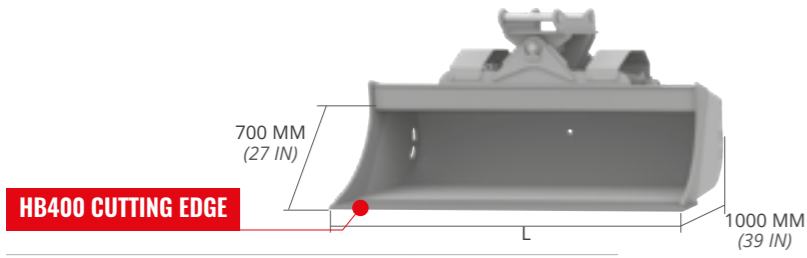
| L MM (IN) | WEIGHT KG* (LB*) | CAP. SAE L (GAL) | ADAPTERS |
|-----------------|------------------------|------------------------|--|
| 1400 (55) | 421 (928) | 466 (123,1) | AF - S - CM CS - CW CS JANUS PRO |
| 1500 (59) | 442 (974) | 500 (132,1) | AF - S - CM CS - CW CS JANUS PRO |
| 1600 (63) | 462 (1019) | 534 (141,1) | AF - S - CM CS - CW CS JANUS PRO |
| 1800 (71) | 503 (1109) | 602 (159,1) | AF - S - CM CS - CW CS JANUS PRO |
| 2000 (79) | 543 (1197) | 670 (176,1) | AF - S - CM CS - CW CS JANUS PRO |

| 7 | 8 | 9 | 10 |
|-------|------------|----------|--|
| BEZEL | REAR RAZOR | PIPE KIT | HB500 WELDED ADDITIONAL CUTTING EDGE |

* weight of the tank excluding attachment

* weight of the tank excluding attachment

SQS70 8°GD MACHINE WEIGHT 14,0 - 18,0 (30865 - 39683 lb)



HB400 CUTTING EDGE

| L MM (IN) | WEIGHT KG* (LB*) | CAP. SAE L (GAL) | ADAPTERS |
|-----------------|------------------------|------------------------|--|
| 1500 (59) | 515 (1136) | 600 (158,5) | AF - S - CM CS - CW CS JANUS PRO |
| 1600 (63) | 540 (1191) | 640 (169,1) | AF - S - CM CS - CW CS JANUS PRO |
| 1800 (71) | 590 (1301) | 720 (190,2) | AF - S - CM CS - CW CS JANUS PRO |
| 2000 (79) | 638 (1406) | 800 (211,3) | AF - S - CM CS - CW CS JANUS PRO |
| 2200 (87) | 684 (1508) | 880 (232,5) | AF - S - CM CS - CW CS JANUS PRO |

OPTIONAL

- 7 BEZEL
- 8 REAR RAZOR
- 9 PIPE KIT
- 10 HB500 WELDED ADDITIONAL CUTTING EDGE



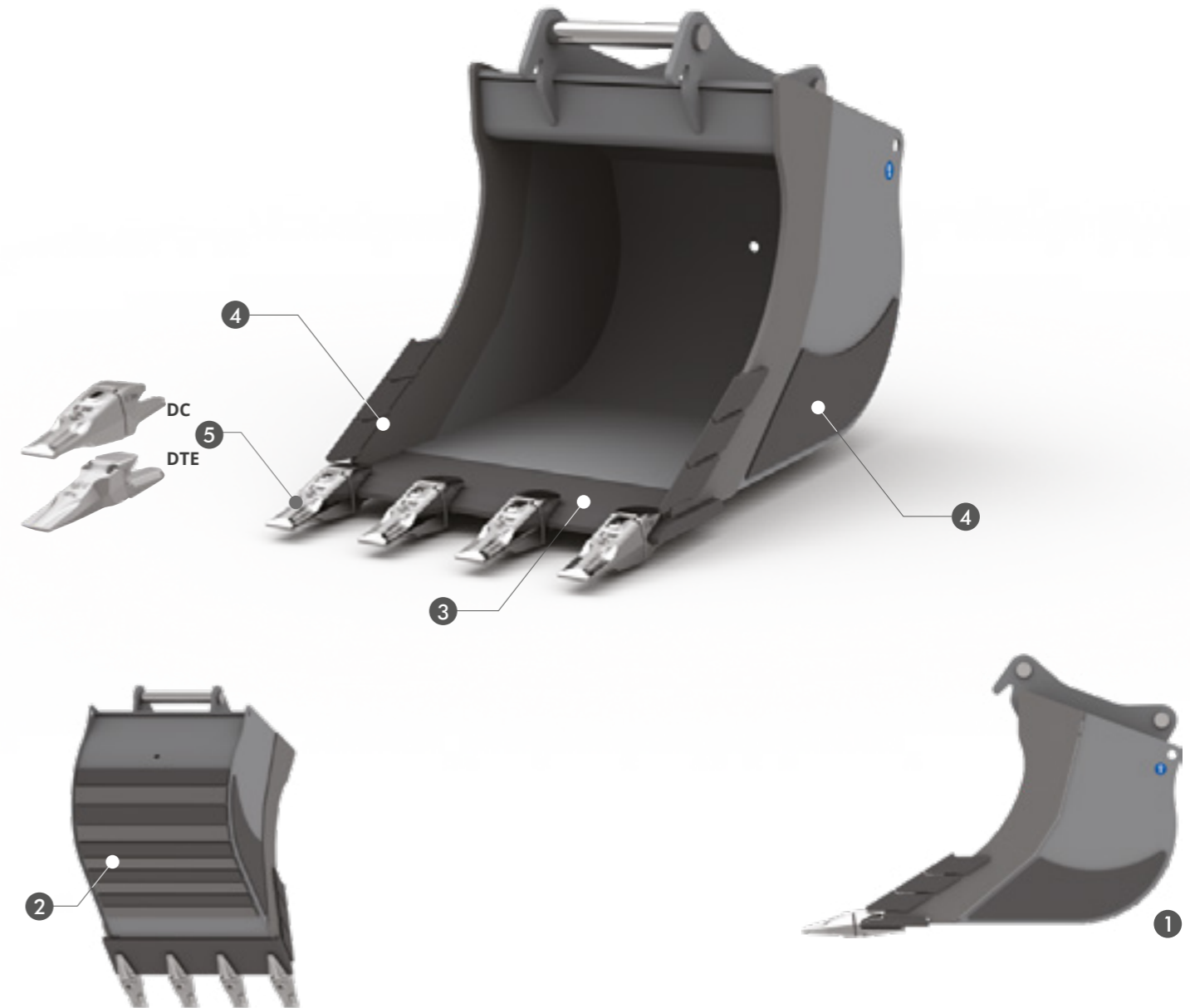
* weight of the tank excluding attachment



HB400



ADAPTERS



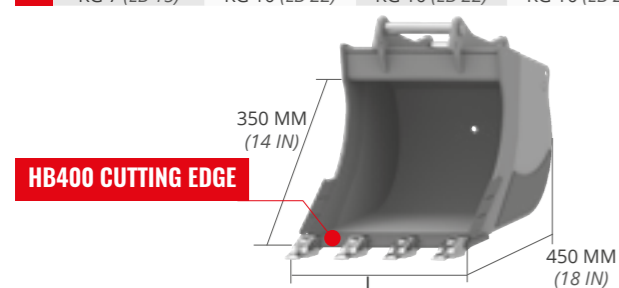
ITS ELONGATED PROFILE AVOIDS THAT THE GROUND STICKS TO THE BUCKET'S SIDE WALLS AND SIMPLIFIES THE DISCHARGE OF LOAMY AND WET MATERIALS. THE BLADE, THE SIDE CAST CUTTERS AND SIDE REINFORCEMENTS AND THE REAR STRIPS ARE MADE OF HB400.

STANDARD TECHNICAL FEATURES

- 1 ELONGATED PROFILE**
- 2 HB400 REINFORCING STRIPS**
THE HORIZONTAL REINFORCING STRIPS ON THE BUCKET'S REAR AND BOTTOM PROTECT THE BUCKET FROM WEAR AND INCREASE ITS RESISTANCE.
- 3 HB400 CUTTING EDGE**
- 4 HB400 SIDE CAST CUTTERS AND SIDE REINFORCEMENTS**
THESE HB400 CAST CUTTERS ARE POSITIONED ON THE SURFACES MOSTLY SUBJECT TO WEAR GRANTING A HIGHER RESISTANCE.
- 5 DC TEETH DTE TEETH**

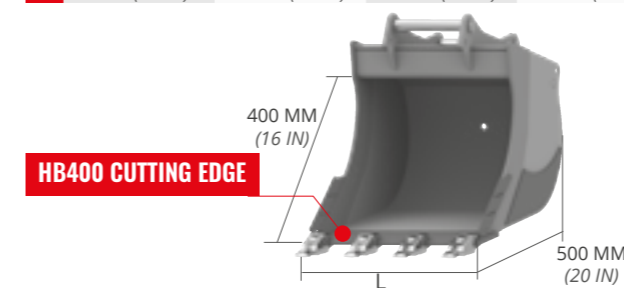
| | MIDI EXCAVATOR | | | | | | | | | | | |
|-----------|----------------------------|----------------------------|----------------------------|----------------------------|-----------------------------|------------------------------|------------------------------|-------------------------------|--------------------------------|--------------------------------|--------------------------------|--------------------------------|
| MOD. | SCS 35HD | SCS 40HD | SCS 48HD | SCS 60HD | SCS 67HD | SCS 71HD | SCS 75HD | SCS 80HD | SCS 85HD | SCS 92HD | SCS 100HD | SCS 110HD |
| TONS (LB) | 0,8 - 1,5 (1764 - 3307) | 1,5 - 2,0 (3307 - 4409) | 2,0 - 3,0 (4409 - 6614) | 3,0 - 4,0 (6614 - 8818) | 4,0 - 6,0 (8818 - 13228) | 6,0 - 7,5 (13228 - 16535) | 7,5 - 9,0 (16535 - 19842) | 9,0 - 12,0 (19842 - 26455) | 12,0 - 14,0 (26455 - 30865) | 12,0 - 14,0 (26455 - 30865) | 14,0 - 16,0 (30865 - 35274) | 16,0 - 19,0 (35274 - 41887) |

SCS35 HD MACHINE WEIGHT 0,8 - 1,5 (1764 - 3307 lb)



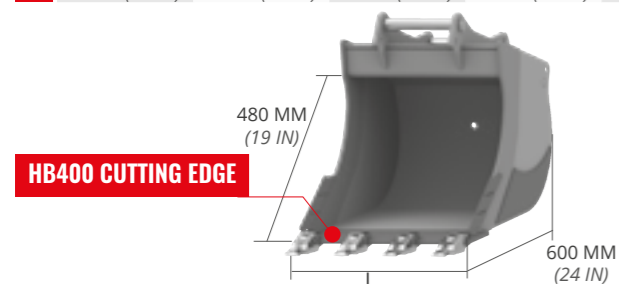
| L MM (IN) | WEIGHT KG* (LB*) | CAP. SAE L (GAL) | TEETH N° | ADAPTERS |
|-----------------|------------------------|------------------------|-------------|--|
| 250 (10) | 20 (44) | 25 (6,6) | 3 | AF - AR - CS CR - S - CM CW - CS JANUS PRO |
| 300 (12) | 24 (53) | 30 (7,9) | 3 | AF - AR - CS CR - S - CM CW - CS JANUS PRO |
| 400 (16) | 30 (66) | 42 (11,1) | 3 | AF - AR - CS CR - S - CM CW - CS JANUS PRO |
| 500 (20) | 35 (77) | 54 (14,3) | 4 | AF - AR - CS CR - S - CM CW - CS JANUS PRO |

SCS40 HD MACHINE WEIGHT 1,5 - 2,0 (3307 - 4409 lb)



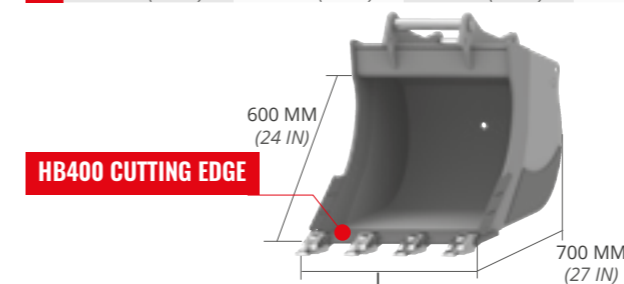
| L MM (IN) | WEIGHT KG* (LB*) | CAP. SAE L (GAL) | TEETH N° | ADAPTERS |
|-----------------|------------------------|------------------------|-------------|--|
| 300 (12) | 26 (57) | 35 (9,2) | 3 | AF - AR - CS CR - S - CM CW - CS JANUS PRO |
| 400 (16) | 34 (75) | 45 (11,8) | 3 | AF - AR - CS CR - S - CM CW - CS JANUS PRO |
| 500 (20) | 42 (92) | 60 (16,8) | 4 | AF - AR - CS CR - S - CM CW - CS JANUS PRO |
| 600 (24) | 49 (108) | 85 (22,4) | 4 | AF - AR - CS CR - S - CM CW - CS JANUS PRO |

SCS48 HD MACHINE WEIGHT 2,0 - 3,0 (4409 - 6614 lb)



| L MM (IN) | WEIGHT KG* (LB*) | CAP. SAE L (GAL) | TEETH N° | ADAPTERS |
|-----------------|------------------------|------------------------|-------------|--|
| 300 (12) | 38 (83) | 48 (12,7) | 3 | AF - AR - CS CR - S - CM CW - CS JANUS PRO |
| 400 (16) | 48 (105) | 68 (17,9) | 3 | AF - AR - CS CR - S - CM CW - CS JANUS PRO |
| 500 (20) | 61 (134) | 85 (22,4) | 4 | AF - AR - CS CR - S - CM CW - CS JANUS PRO |
| 600 (24) | 72 (158) | 110 (29,0) | 4 | AF - AR - CS CR - S - CM CW - CS JANUS PRO |
| 800 (31) | 98 (216) | 160 (42,2) | 5 | AF - AR - CS CR - S - CM CW - CS JANUS PRO |

SCS60 HD MACHINE WEIGHT 3,0 - 4,0 (6614 - 8818 lb)

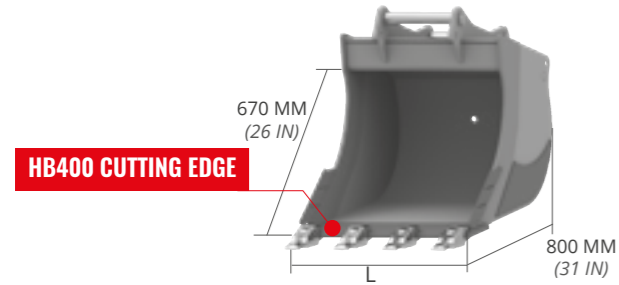


| L MM (IN) | WEIGHT KG* (LB*) | CAP. SAE L (GAL) | TEETH N° | ADAPTERS |
|-----------------|------------------------|------------------------|-------------|--|
| 300 (12) | 52 (114) | 78 (20,6) | 3 | AF - AR - CS CR - S - CM CW - CS JANUS PRO |
| 400 (16) | 63 (138) | 105 (27,7) | 3 | AF - AR - CS CR - S - CM CW - CS JANUS PRO |
| 500 (20) | 76 (167) | 140 (36,9) | 4 | AF - AR - CS CR - S - CM CW - CS JANUS PRO |
| 600 (24) | 91 (200) | 165 (43,5) | 4 | AF - AR - CS CR - S - CM CW - CS JANUS PRO |
| 800 (31) | 112 (246) | 225 (59,4) | 5 | AF - AR - CS CR - S - CM CW - CS JANUS PRO |

* weight of the tank excluding attachment

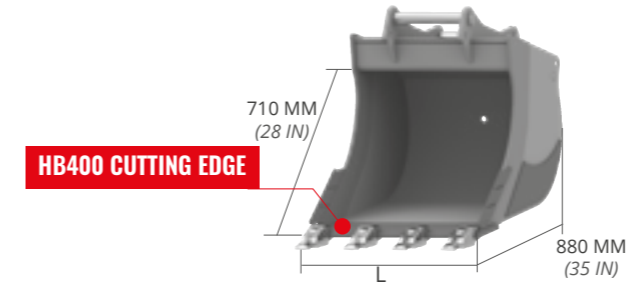
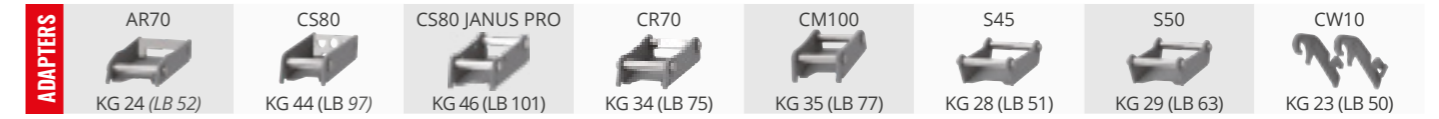
* weight of the tank excluding attachment

SCS67 HD MACHINE WEIGHT 4,0 - 6,0 (8818 - 13228 lb)



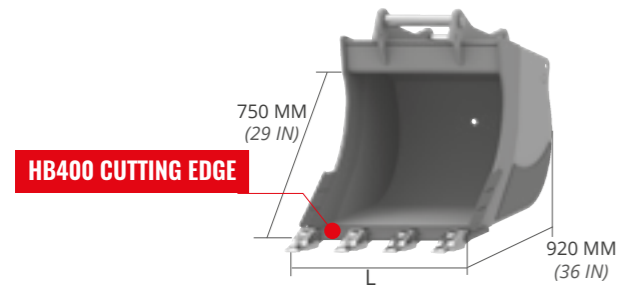
| L MM (IN) | WEIGHT KG* (LB*) | CAP. SAE L (GAL) | TEETH N° | ADAPTERS |
|-----------------|------------------------|------------------------|-------------|--|
| 300 (12) | 75 (165) | 90 (23,7) | 3 | AF - AR - CS CR - S - CM CW - CS JANUS PRO |
| 400 (16) | 85 (187) | 130 (34,3) | 3 | AF - AR - CS CR - S - CM CW - CS JANUS PRO |
| 500 (20) | 105 (231) | 170 (44,9) | 4 | AF - AR - CS CR - S - CM CW - CS JANUS PRO |
| 600 (24) | 122 (269) | 200 (52,8) | 4 | AF - AR - CS CR - S - CM CW - CS JANUS PRO |
| 800 (31) | 160 (353) | 280 (73,9) | 5 | AF - AR - CS CR - S - CM CW - CS JANUS PRO |

SCS71 HD MACHINE WEIGHT 6,0 - 7,5 (13228 - 16535 lb)



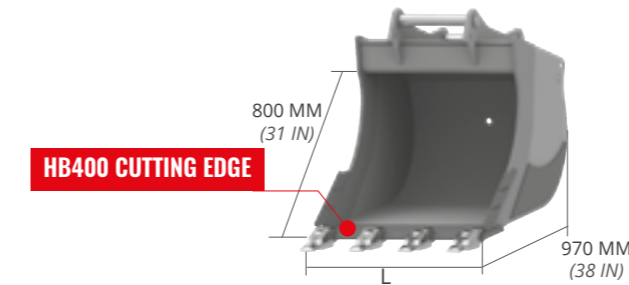
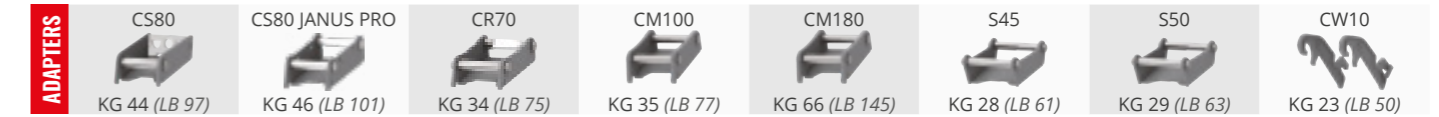
| L MM (IN) | WEIGHT KG* (LB*) | CAP. SAE L (GAL) | TEETH N° | ADAPTERS |
|-----------------|------------------------|------------------------|-------------|--|
| 400 (16) | 108 (238) | 150 (39,6) | 3 | AF - AR - CS CR - S - CM CW - CS JANUS PRO |
| 500 (20) | 130 (287) | 190 (50,2) | 4 | AF - AR - CS CR - S - CM CW - CS JANUS PRO |
| 600 (24) | 154 (340) | 230 (60,7) | 4 | AF - AR - CS CR - S - CM CW - CS JANUS PRO |
| 700 (28) | 176 (388) | 260 (68,7) | 5 | AF - AR - CS CR - S - CM CW - CS JANUS PRO |
| 800 (31) | 197 (434) | 315 (83,2) | 5 | AF - AR - CS CR - S - CM CW - CS JANUS PRO |

SCS75 HD MACHINE WEIGHT 7,5 - 9,0 (16535 - 1982 lb)



| L MM (IN) | WEIGHT KG* (LB*) | CAP. SAE L (GAL) | TEETH N° | ADAPTERS |
|-----------------|------------------------|------------------------|-------------|---|
| 400 (16) | 123 (271) | 165 (43,6) | 3 | AF - CS CR - S - CM CW - CS JANUS PRO |
| 500 (20) | 282 (320) | 210 (55,4) | 4 | AF - CS CR - S - CM CW - CS JANUS PRO |
| 600 (24) | 170 (375) | 260 (68,7) | 4 | AF - CS CR - S - CM CW - CS JANUS PRO |
| 700 (28) | 198 (437) | 300 (79,2) | 5 | AF - CS CR - S - CM CW - CS JANUS PRO |
| 800 (31) | 220 (485) | 350 (94,2) | 5 | AF - CS CR - S - CM CW - CS JANUS PRO |
| 1000 (39) | 263 (580) | 450 (118,9) | 5 | AF - CS CR - S - CM CW - CS JANUS PRO |

SCS80 HD MACHINE WEIGHT 9,0 - 12,0 (1982 - 26455 lb)

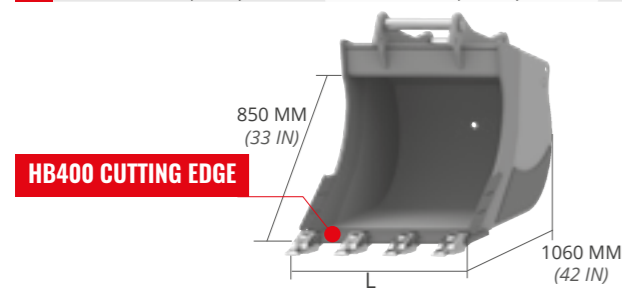


| L MM (IN) | WEIGHT KG* (LB*) | CAP. SAE L (GAL) | TEETH N° | ADAPTERS |
|-----------------|------------------------|------------------------|-------------|---|
| 400 (16) | 133 (293) | 190 (50,2) | 3 | AF - CS CR - S - CM CW - CS JANUS PRO |
| 500 (20) | 153 (337) | 245 (64,7) | 3 | AF - CS CR - S - CM CW - CS JANUS PRO |
| 600 (24) | 178 (392) | 300 (79,2) | 4 | AF - CS CR - S - CM CW - CS JANUS PRO |
| 700 (28) | 209 (460) | 350 (92,4) | 4 | AF - CS CR - S - CM CW - CS JANUS PRO |
| 800 (31) | 234 (515) | 400 (105,7) | 5 | AF - CS CR - S - CM CW - CS JANUS PRO |
| 1000 (39) | 283 (623) | 500 (132,1) | 5 | AF - CS CR - S - CM CW - CS JANUS PRO |

* weight of the tank excluding attachment

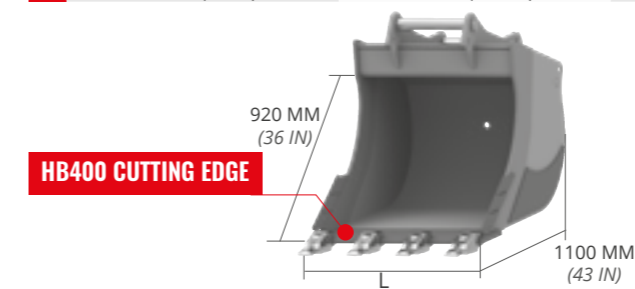
* weight of the tank excluding attachment

SCS85 HD MIDI MACHINE WEIGHT 12,0 - 14,0 (26455 - 30865 lb)



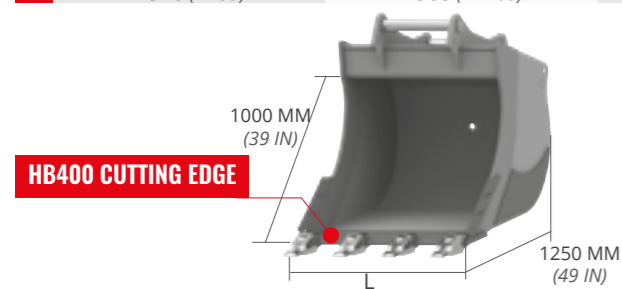
| L MM (IN) | WEIGHT KG* (LB*) | CAP. SAE L (GAL) | TEETH N° | ADAPTERS |
|-----------------|------------------------|------------------------|-------------|--|
| 500 (20) | 197 (434) | 265 (70,0) | 3 | AF - S - CM CS - CW CS JANUS PRO |
| 600 (24) | 225 (496) | 330 (87,1) | 4 | AF - S - CM CS - CW CS JANUS PRO |
| 700 (28) | 256 (564) | 400 (105,7) | 4 | AF - S - CM CS - CW CS JANUS PRO |
| 800 (31) | 284 (626) | 450 (118,8) | 5 | AF - S - CM CS - CW CS JANUS PRO |
| 900 (39) | 312 (687) | 500 (132,1) | 5 | AF - S - CM CS - CW CS JANUS PRO |
| 1000 (39) | 342 (754) | 580 (153,2) | 5 | AF - S - CM CS - CW CS JANUS PRO |
| 1200 (47) | 383 (844) | 740 (195,5) | 6 | AF - S - CM CS - CW CS JANUS PRO |

SCS92 HD EXCAVATOR MACHINE WEIGHT 12,0 - 14,0 (26455 - 30865 lb)



| L MM (IN) | WEIGHT KG* (LB*) | CAP. SAE L (GAL) | TEETH N. | ADAPTERS |
|-----------------|------------------------|------------------------|-------------|--|
| 600 (24) | 261 (575) | 380 (100,4) | 4 | AF - S - CM CS - CW CS JANUS PRO |
| 700 (28) | 287 (633) | 450 (118,9) | 4 | AF - S - CM CS - CW CS JANUS PRO |
| 800 (31) | 320 (705) | 560 (147,9) | 5 | AF - S - CM CS - CW CS JANUS PRO |
| 900 (35) | 352 (776) | 620 (163,8) | 5 | AF - S - CM CS - CW CS JANUS PRO |
| 1000 (39) | 395 (871) | 700 (184,9) | 5 | AF - S - CM CS - CW CS JANUS PRO |
| 1200 (47) | 454 (1001) | 900 (237,7) | 6 | AF - S - CM CS - CW CS JANUS PRO |

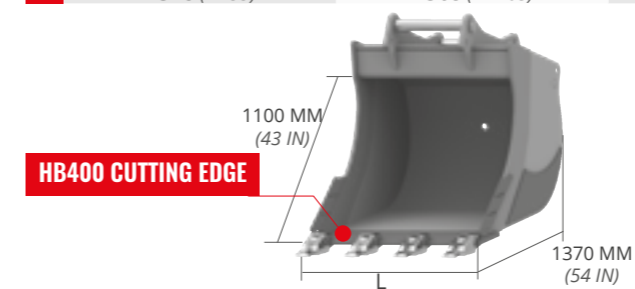
SCS100 HD MACHINE WEIGHT 14,0 - 16,0 (30865 - 35274 lb)



| L MM (IN) | WEIGHT KG* (LB*) | CAP. SAE L (GAL) | TEETH N. | ADAPTERS |
|-----------------|------------------------|------------------------|-------------|--|
| 600 (24) | 353 (778) | 450 (118,9) | 3 | AF - S - CM CS - CW CS JANUS PRO |
| 700 (28) | 397 (875) | 535 (141,3) | 4 | AF - S - CM CS - CW CS JANUS PRO |
| 800 (31) | 441 (972) | 620 (163,7) | 4 | AF - S - CM CS - CW CS JANUS PRO |
| 900 (35) | 485 (1069) | 710 (187,5) | 4 | AF - S - CM CS - CW CS JANUS PRO |
| 1000 (39) | 529 (1166) | 800 (211,3) | 5 | AF - S - CM CS - CW CS JANUS PRO |
| 1200 (47) | 617 (1360) | 980 (258,8) | 5 | AF - S - CM CS - CW CS JANUS PRO |

* weight of the tank excluding attachment

SCS110 HD MACHINE WEIGHT 16,0 - 19,0 (35274 - 41887 lb)



| L MM (IN) | WEIGHT KG* (LB*) | CAP. SAE L (GAL) | TEETH N. | ADAPTERS |
|-----------------|------------------------|------------------------|-------------|--|
| 600 (24) | 457 (1008) | 480 (126,8) | 3 | AF - S - CM CS - CW CS JANUS PRO |
| 800 (31) | 559 (1232) | 690 (182,3) | 4 | AF - S - CM CS - CW CS JANUS PRO |
| 1000 (39) | 671 (1479) | 900 (237,7) | 5 | AF - S - CM CS - CW CS JANUS PRO |
| 1200 (47) | 773 (1704) | 1110 (293,2) | 5 | AF - S - CM CS - CW CS JANUS PRO |
| 1300 (52) | 824 (1817) | 1220 (322,2) | 6 | AF - S - CM CS - CW CS JANUS PRO |
| 1400 (55) | 875 (1929) | 1330 (351,3) | 6 | AF - S - CM CS - CW CS JANUS PRO |

* weight of the tank excluding attachment

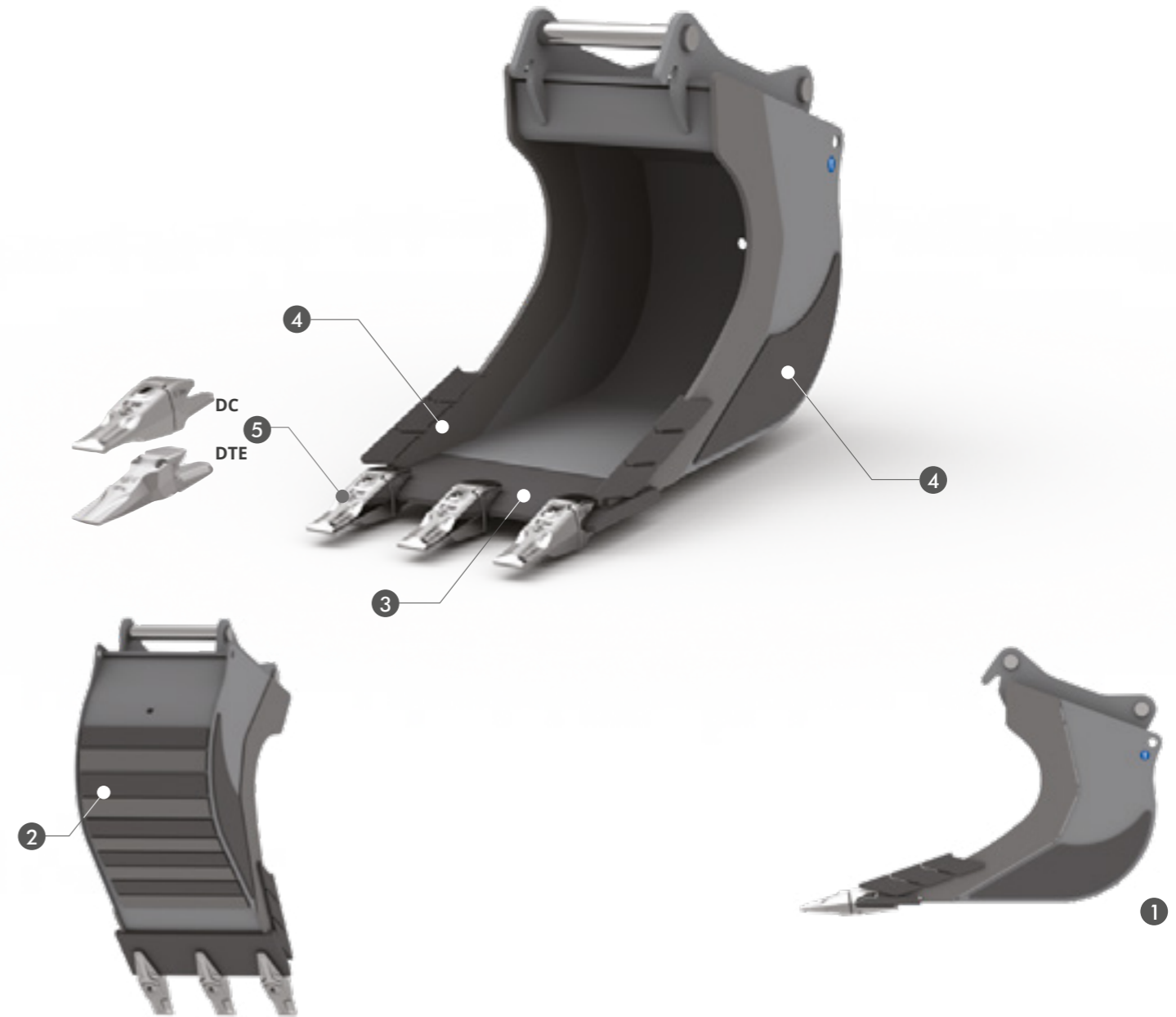


ITS ELONGATED PROFILE AVOIDS THAT THE GROUND STICKS TO THE BUCKET'S SIDE WALLS AND SIMPLIFIES THE DISCHARGE OF LOAMY AND WET MATERIALS. ITS HOLLOW SIDE WALLS HELP THE CROSSING OF GAS AND HYDRAULIC PIPES OR PLANTS, ETC. THE BLADE, THE SIDE CAST CUTTERS AND SIDE REINFORCEMENTS AND THE REAR STRIPS ARE MADE OF HB400.

| MOD. | MIDI EXCAVATOR | | | | | | | | | | | |
|-----------|----------------------------|----------------------------|----------------------------|----------------------------|-----------------------------|------------------------------|------------------------------|-------------------------------|--------------------------------|--------------------------------|--------------------------------|--------------------------------|
| | BS 35HD | BS 40HD | BS 48HD | BS 60HD | BS 67HD | BS 71HD | BS 75HD | BS 80HD | BS 85HD | BS 92HD | BS 100HD | BS 110HD |
| TONS (LB) | 0,8 - 1,5 (1764 - 3307) | 1,5 - 2,0 (3307 - 4409) | 2,0 - 3,0 (4409 - 6614) | 3,0 - 4,0 (6614 - 8818) | 4,0 - 6,0 (8818 - 13228) | 6,0 - 7,5 (13228 - 16535) | 7,5 - 9,0 (16535 - 19842) | 9,0 - 12,0 (19842 - 26455) | 12,0 - 14,0 (26455 - 30865) | 12,0 - 14,0 (26455 - 30865) | 14,0 - 16,0 (30865 - 35274) | 16,0 - 19,0 (35274 - 41887) |



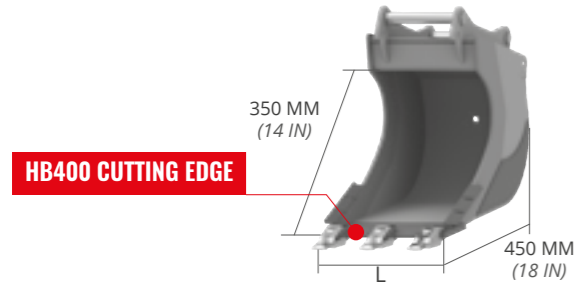
ADAPTERS



STANDARD TECHNICAL FEATURES

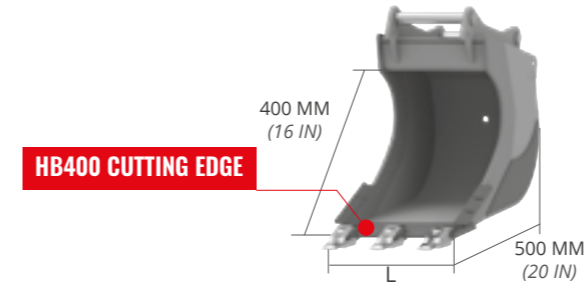
- 1 ELONGATED PROFILE**
- 2 HB400 REINFORCING STRIPS**
THE HORIZONTAL REINFORCING STRIPS ON THE BUCKET'S REAR AND BOTTOM PROTECT THE BUCKET FROM WEAR AND INCREASE ITS RESISTANCE.
- 3 HB400 CUTTING EDGE**
- 4 HB400 SIDE CAST CUTTERS AND SIDE REINFORCEMENTS**
THESE HB400 CAST CUTTERS ARE POSITIONED ON THE SURFACES MOSTLY SUBJECT TO WEAR GRANTING A HIGHER RESISTANCE.
- 5 DC TEETH DTE TEETH**

BS35 HD MACHINE WEIGHT 0,8 - 1,5 (1764 - 3307 lb)



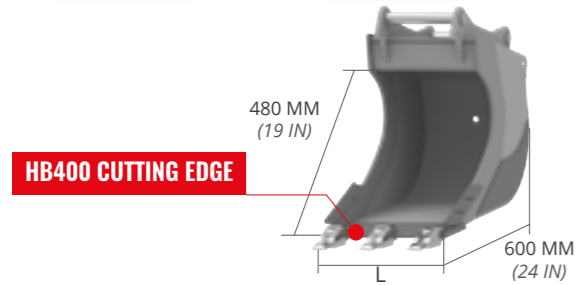
| L MM (IN) | WEIGHT KG* (LB*) | CAP. SAE L (GAL) | TEETH N° | ADAPTERS |
|-----------------|------------------------|------------------------|-------------|--|
| 250 (10) | 22 (49) | 24 (6,3) | 3 | AF - AR - CS CR - S - CM CW - CS JANUS PRO |
| 300 (12) | 24 (53) | 29 (7,7) | 3 | AF - AR - CS CR - S - CM CW - CS JANUS PRO |
| 350 (14) | 27 (60) | 35 (9,2) | 3 | AF - AR - CS CR - S - CM CW - CS JANUS PRO |
| 400 (16) | 31 (68) | 41 (10,1) | 3 | AF - AR - CS CR - S - CM CW - CS JANUS PRO |

BS40 HD MACHINE WEIGHT 1,5 - 2,0 (3307 - 4409 lb)



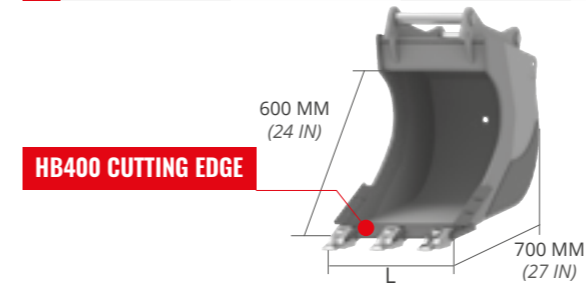
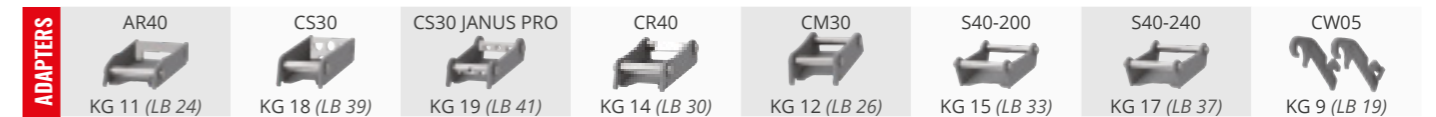
| L MM (IN) | WEIGHT KG* (LB*) | CAP. SAE L (GAL) | TEETH N° | ADAPTERS |
|-----------------|------------------------|------------------------|-------------|--|
| 250 (10) | 25 (55) | 24 (6,3) | 3 | AF - AR - CS CR - S - CM CW - CS JANUS PRO |
| 300 (12) | 27 (60) | 30 (7,9) | 3 | AF - AR - CS CR - S - CM CW - CS JANUS PRO |
| 350 (14) | 30 (66) | 37 (9,7) | 3 | AF - AR - CS CR - S - CM CW - CS JANUS PRO |
| 400 (16) | 34 (75) | 44 (11,6) | 3 | AF - AR - CS CR - S - CM CW - CS JANUS PRO |

BS48 HD MACHINE WEIGHT 2,0 - 3,0 (4409 - 6614 lb)



| L MM (IN) | WEIGHT KG* (LB*) | CAP. SAE L (GAL) | TEETH N° | ADAPTERS |
|-----------------|------------------------|------------------------|-------------|--|
| 250 (10) | 37 (81) | 36 (9,5) | 3 | AF - AR - CS CR - S - CM CW - CS JANUS PRO |
| 300 (12) | 42 (92) | 45 (,) | 3 | AF - AR - CS CR - S - CM CW - CS JANUS PRO |
| 350 (14) | 47 (103) | 54 (11,8) | 3 | AF - AR - CS CR - S - CM CW - CS JANUS PRO |
| 400 (16) | 53 (116) | 63 (16,6) | 3 | AF - AR - CS CR - S - CM CW - CS JANUS PRO |
| 500 (20) | 64 (141) | 83 (21,9) | 4 | AF - AR - CS CR - S - CM CW - CS JANUS PRO |

BS60 HD MACHINE WEIGHT 3,0 - 4,0 (6614 - 8818 lb)

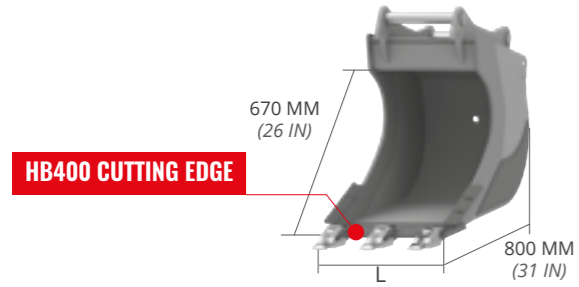


| L MM (IN) | WEIGHT KG* (LB*) | CAP. SAE L (GAL) | TEETH N° | ADAPTERS |
|-----------------|------------------------|------------------------|-------------|--|
| 250 (10) | 48 (105) | 54 (14,3) | 3 | AF - AR - CS CR - S - CM CW - CS JANUS PRO |
| 300 (12) | 53 (116) | 66 (17,4) | 3 | AF - AR - CS CR - S - CM CW - CS JANUS PRO |
| 350 (14) | 60 (132) | 79 (20,9) | 3 | AF - AR - CS CR - S - CM CW - CS JANUS PRO |
| 400 (16) | 66 (145) | 93 (24,6) | 3 | AF - AR - CS CR - S - CM CW - CS JANUS PRO |
| 500 (20) | 78 (172) | 121 (31,9) | 4 | AF - AR - CS CR - S - CM CW - CS JANUS PRO |

* weight of the tank excluding attachment

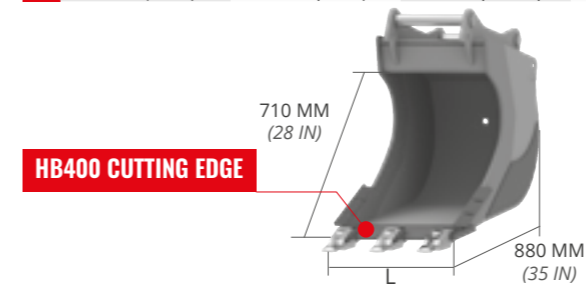
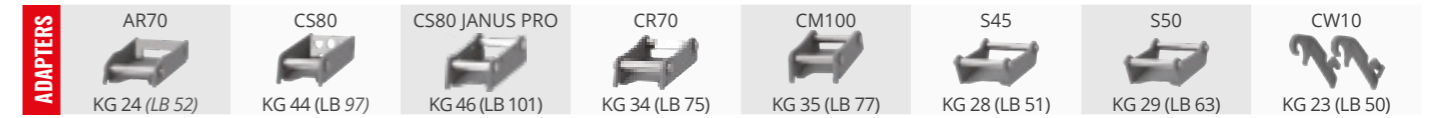
* weight of the tank excluding attachment

BS67 HD MACHINE WEIGHT 4,0 - 6,0 (8818 - 13228 lb)



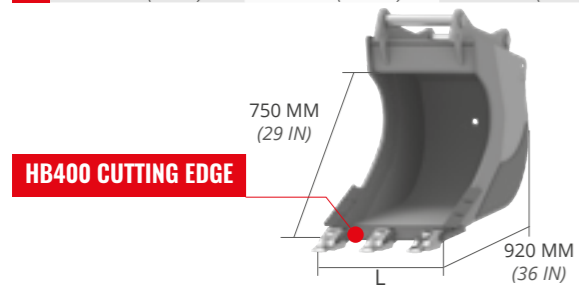
| L MM (IN) | WEIGHT KG* (LB*) | CAP. SAE L (GAL) | TEETH N° | ADAPTERS |
|-----------------|------------------------|------------------------|-------------|-------------------|
| 300 (12) | 70 (154) | 78 (20,6) | 3 | AF - AR - CS |
| | | | | CR - S - CM |
| | | | | CW - CS JANUS PRO |
| 350 (14) | 80 (176) | 95 (25,1) | 3 | AF - AR - CS |
| | | | | CR - S - CM |
| | | | | CW - CS JANUS PRO |
| 400 (16) | 90 (198) | 111 (29,3) | 3 | AF - AR - CS |
| | | | | CR - S - CM |
| | | | | CW - CS JANUS PRO |
| 500 (20) | 109 (240) | 146 (38,5) | 4 | AF - AR - CS |
| | | | | CR - S - CM |
| | | | | CW - CS JANUS PRO |

BS71 HD MACHINE WEIGHT 6,0 - 7,5 (13228 - 16535 lb)



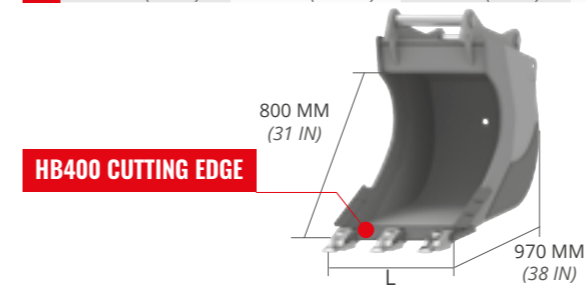
| L MM (IN) | WEIGHT KG* (LB*) | CAP. SAE L (GAL) | TEETH N° | ADAPTERS |
|-----------------|------------------------|------------------------|-------------|-------------------|
| 350 (14) | 101 (223) | 112 (29,6) | 3 | AF - AR - CS |
| | | | | CR - S - CM |
| | | | | CW - CS JANUS PRO |
| 400 (16) | 111 (245) | 132 (34,9) | 3 | AF - AR - CS |
| | | | | CR - S - CM |
| | | | | CW - CS JANUS PRO |
| 500 (20) | 133 (293) | 172 (45,4) | 4 | AF - AR - CS |
| | | | | CR - S - CM |
| | | | | CW - CS JANUS PRO |
| 600 (24) | 152 (335) | 215 (56,7) | 4 | AF - AR - CS |
| | | | | CR - S - CM |
| | | | | CW - CS JANUS PRO |

BS75 HD MACHINE WEIGHT 7,5 - 9,0 (16535 - 1982 lb)



| L MM (IN) | WEIGHT KG* (LB*) | CAP. SAE L (GAL) | TEETH N° | ADAPTERS |
|-----------------|------------------------|------------------------|-------------|-------------------|
| 350 (14) | 106 (234) | 117 (30,9) | 3 | AF - CS |
| | | | | CR - S - CM |
| | | | | CW - CS JANUS PRO |
| 400 (16) | 118 (260) | 138 (36,5) | 3 | AF - CS |
| | | | | CR - S - CM |
| | | | | CW - CS JANUS PRO |
| 500 (20) | 138 (304) | 181 (47,8) | 4 | AF - CS |
| | | | | CR - S - CM |
| | | | | CW - CS JANUS PRO |
| 600 (24) | 160 (353) | 226 (59,7) | 4 | AF - CS |
| | | | | CR - S - CM |
| | | | | CW - CS JANUS PRO |

BS80 HD MACHINE WEIGHT 9,0 - 12,0 (1982 - 26455 lb)

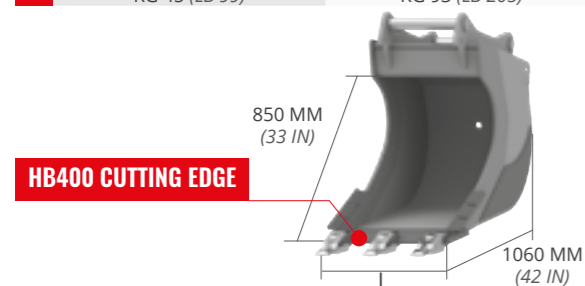


| L MM (IN) | WEIGHT KG* (LB*) | CAP. SAE L (GAL) | TEETH N° | ADAPTERS |
|-----------------|------------------------|------------------------|-------------|-------------------|
| 400 (16) | 130 (286) | 161 (42,5) | 3 | AF - CS |
| | | | | CR - S - CM |
| | | | | CW - CS JANUS PRO |
| 500 (20) | 157 (346) | 210 (55,4) | 3 | AF - CS |
| | | | | CR - S - CM |
| | | | | CW - CS JANUS PRO |
| 600 (24) | 186 (410) | 261 (68,9) | 4 | AF - CS |
| | | | | CR - S - CM |
| | | | | CW - CS JANUS PRO |

* weight of the tank excluding attachment

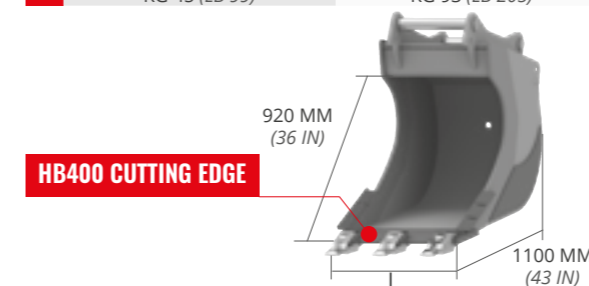
* weight of the tank excluding attachment

BS85 HD MIDI MACHINE WEIGHT 12,0 - 14,0 (26455 - 30865 lb)



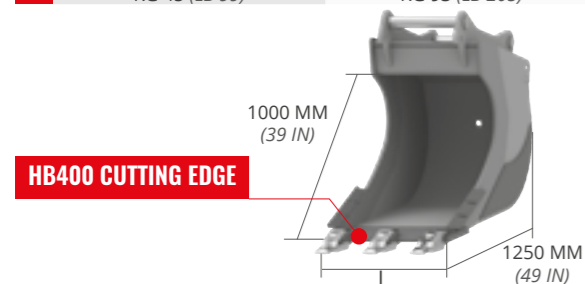
| L MM (IN) | WEIGHT KG* (LB*) | CAP. SAE L (GAL) | TEETH N° | ADAPTERS |
|-----------------|------------------------|------------------------|-------------|--------------|
| 400 (16) | 164 (361) | 184 (48,6) | 3 | AF - S - CM |
| | | | | CS - CW |
| | | | | CS JANUS PRO |
| 500 (20) | 192 (423) | 242 (63,9) | 3 | AF - S - CM |
| | | | | CS - CW |
| | | | | CS JANUS PRO |
| 600 (24) | 220 (485) | 301 (79,5) | 4 | AF - S - CM |
| | | | | CS - CW |
| | | | | CS JANUS PRO |

BS92 HD EXCAVATOR MACHINE WEIGHT 12,0 - 14,0 (26455 - 30865 lb)



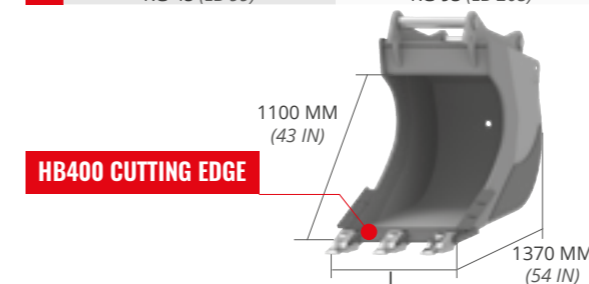
| L MM (IN) | WEIGHT KG* (LB*) | CAP. SAE L (GAL) | TEETH N° | ADAPTERS |
|-----------------|------------------------|------------------------|-------------|--------------|
| 400 (16) | 188 (414) | 206 (54,4) | 3 | AF - S - CM |
| | | | | CS - CW |
| | | | | CS JANUS PRO |
| 500 (20) | 225 (496) | 270 (71,3) | 3 | AF - S - CM |
| | | | | CS - CW |
| | | | | CS JANUS PRO |
| 600 (24) | 256 (564) | 337 (89,0) | 4 | AF - S - CM |
| | | | | CS - CW |
| | | | | CS JANUS PRO |

BS100 HD MACHINE WEIGHT 14,0 - 16,0 (30865 - 35274 lb)



| L MM (IN) | WEIGHT KG* (LB*) | CAP. SAE L (GAL) | TEETH N° | ADAPTERS |
|-----------------|------------------------|------------------------|-------------|--------------|
| 400 (16) | 259 (571) | 245 (64,7) | 3 | AF - S - CM |
| | | | | CS - CW |
| | | | | CS JANUS PRO |
| 500 (20) | 301 (664) | 320 (84,5) | 3 | AF - S - CM |
| | | | | CS - CW |
| | | | | CS JANUS PRO |
| 600 (24) | 343 (756) | 398 (105,1) | 3 | AF - S - CM |
| | | | | CS - CW |
| | | | | CS JANUS PRO |

BS110 HD MACHINE WEIGHT 16,0 - 19,0 (35274 - 41887 lb)



| L MM (IN) | WEIGHT KG* (LB*) | CAP. SAE L (GAL) | TEETH N° | ADAPTERS |
|-----------------|------------------------|------------------------|-------------|--------------|
| 400 (16) | 335 (739) | 283 (74,8) | 3 | AF - S - CM |
| | | | | CS - CW |
| | | | | CS JANUS PRO |
| 500 (20) | 385 (761) | 372 (98,3) | 3 | AF - S - CM |
| | | | | CS - CW |
| | | | | CS JANUS PRO |
| 600 (24) | 435 (860) | 464 (122,6) | 3 | AF - S - CM |
| | | | | CS - CW |
| | | | | CS JANUS PRO |

* weight of the tank excluding attachment

* weight of the tank excluding attachment



HB400



THE SPECIAL HOLLOW PROFILE MAKES IT SUITABLE FOR A COMBINED USAGE WITH THE ROTOTWIST SYSTEM. THE 8° CONE-SHAPE REAR FORM ENABLES THE BUCKET TO ROTATE INSIDE THE EXCAVATION AREA WITHOUT SPOILING IT. IT HAS BEEN REINFORCED IN ALL THE MOST STRESSED AREAS. THE BLADE, THE SIDE CAST CUTTERS AND SIDE REINFORCEMENTS AND THE REAR STRIPS ARE MADE OF HB400.

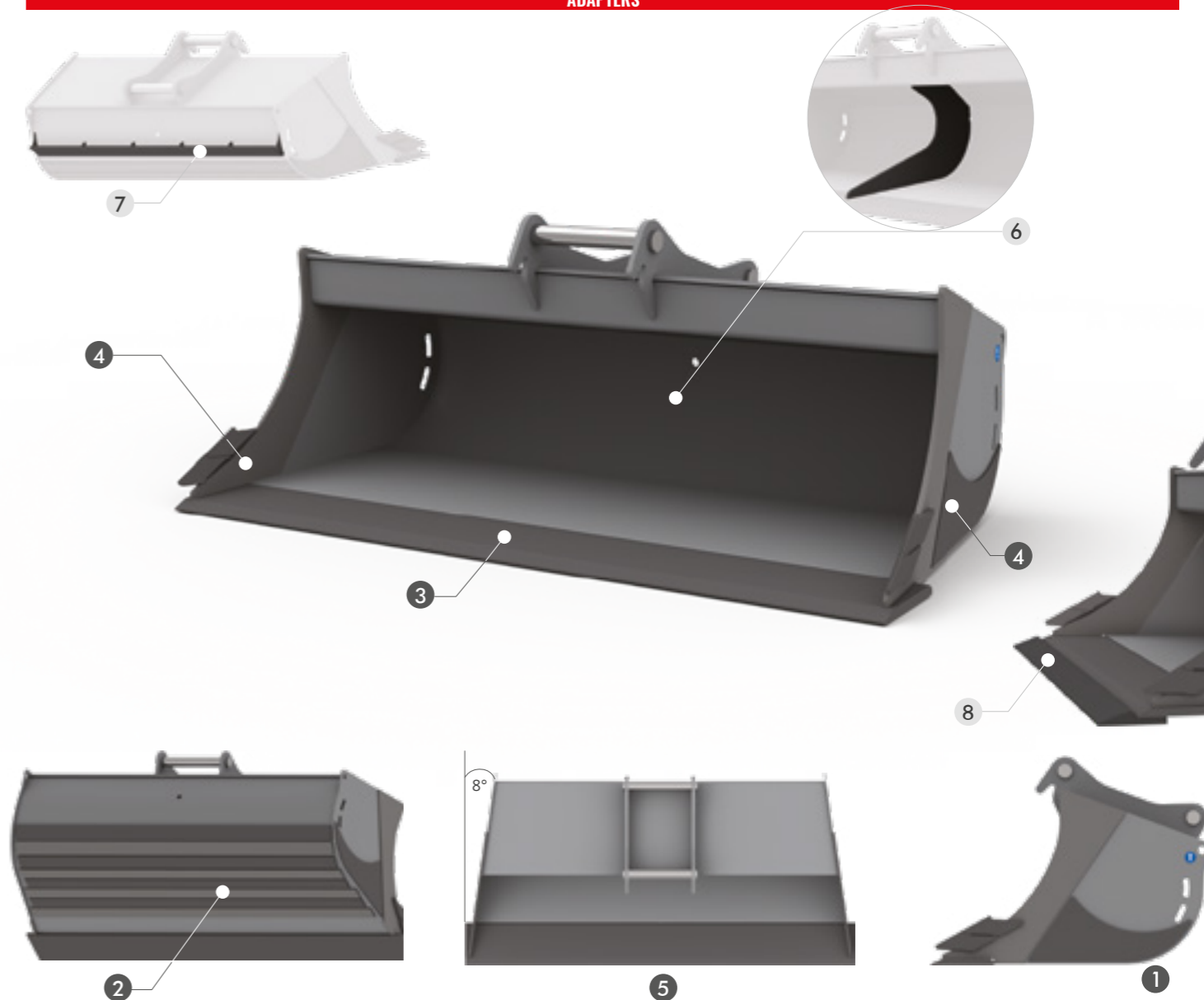
THE INSTALLATION OF BEZELS IS HIGHLY RECOMMENDED FOR BUCKETS WIDER THAN 1400 MM, IN ORDER TO AVOID DAMAGES TO THE BUCKET IN CASE OF HEAVY DUTY JOBS OR WITH PARTICULARLY HARD TERRAINS:

- WIDTH FROM 1400 TO 1600 MM: NR. 1 BEZEL
- WIDTH FROM 1800 TO 2200 MM: NR. 2 BEZELS

| MOD. | SPS 30 8°HD | SPS 35 8°HD | SPS 40 8°HD | SPS 45 8°HD | SPS 50 8°HD | SPS 55 8°HD | SPS 60 8°HD | SPS 65 8°HD | SPS 70 8°HD |
|-----------|----------------------------|----------------------------|----------------------------|----------------------------|-----------------------------|------------------------------|-------------------------------|--------------------------------|--------------------------------|
| TONS (LB) | 0,8 - 1,5 (1764 - 3307) | 1,5 - 2,0 (3307 - 4409) | 2,0 - 3,0 (4409 - 6614) | 3,0 - 4,0 (6614 - 8818) | 4,0 - 6,0 (8818 - 13228) | 6,0 - 7,5 (13228 - 16535) | 7,5 - 10,0 (16535 - 22046) | 10,0 - 14,0 (19842 - 30865) | 14,0 - 19,0 (30865 - 41887) |



ADAPTERS



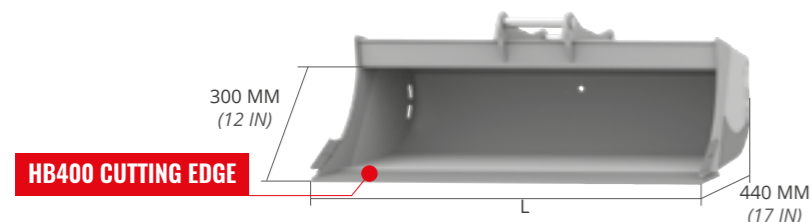
STANDARD TECHNICAL FEATURES

- 1 ELONGATED PROFILE**
- 2 HB400 REINFORCING STRIPS**
THE HORIZONTAL REINFORCING STRIPS ON THE BUCKET'S REAR AND BOTTOM PROTECT THE BUCKET FROM WEAR AND INCREASE ITS RESISTANCE.
- 3 HB400 CUTTING EDGE**
- 4 HB400 SIDE CAST CUTTERS AND SIDE REINFORCEMENTS**
THESE HB400 CAST CUTTERS ARE POSITIONED ON THE SURFACES MOSTLY SUBJECT TO WEAR GRANTING A HIGHER RESISTANCE.
- 5 8° CONE SHAPE**

OPTIONAL

- 6 BEZEL**
IT ENSURES A HIGHER STRUCTURAL RESISTANCE. **HIGHLY RECOMMENDED WITH BUCKETS 1400MM WIDE OR MORE.**
- 7 REAR RAZOR**
WHEN THE MACHINE'S ARM IS KEPT CLOSED, IT ALLOWS TO FINISH SURFACES EVENLY.
- 8 HB500 WELDED ADDITIONAL CUTTING EDGE**
Recommended to work on particularly abrasive soils.

SPS30 8°HD MACHINE WEIGHT 0,8 - 1,5 (1764 - 3307 lb)



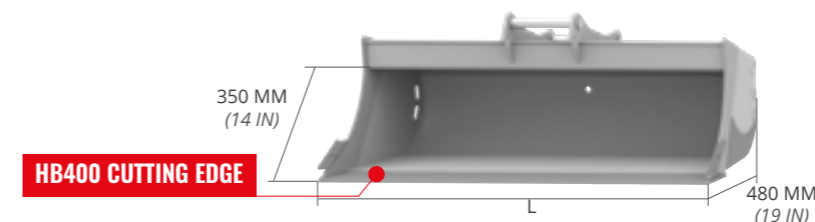
ADAPTERS

| L MM (IN) | WEIGHT KG* (LB*) | CAP. SAE L (GAL) | ADAPTERS |
|-----------------|------------------------|------------------------|-------------------|
| 600 (24) | 32 (70) | 42 (11,1) | AF - AR - CS |
| | | | CR - S - CM |
| | | | CW - CS JANUS PRO |
| 700 (28) | 38 (83) | 50 (13,2) | AF - AR - CS |
| | | | CR - S - CM |
| | | | CW - CS JANUS PRO |
| 800 (31) | 43 (94) | 58 (22,4) | AF - AR - CS |
| | | | CR - S - CM |
| | | | CW - CS JANUS PRO |

OPTIONAL

6 REAR RAZOR 7 HB500 WELDED ADDITIONAL CUTTING EDGE

SPS35 8°HD MACHINE WEIGHT 1,5 - 2,0 (3307 - 4409 lb)



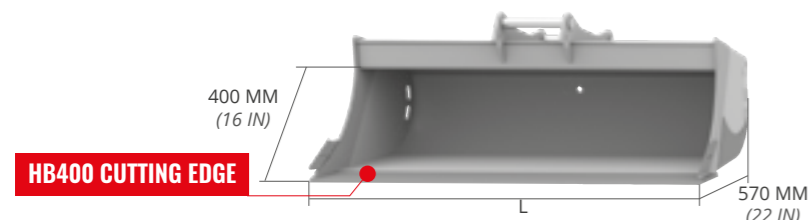
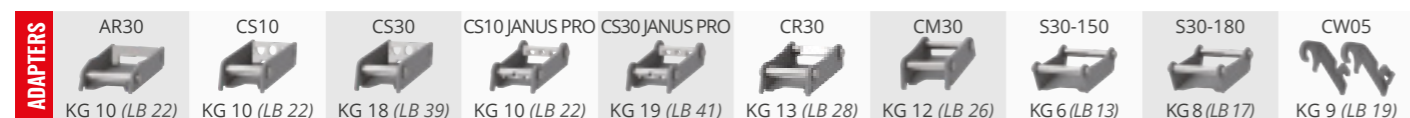
ADAPTERS

| L MM (IN) | WEIGHT KG* (LB*) | CAP. SAE L (GAL) | ADAPTERS |
|-----------------|------------------------|------------------------|-------------------|
| 800 (31) | 51 (112) | 75 (19,8) | AF - AR - CS |
| | | | CR - S - CM |
| | | | CW - CS JANUS PRO |
| 900 (35) | 57 (125) | 85 (22,4) | AF - AR - CS |
| | | | CR - S - CM |
| | | | CW - CS JANUS PRO |
| 1000 (39) | 63 (138) | 95 (25,1) | AF - AR - CS |
| | | | CR - S - CM |
| | | | CW - CS JANUS PRO |
| 1200 (47) | 76 (167) | 115 (30,4) | AF - AR - CS |
| | | | CR - S - CM |
| | | | CW - CS JANUS PRO |

OPTIONAL

6 REAR RAZOR 7 HB500 WELDED ADDITIONAL CUTTING EDGE

SPS40 8°HD MACHINE WEIGHT 2,0 - 3,0 (4409 - 6614 lb)



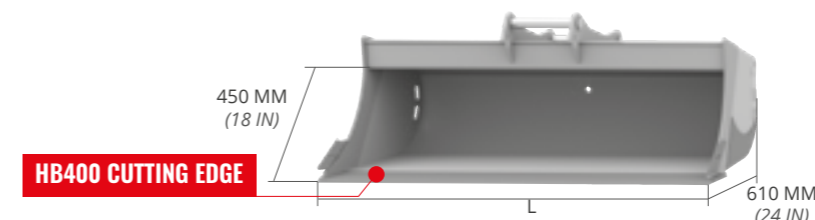
ADAPTERS

| L MM (IN) | WEIGHT KG* (LB*) | CAP. SAE L (GAL) | ADAPTERS |
|-----------------|------------------------|------------------------|-------------------|
| 1000 (39) | 84 (185) | 115 (30,4) | AF - AR - CS |
| | | | CR - S - CM |
| | | | CW - CS JANUS PRO |
| 1100 (43) | 93 (205) | 129 (34,1) | AF - AR - CS |
| | | | CR - S - CM |
| | | | CW - CS JANUS PRO |
| 1200 (47) | 101 (222) | 143 (37,8) | AF - AR - CS |
| | | | CR - S - CM |
| | | | CW - CS JANUS PRO |
| 1400 (55) | 118 (260) | 157 (41,5) | AF - AR - CS |
| | | | CR - S - CM |
| | | | CW - CS JANUS PRO |

OPTIONAL

6 REAR RAZOR 7 HB500 WELDED ADDITIONAL CUTTING EDGE

SPS45 8°HD MACHINE WEIGHT 3,0 - 4,0 (6614 - 8818 lb)



ADAPTERS

| L MM (IN) | WEIGHT KG* (LB*) | CAP. SAE L (GAL) | ADAPTERS |
|-----------------|------------------------|------------------------|-------------------|
| 1000 (39) | 108 (238) | 132 (34,9) | AF - AR - CS |
| | | | CR - S - CM |
| | | | CW - CS JANUS PRO |
| 1100 (43) | 118 (260) | 150 (39,6) | AF - AR - CS |
| | | | CR - S - CM |
| | | | CW - CS JANUS PRO |
| 1200 (47) | 125 (275) | 168 (44,4) | AF - AR - CS |
| | | | CR - S - CM |
| | | | CW - CS JANUS PRO |
| 1400 (55) | 147 (324) | 204 (53,9) | AF - AR - CS |
| | | | CR - S - CM |
| | | | CW - CS JANUS PRO |
| 1500 (59) | 159 (350) | 222 (58,6) | AF - AR - CS |
| | | | CR - S - CM |
| | | | CW - CS JANUS PRO |

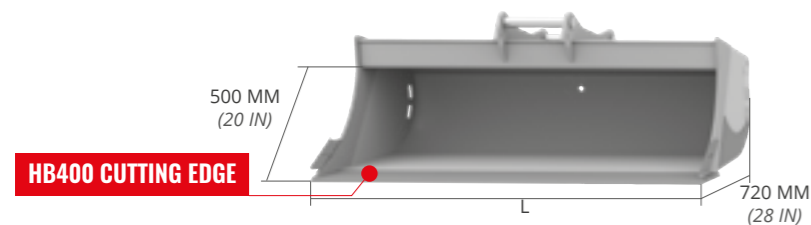
OPTIONAL

6 REAR RAZOR 7 HB500 WELDED ADDITIONAL CUTTING EDGE

* weight of the tank excluding attachment

* weight of the tank excluding attachment

SPS50 8°HD MACHINE WEIGHT 4,0 - 6,0 (8818 - 13228 lb)

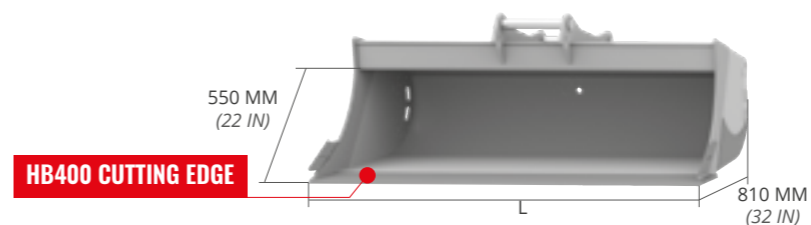


| L MM (IN) | WEIGHT KG* (LB*) | CAP. SAE L (GAL) | ADAPTERS |
|-----------------|------------------------|------------------------|--|
| 1200 (47) | 158 (348) | 210 (55,5) | AF - AR - CS CR - S - CM CW - CS JANUS PRO |
| 1300 (51) | 170 (374) | 230 (60,8) | AF - AR - CS CR - S - CM CW - CS JANUS PRO |
| 1400 (55) | 182 (401) | 250 (66,0) | AF - AR - CS CR - S - CM CW - CS JANUS PRO |
| 1600 (63) | 206 (454) | 290 (76,7) | AF - AR - CS CR - S - CM CW - CS JANUS PRO |

OPTIONAL

| 5 | 6 | 7 |
|-------|------------|--|
| BEZEL | REAR RAZOR | HB500 WELDED ADDITIONAL CUTTING EDGE |

SPS55 8°HD MACHINE WEIGHT 6,0 - 7,5 (13228 - 16535 lb)

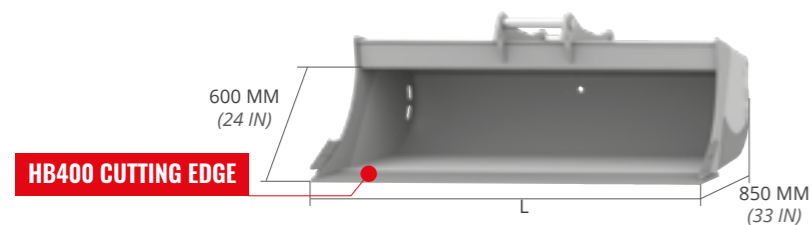


| L MM (IN) | WEIGHT KG* (LB*) | CAP. SAE L (GAL) | ADAPTERS |
|-----------------|------------------------|------------------------|--|
| 1300 (51) | 204 (449) | 300 (79,2) | AF - AR - CS CR - S - CM CW - CS JANUS PRO |
| 1400 (55) | 219 (482) | 325 (85,6) | AF - AR - CS CR - S - CM CW - CS JANUS PRO |
| 1500 (59) | 234 (515) | 350 (92,4) | AF - AR - CS CR - S - CM CW - CS JANUS PRO |
| 1600 (63) | 248 (546) | 375 (99,1) | AF - AR - CS CR - S - CM CW - CS JANUS PRO |
| 1800 (71) | 277 (610) | 425 (112,3) | AF - AR - CS CR - S - CM CW - CS JANUS PRO |

OPTIONAL

| 5 | 6 | 7 |
|-------|------------|--|
| BEZEL | REAR RAZOR | HB500 WELDED ADDITIONAL CUTTING EDGE |

SPS60 8°HD MACHINE WEIGHT 7,5 - 10,0 (16535 - 22046 lb)

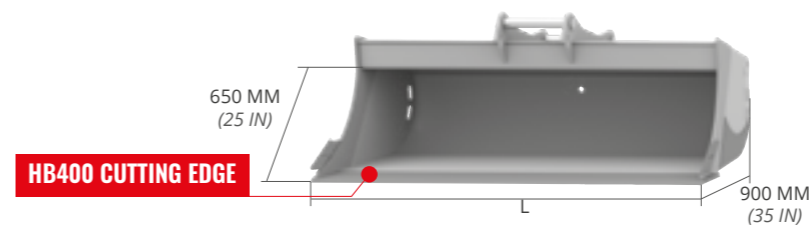


| L MM (IN) | WEIGHT KG* (LB*) | CAP. SAE L (GAL) | ADAPTERS |
|-----------------|------------------------|------------------------|---|
| 1400 (55) | 247 (544) | 360 (95,1) | AF - CS CR - S - CM CW - CS JANUS PRO |
| 1500 (59) | 263 (579) | 400 (105,7) | AF - CS CR - S - CM CW - CS JANUS PRO |
| 1600 (63) | 279 (615) | 430 (113,6) | AF - CS CR - S - CM CW - CS JANUS PRO |
| 1800 (71) | 309 (681) | 490 (129,4) | AF - CS CR - S - CM CW - CS JANUS PRO |
| 2000 (79) | 346 (762) | 550 (145,3) | AF - CS CR - S - CM CW - CS JANUS PRO |

OPTIONAL

| 5 | 6 | 7 |
|-------|------------|--|
| BEZEL | REAR RAZOR | HB500 WELDED ADDITIONAL CUTTING EDGE |

SPS65 8°HD MACHINE WEIGHT 10,0 - 14,0 (22046 - 30865 lb)



| L MM (IN) | WEIGHT KG* (LB*) | CAP. SAE L (GAL) | ADAPTERS |
|-----------------|------------------------|------------------------|--|
| 1400 (55) | 322 (710) | 466 (123,1) | AF - S - CM CS - CW CS JANUS PRO |
| 1500 (59) | 344 (758) | 500 (132,1) | AF - S - CM CS - CW CS JANUS PRO |
| 1600 (63) | 368(811) | 534 (141,1) | AF - S - CM CS - CW CS JANUS PRO |
| 1800 (71) | 412 (908) | 602 (159,1) | AF - S - CM CS - CW CS JANUS PRO |
| 2000 (79) | 455 (1003) | 670 (176,1) | AF - S - CM CS - CW CS JANUS PRO |

OPTIONAL

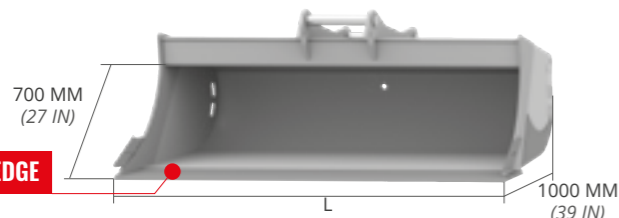
| 5 | 6 | 7 |
|-------|------------|--|
| BEZEL | REAR RAZOR | HB500 WELDED ADDITIONAL CUTTING EDGE |

* weight of the tank excluding attachment

* weight of the tank excluding attachment

SPS70 8°HD MACHINE WEIGHT 14,0 - 19,0 (30865 - 41887 lb)

| ADAPTERS | CS100 KG 45 (LB 99) | CS100 JANUS PRO KG 93 (LB 205) | CM180 KG 66 (LB 145) | S60 KG 57 (LB 125) | CW30 KG 66 (LB 145) |
|----------|------------------------|-----------------------------------|-------------------------|-----------------------|------------------------|
|----------|------------------------|-----------------------------------|-------------------------|-----------------------|------------------------|



HB400 CUTTING EDGE

OPTIONAL

| L MM (IN) | WEIGHT KG* (LB*) | CAP. SAE L (GAL) | ADAPTERS |
|-----------------|------------------------|------------------------|--------------|
| 1500 (59) | 422 (930) | 600 (158,5) | AF - S - CM |
| | | | CS - CW |
| 1600 (63) | 449 (989) | 640 (169,1) | CS JANUS PRO |
| | | | AF - S - CM |
| 1800 (71) | 503 (1108) | 720 (190,2) | CS - CW |
| | | | CS JANUS PRO |
| 2000 (79) | 555 (1223) | 800 (211,3) | AF - S - CM |
| | | | CS - CW |
| 2200 (87) | 605 (1333) | 880 (232,5) | CS JANUS PRO |
| | | | AF - S - CM |
| | | | CS - CW |
| | | | CS JANUS PRO |

| 5 | 6 | 7 |
|-------|------------|--|
| BEZEL | REAR RAZOR | HB500 WELDED ADDITIONAL CUTTING EDGE |



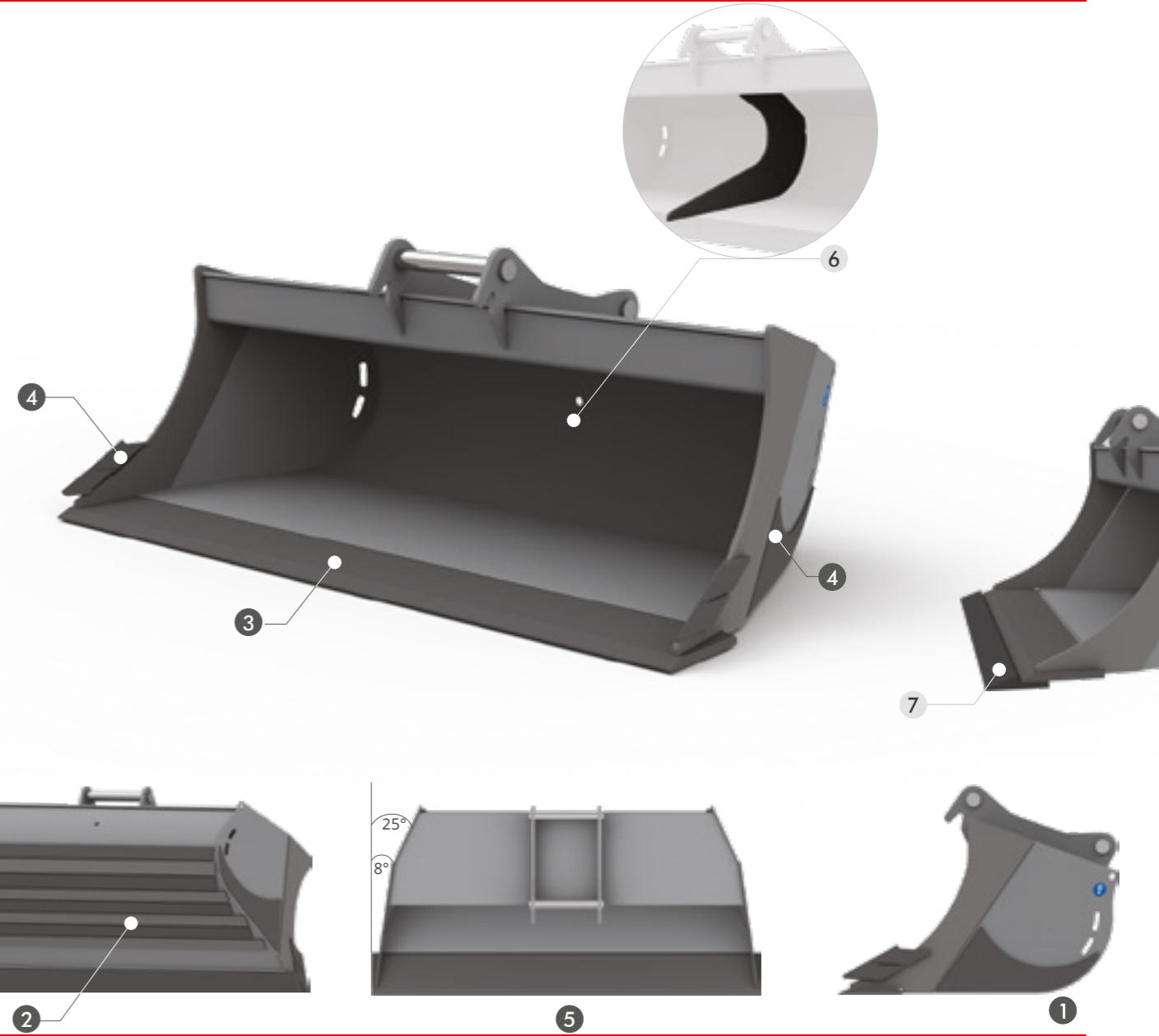
* weight of the tank excluding attachment



HB400



ADAPTERS



STANDARD TECHNICAL FEATURES

- 1 **ELONGATED PROFILE**
- 2 **HB400 REINFORCING STRIPS**
THE HORIZONTAL REINFORCING STRIPS ON THE BUCKET'S REAR AND BOTTOM PROTECT THE BUCKET FROM WEAR AND INCREASE ITS RESISTANCE.
- 3 **HB400 CUTTING EDGE**
- 4 **HB400 SIDE CAST CUTTERS AND SIDE REINFORCEMENTS**
THESE HB400 CAST CUTTERS ARE POSITIONED ON THE SURFACES MOSTLY SUBJECT TO WEAR GRANTING A HIGHER RESISTANCE.
- 5 **8° CONE SHAPE AND 25° HOLLOW PROFILE**

OPTIONAL

- 6 **BEZEL**
IT ENSURES A HIGHER STRUCTURAL RESISTANCE. **HIGHLY RECOMMENDED WITH BUCKETS 1400MM WIDE OR MORE.**
- 7 **HB500 welded additional cutting edge**
Recommended to work on particularly abrasive soils.

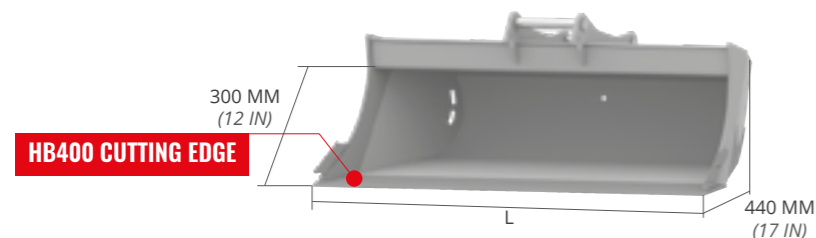
THE SPECIAL 25° HOLLOW PROFILE MAKES IT SUITABLE FOR A COMBINED USAGE WITH THE ROTOTWIST SYSTEM. THE 8° CONE-SHAPE REAR FORM ENABLES THE BUCKET TO ROTATE INSIDE THE EXCAVATION AREA WITHOUT SPOILING IT. IT HAS BEEN REINFORCED IN ALL THE MOST STRESSED AREAS. THE BLADE, THE SIDE CAST CUTTERS AND SIDE REINFORCEMENTS AND THE REAR STRIPS ARE MADE OF HB400.

THE INSTALLATION OF BEZELS IS HIGHLY RECOMMENDED FOR BUCKETS WIDER THAN 1400 MM, IN ORDER TO AVOID DAMAGES TO THE BUCKET IN CASE OF HEAVY DUTY JOBS OR WITH PARTICULARLY HARD TERRAINS:

- WIDTH FROM 1400 TO 1600 MM: NR. 1 BEZEL
- WIDTH FROM 1800 TO 2200 MM: NR. 2 BEZELS

| MOD. | SPS 30 25°HD | SPS 35 25°HD | SPS 40 25°HD | SPS 45 25°HD | SPS 50 25°HD | SPS 55 25°HD | SPS 60 25°HD | SPS 65 25°HD | SPS 70 25°HD |
|-----------|----------------------------|----------------------------|----------------------------|----------------------------|-----------------------------|------------------------------|-------------------------------|--------------------------------|--------------------------------|
| TONS (LB) | 0,8 - 1,5 (1764 - 3307) | 1,5 - 2,0 (3307 - 4409) | 2,0 - 3,0 (4409 - 6614) | 3,0 - 4,0 (6614 - 8818) | 4,0 - 6,0 (8818 - 13228) | 6,0 - 7,5 (13228 - 16535) | 7,5 - 10,0 (16535 - 22046) | 10,0 - 14,0 (19842 - 30865) | 14,0 - 19,0 (30865 - 41887) |

SPS30 25°HD MACHINE WEIGHT 0,8 - 1,5 (1764 - 3307 lb)

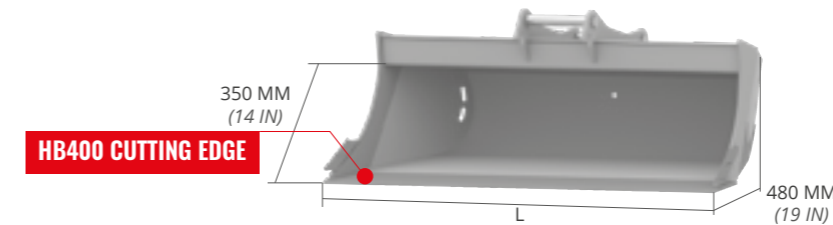


| L MM (IN) | WEIGHT KG* (LB*) | CAP. SAE L (GAL) | ADAPTERS |
|-----------------|------------------------|------------------------|--|
| 600 (24) | 30 (66) | 41 (10,8) | AF - AR - CS CR - S - CM CW - CS JANUS PRO |
| 700 (28) | 36 (79) | 49 (12,9) | AF - AR - CS CR - S - CM CW - CS JANUS PRO |
| 800 (31) | 41 (90) | 57 (15,0) | AF - AR - CS CR - S - CM CW - CS JANUS PRO |

OPTIONAL

6
HB500 WELDED ADDITIONAL CUTTING EDGE

SPS35 25°HD MACHINE WEIGHT 1,5 - 2,0 (3307 - 4409 lb)

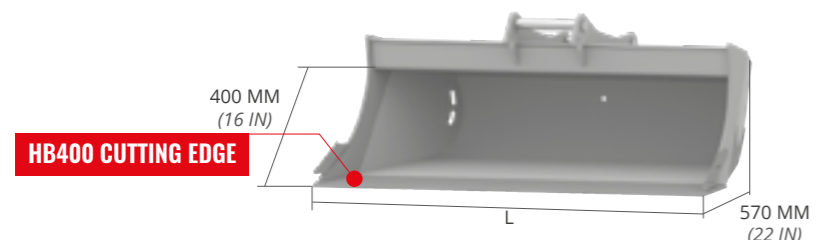


| L MM (IN) | WEIGHT KG* (LB*) | CAP. SAE L (GAL) | ADAPTERS |
|-----------------|------------------------|------------------------|--|
| 800 (31) | 49 (108) | 74 (19,5) | AF - AR - CS CR - S - CM CW - CS JANUS PRO |
| 900 (35) | 55 (121) | 84 (22,1) | AF - AR - CS CR - S - CM CW - CS JANUS PRO |
| 1000 (39) | 61 (134) | 94 (24,8) | AF - AR - CS CR - S - CM CW - CS JANUS PRO |
| 1200 (47) | 74 (163) | 114 (30,1) | AF - AR - CS CR - S - CM CW - CS JANUS PRO |

OPTIONAL

6
HB500 WELDED ADDITIONAL CUTTING EDGE

SPS40 25°HD MACHINE WEIGHT 2,0 - 3,0 (4409 - 6614 lb)

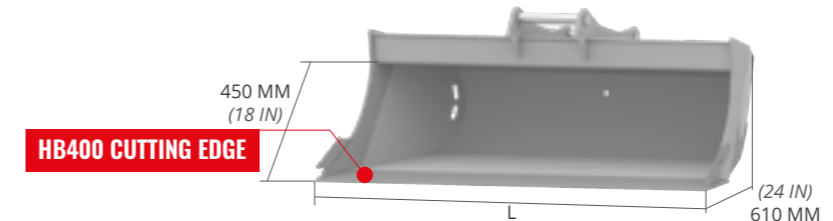


| L MM (IN) | WEIGHT KG* (LB*) | CAP. SAE L (GAL) | ADAPTERS |
|-----------------|------------------------|------------------------|--|
| 1000 (39) | 81 (178) | 113 (29,8) | AF - AR - CS CR - S - CM CW - CS JANUS PRO |
| 1100 (43) | 90 (198) | 127 (33,5) | AF - AR - CS CR - S - CM CW - CS JANUS PRO |
| 1200 (47) | 98 (216) | 141 (37,2) | AF - AR - CS CR - S - CM CW - CS JANUS PRO |
| 1400 (55) | 115 (253) | 155 (40,9) | AF - AR - CS CR - S - CM CW - CS JANUS PRO |

OPTIONAL

6
HB500 WELDED ADDITIONAL CUTTING EDGE

SPS45 25°HD MACHINE WEIGHT 3,0 - 4,0 (6614 - 8818 lb)



| L MM (IN) | WEIGHT KG* (LB*) | CAP. SAE L (GAL) | ADAPTERS |
|-----------------|------------------------|------------------------|--|
| 1000 (39) | 104 (229) | 129 (34,0) | AF - AR - CS CR - S - CM CW - CS JANUS PRO |
| 1100 (43) | 114 (251) | 147 (38,8) | AF - AR - CS CR - S - CM CW - CS JANUS PRO |
| 1200 (47) | 121 (266) | 165 (43,6) | AF - AR - CS CR - S - CM CW - CS JANUS PRO |
| 1400 (55) | 143 (315) | 201 (53,1) | AF - AR - CS CR - S - CM CW - CS JANUS PRO |
| 1500 (59) | 155 (341) | 219 (57,8) | AF - AR - CS CR - S - CM CW - CS JANUS PRO |

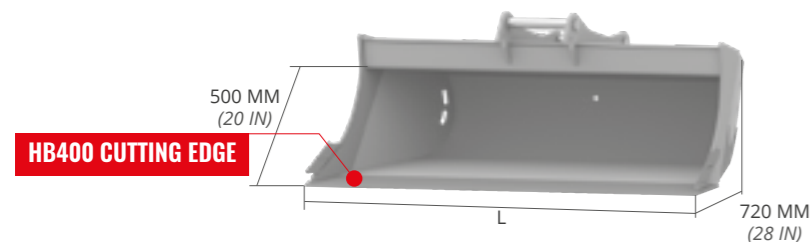
OPTIONAL

6
HB500 WELDED ADDITIONAL CUTTING EDGE

* weight of the tank excluding attachment

* weight of the tank excluding attachment

SPS50 25°HD MACHINE WEIGHT 4,0 - 6,0 (8818 - 13228 lb)

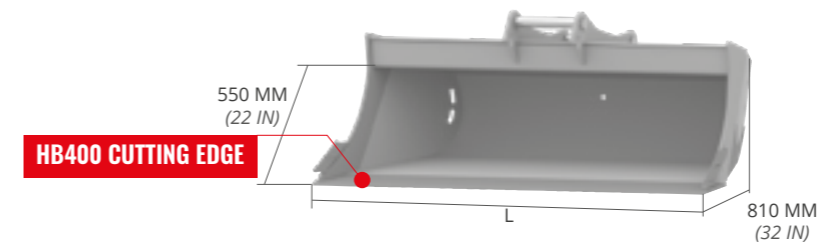


| L MM (IN) | WEIGHT KG* (LB*) | CAP. SAE L (GAL) | ADAPTERS |
|-----------------|------------------------|------------------------|--|
| 1200 (47) | 153 (337) | 204 (53,8) | AF - AR - CS CR - S - CM CW - CS JANUS PRO |
| 1300 (51) | 165 (363) | 224 (59,1) | AF - AR - CS CR - S - CM CW - CS JANUS PRO |
| 1400 (55) | 177 (390) | 244 (64,4) | AF - AR - CS CR - S - CM CW - CS JANUS PRO |
| 1600 (63) | 201 (443) | 284 (75,0) | AF - AR - CS CR - S - CM CW - CS JANUS PRO |

OPTIONAL

| 5 | 6 |
|-------|--------------------------------------|
| BEZEL | HB500 WELDED ADDITIONAL CUTTING EDGE |

SPS55 25°HD MACHINE WEIGHT 6,0 - 7,5 (13228 - 16535 lb)

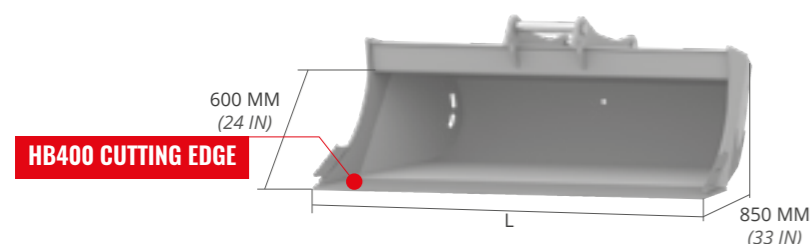


| L MM (IN) | WEIGHT KG* (LB*) | CAP. SAE L (GAL) | ADAPTERS |
|-----------------|------------------------|------------------------|--|
| 1300 (51) | 197 (434) | 290 (76,6) | AF - AR - CS CR - S - CM CW - CS JANUS PRO |
| 1400 (55) | 219 (482) | 315 (83,2) | AF - AR - CS CR - S - CM CW - CS JANUS PRO |
| 1500 (59) | 227 (500) | 340 (89,8) | AF - AR - CS CR - S - CM CW - CS JANUS PRO |
| 1600 (63) | 241 (531) | 365 (96,4) | AF - AR - CS CR - S - CM CW - CS JANUS PRO |
| 1800 (71) | 270 (595) | 415 (109,6) | AF - AR - CS CR - S - CM CW - CS JANUS PRO |

OPTIONAL

| 5 | 6 |
|-------|--------------------------------------|
| BEZEL | HB500 WELDED ADDITIONAL CUTTING EDGE |

SPS60 25°HD MACHINE WEIGHT 7,5 - 10,0 (16535 - 22046 lb)

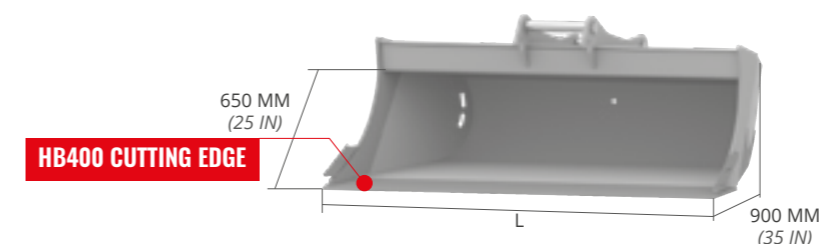


| L MM (IN) | WEIGHT KG* (LB*) | CAP. SAE L (GAL) | ADAPTERS |
|-----------------|------------------------|------------------------|---|
| 1400 (55) | 239 (526) | 345 (91,1) | AF - CS CR - S - CM CW - CS JANUS PRO |
| 1500 (59) | 255 (562) | 385 (101,7) | AF - CS CR - S - CM CW - CS JANUS PRO |
| 1600 (63) | 271 (597) | 415 (109,6) | AF - CS CR - S - CM CW - CS JANUS PRO |
| 1800 (71) | 301 (663) | 445 (117,5) | AF - CS CR - S - CM CW - CS JANUS PRO |
| 2000 (79) | 338 (745) | 505 (133,4) | AF - CS CR - S - CM CW - CS JANUS PRO |

OPTIONAL

| 5 | 6 |
|-------|--------------------------------------|
| BEZEL | HB500 WELDED ADDITIONAL CUTTING EDGE |

SPS65 25°HD MACHINE WEIGHT 10,0 - 14,0 (22046 - 30865 lb)



| L MM (IN) | WEIGHT KG* (LB*) | CAP. SAE L (GAL) | ADAPTERS |
|-----------------|------------------------|------------------------|--|
| 1400 (55) | 322 (709) | 448 (118,3) | AF - S - CM CS - CW CS JANUS PRO |
| 1500 (59) | 346 (762) | 482 (127,3) | AF - S - CM CS - CW CS JANUS PRO |
| 1600 (63) | 367 (809) | 516 (136,3) | AF - S - CM CS - CW CS JANUS PRO |
| 1800 (71) | 414 (912) | 584 (154,3) | AF - S - CM CS - CW CS JANUS PRO |
| 2000 (79) | 438 (965) | 652 (172) | AF - S - CM CS - CW CS JANUS PRO |

OPTIONAL

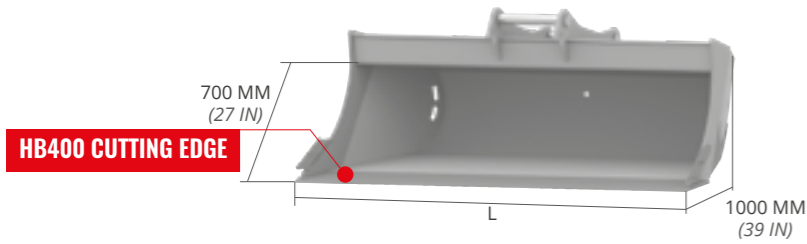
| 5 | 6 |
|-------|--------------------------------------|
| BEZEL | HB500 WELDED ADDITIONAL CUTTING EDGE |

* weight of the tank excluding attachment

* weight of the tank excluding attachment

SPS70 25°HD MACHINE WEIGHT 14,0 - 19,0 (30865 - 41887 lb)

| ADAPTERS | CS100 | CS100 JANUS PRO | CM180 | S60 | CW30 |
|----------|---|---|---|--|---|
| |  |  |  |  |  |
| | KG 45 (LB 99) | KG 93 (LB 205) | KG 66 (LB 145) | KG 57 (LB 125) | KG 66 (LB 145) |



| L MM (IN) | WEIGHT KG* (LB*) | CAP. SAE L (GAL) | ADAPTERS |
|-----------------|------------------------|------------------------|--|
| 1500 (59) | 397 (875) | 580 (153,2) | AF - S - CM CS - CW CS JANUS PRO |
| 1600 (63) | 424 (934) | 620 (163,8) | AF - S - CM CS - CW CS JANUS PRO |
| 1800 (71) | 478 (1053) | 700 (184,9) | AF - S - CM CS - CW CS JANUS PRO |
| 2000 (79) | 530 (1168) | 780 (206,1) | AF - S - CM CS - CW CS JANUS PRO |
| 2200 (87) | 580 (1278) | 860 (227,2) | AF - S - CM CS - CW CS JANUS PRO |

OPTIONAL

| | |
|-------|--------------------------------------|
| 5 | 6 |
| BEZEL | HB500 WELDED ADDITIONAL CUTTING EDGE |



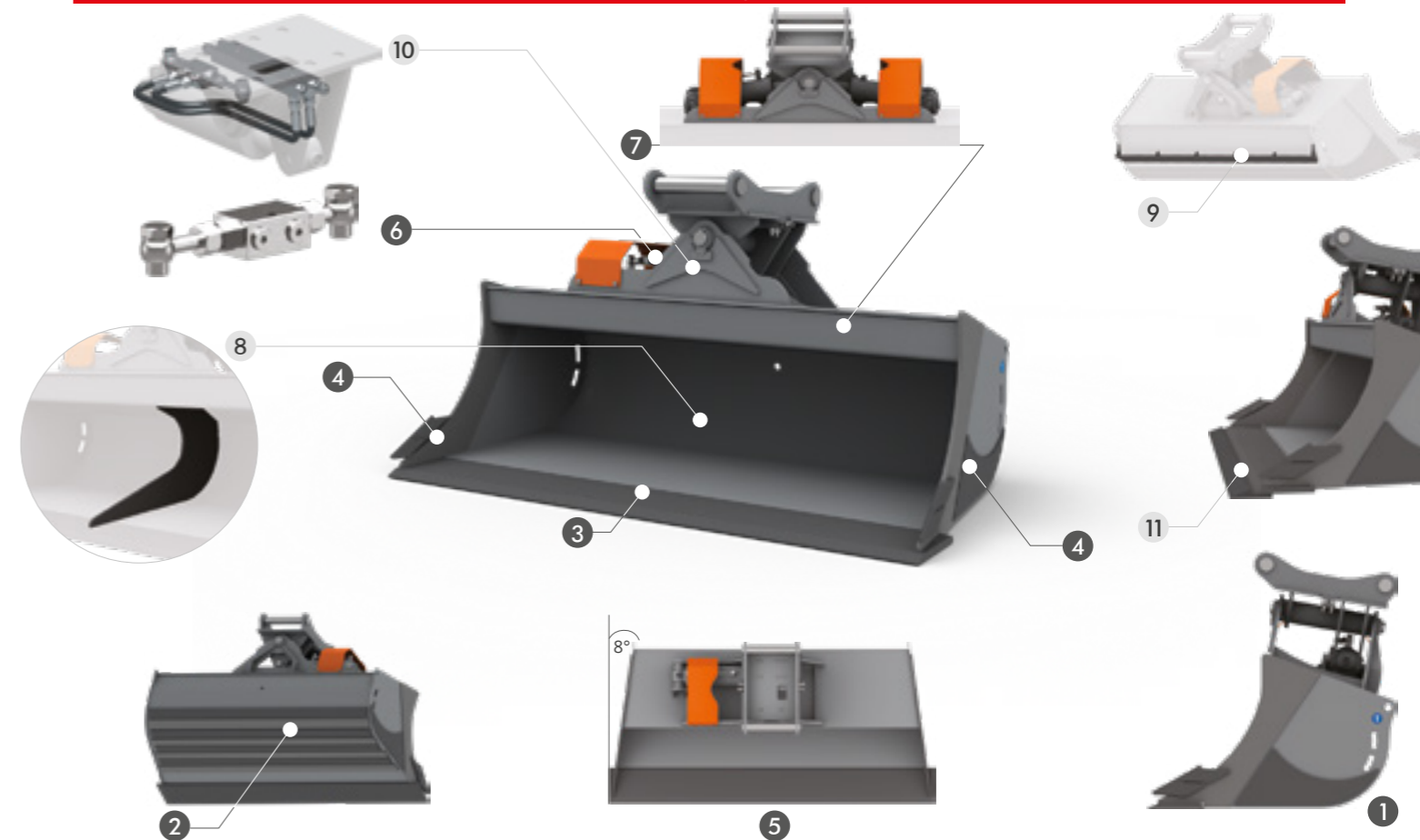
* weight of the tank excluding attachment



HB400



ADAPTERS



STANDARD TECHNICAL FEATURES

- 1 ELONGATED PROFILE**
- 2 HB400 REINFORCING STRIPS**
THE HORIZONTAL REINFORCING STRIPS ON THE BUCKET'S REAR AND BOTTOM PROTECT THE BUCKET FROM WEAR AND INCREASE ITS RESISTANCE.
- 3 HB400 CUTTING EDGE**
- 4 HB400 SIDE CAST CUTTERS AND SIDE REINFORCEMENTS**
THESE HB400 CAST CUTTERS ARE POSITIONED ON THE SURFACES MOSTLY SUBJECT TO WEAR GRANTING A HIGHER RESISTANCE.
- 5 8° CONE SHAPE**
- 6 BLOCK VALVE**
IT ALLOWS TO KEEP THE BUCKET POSITIONING DURING THE WORKING PHASE.
- 7 DOUBLE CYLINDER FOR SQS 65 8° HD AND SQS 70 8° HD MODELS**

OPTIONAL

- 8 BEZEL**
IT ENSURES A HIGHER STRUCTURAL RESISTANCE. **HIGHLY RECOMMENDED WITH BUCKETS 1400MM WIDE OR MORE.**
- 9 REAR RAZOR**
WHEN THE MACHINE'S ARM IS KEPT CLOSED, IT ALLOWS TO FINISH SURFACES EVENLY.
- 10 PIPE KIT**
OPTIONAL KIT INSTALLED ON THE BUCKET FOR THE FEEDING OF THE HYDRAULIC CYLINDER. IT ALLOWS THE USE OF TWO OUTLETS ON THE RIGHT AND TWO OUTLETS ON THE LEFT FOR THE HYDRAULIC CONNECTION TO THE MACHINE REDUCING THE INSTALLATION TIMES. THE CONNECTING PIPES ARE NOT SUPPLIED.
- 11 HB500 WELDED ADDITIONAL CUTTING EDGE**
Recommended to work on particularly abrasive soils.

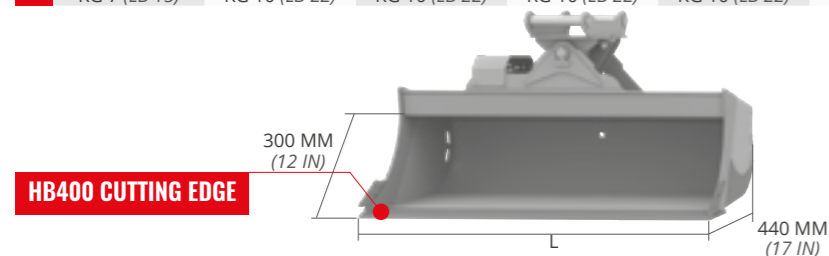
ITS TILTING SYSTEM ENABLES TO TILT IT BY 45° ON BOTH SIDES. ITS ELONGATED SHAPE AVOIDS THAT THE GROUND STICKS TO THE BUCKET'S SIDE WALLS AND SIMPLIFIES THE DISCHARGE OF LOAMY AND WET MATERIALS. USED MAINLY TO CLEAN AND LEVEL STREETS, DITCHES AND DIKES. IT HAS BEEN REINFORCED IN ALL THE MOST STRESSED AREAS. THE BLADE, THE SIDE CAST CUTTERS AND SIDE REINFORCEMENTS AND THE REAR STRIPS ARE MADE OF HB400.

THE INSTALLATION OF BEZELS IS HIGHLY RECOMMENDED FOR BUCKETS WIDER THAN 1400 MM, IN ORDER TO AVOID DAMAGES TO THE BUCKET IN CASE OF HEAVY DUTY JOBS OR WITH PARTICULARLY HARD TERRAINS:

- WIDTH FROM 1400 TO 1600 MM: NR. 1 BEZEL
- WIDTH FROM 1800 TO 2200 MM: NR. 2 BEZELS

| MOD. | SQS 30 8°HD | SQS 35 8°HD | SQS 40 8°HD | SQS 45 8°HD | SQS 50 8°HD | SQS 55 8°HD | SQS 60 8°HD | SQS 65 8°HD | SQS 70 8°HD |
|-----------|----------------------------|----------------------------|----------------------------|----------------------------|-----------------------------|------------------------------|-------------------------------|--------------------------------|--------------------------------|
| TONS (LB) | 0,8 - 1,5 (1764 - 3307) | 1,5 - 2,0 (3307 - 4409) | 2,0 - 3,0 (4409 - 6614) | 3,0 - 4,0 (6614 - 8818) | 4,0 - 6,0 (8818 - 13228) | 6,0 - 7,5 (13228 - 16535) | 7,5 - 10,0 (16535 - 22046) | 10,0 - 14,0 (19842 - 30865) | 14,0 - 19,0 (30865 - 41887) |

SQS30 8°HD MACHINE WEIGHT 0,8 - 1,5 (1764 - 3307 lb)

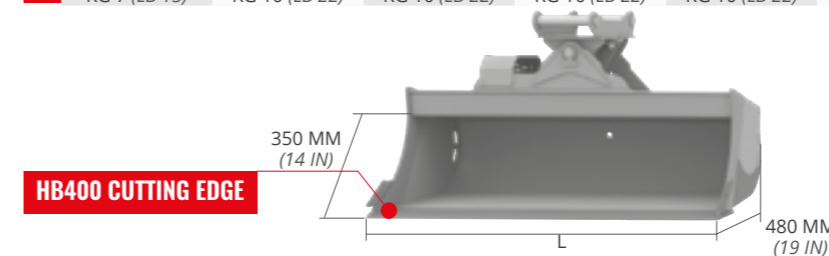


| L MM (IN) | WEIGHT KG* (LB*) | CAP. SAE L (GAL) | ADAPTERS |
|-----------------|------------------------|------------------------|--|
| 800 (31) | 59 (130) | 58 (22,4) | AF - AR - CS CR - S - CM CW - CS JANUS PRO |

OPTIONAL

| 8 | 9 | 10 |
|------------|----------|--|
| REAR RAZOR | PIPE KIT | HB500 WELDED ADDITIONAL CUTTING EDGE |

SQS35 8°HD MACHINE WEIGHT 1,5 - 2,0 (3307 - 4409 lb)

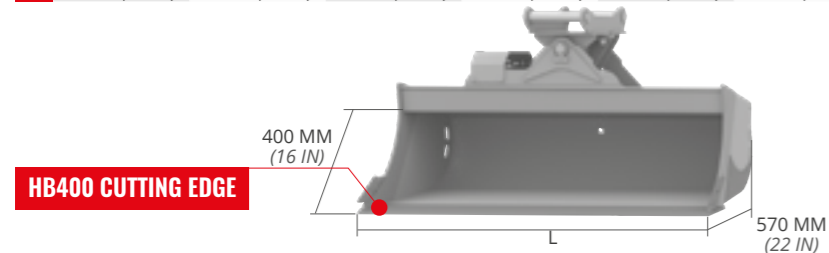
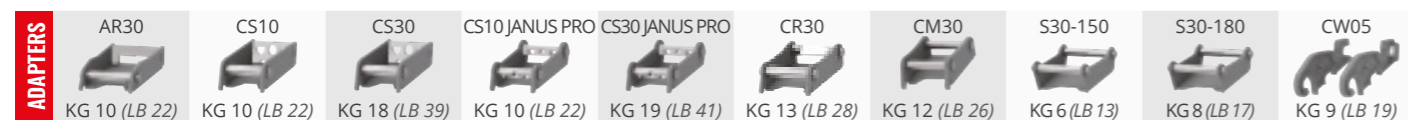


| L MM (IN) | WEIGHT KG* (LB*) | CAP. SAE L (GAL) | ADAPTERS |
|-----------------|------------------------|------------------------|--|
| 900 (35) | 79 (174) | 85 (22,4) | AF - AR - CS CR - S - CM CW - CS JANUS PRO |
| 1000 (39) | 85 (187) | 95 (25,1) | AF - AR - CS CR - S - CM CW - CS JANUS PRO |
| 1200 (47) | 98 (216) | 115 (30,4) | AF - AR - CS CR - S - CM CW - CS JANUS PRO |

OPTIONAL

| 8 | 9 | 10 |
|------------|----------|--|
| REAR RAZOR | PIPE KIT | HB500 WELDED ADDITIONAL CUTTING EDGE |

SQS40 8°HD MACHINE WEIGHT 2,0 - 3,0 (4409 - 6614 lb)

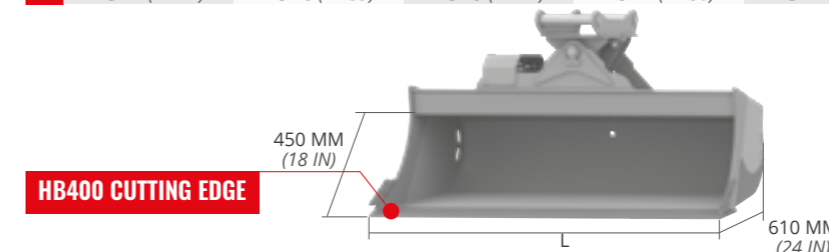


| L MM (IN) | WEIGHT KG* (LB*) | CAP. SAE L (GAL) | ADAPTERS |
|-----------------|------------------------|------------------------|--|
| 1100 (43) | 138 (304) | 129 (34,1) | AF - AR - CS CR - S - CM CW - CS JANUS PRO |
| 1200 (47) | 146 (321) | 143 (37,8) | AF - AR - CS CR - S - CM CW - CS JANUS PRO |
| 1400 (55) | 163 (359) | 157 (41,5) | AF - AR - CS CR - S - CM CW - CS JANUS PRO |

OPTIONAL

| 8 | 9 | 10 |
|------------|----------|--|
| REAR RAZOR | PIPE KIT | HB500 WELDED ADDITIONAL CUTTING EDGE |

SQS45 8°HD MACHINE WEIGHT 3,0 - 4,0 (6614 - 8818 lb)



| L MM (IN) | WEIGHT KG* (LB*) | CAP. SAE L (GAL) | ADAPTERS |
|-----------------|------------------------|------------------------|--|
| 1100 (43) | 163 (359) | 150 (39,6) | AF - AR - CS CR - S - CM CW - CS JANUS PRO |
| 1200 (47) | 170 (374) | 168 (44,4) | AF - AR - CS CR - S - CM CW - CS JANUS PRO |
| 1400 (55) | 192 (423) | 204 (53,9) | AF - AR - CS CR - S - CM CW - CS JANUS PRO |
| 1500 (59) | 204 (449) | 222 (58,6) | AF - AR - CS CR - S - CM CW - CS JANUS PRO |

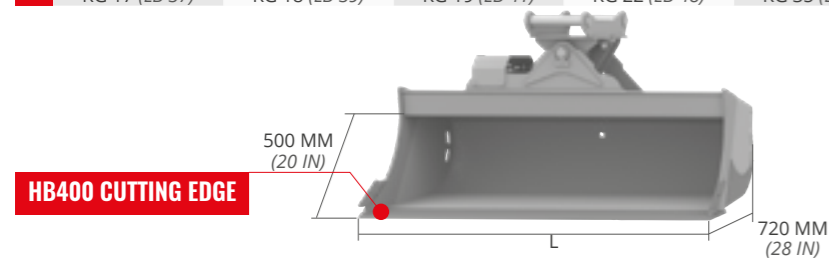
OPTIONAL

| 8 | 9 | 10 |
|------------|----------|--|
| REAR RAZOR | PIPE KIT | HB500 WELDED ADDITIONAL CUTTING EDGE |

* weight of the tank excluding attachment

* weight of the tank excluding attachment

SQS50 8°HD MACHINE WEIGHT 4,0 - 6,0 (8818 - 13228 lb)



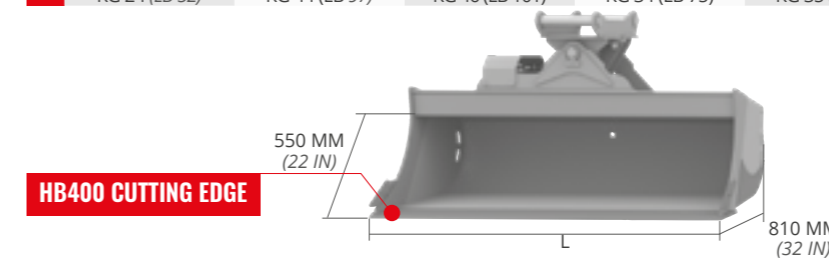
HB400 CUTTING EDGE

| L MM (IN) | WEIGHT KG* (LB*) | CAP. SAE L (GAL) | ADAPTERS |
|-----------------|------------------------|------------------------|--|
| 1200 (47) | 218 (480) | 210 (55,5) | AF - AR - CS CR - S - CM CW - CS JANUS PRO |
| 1300 (51) | 230 (507) | 230 (60,8) | AF - AR - CS CR - S - CM CW - CS JANUS PRO |
| 1400 (55) | 242 (533) | 250 (66,0) | AF - AR - CS CR - S - CM CW - CS JANUS PRO |
| 1600 (63) | 266 (586) | 290 (76,7) | AF - AR - CS CR - S - CM CW - CS JANUS PRO |

OPTIONAL

- 7 BEZEL
- 8 REAR RAZOR
- 9 PIPE KIT
- 10 HB500 WELDED ADDITIONAL CUTTING EDGE

SQS55 8°HD MACHINE WEIGHT 6,0 - 7,5 (13228 - 16535 lb)



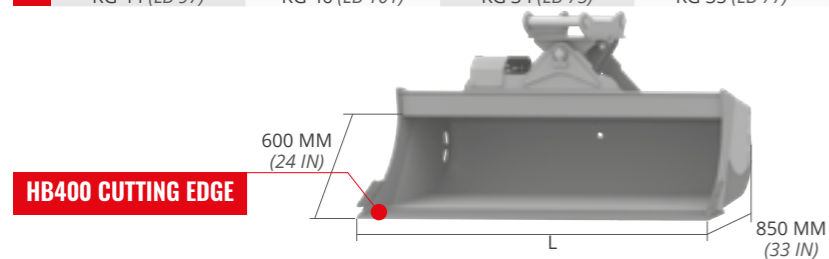
HB400 CUTTING EDGE

| L MM (IN) | WEIGHT KG* (LB*) | CAP. SAE L (GAL) | ADAPTERS |
|-----------------|------------------------|------------------------|--|
| 1300 (51) | 294 (648) | 300 (79,2) | AF - AR - CS CR - S - CM CW - CS JANUS PRO |
| 1400 (55) | 309 (681) | 325 (85,6) | AF - AR - CS CR - S - CM CW - CS JANUS PRO |
| 1500 (59) | 324 (714) | 350 (92,4) | AF - AR - CS CR - S - CM CW - CS JANUS PRO |
| 1600 (63) | 338 (745) | 375 (99,1) | AF - AR - CS CR - S - CM CW - CS JANUS PRO |
| 1800 (71) | 367 (809) | 425 (112,3) | AF - AR - CS CR - S - CM CW - CS JANUS PRO |

OPTIONAL

- 7 BEZEL
- 8 REAR RAZOR
- 9 PIPE KIT
- 10 HB500 WELDED ADDITIONAL CUTTING EDGE

SQS60 8°HD MACHINE WEIGHT 7,5 - 10,0 (16535 - 22046 lb)



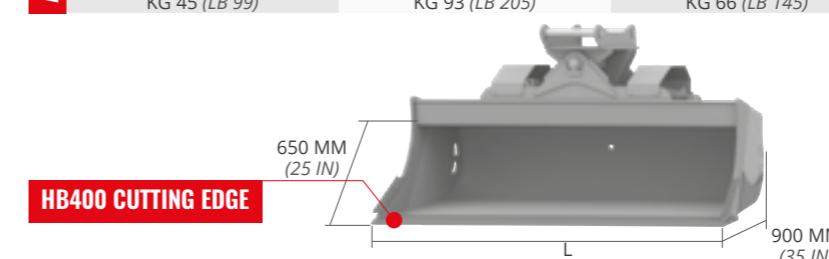
HB400 CUTTING EDGE

| L MM (IN) | WEIGHT KG* (LB*) | CAP. SAE L (GAL) | ADAPTERS |
|-----------------|------------------------|------------------------|---|
| 1400 (55) | 337 (743) | 360 (95,1) | AF - CS CR - S - CM CW - CS JANUS PRO |
| 1500 (59) | 353 (778) | 400 (105,7) | AF - CS CR - S - CM CW - CS JANUS PRO |
| 1600 (63) | 369 (813) | 430 (113,6) | AF - CS CR - S - CM CW - CS JANUS PRO |
| 1800 (71) | 399 (879) | 490 (129,4) | AF - CS CR - S - CM CW - CS JANUS PRO |
| 2000 (79) | 436 (961) | 550 (145,3) | AF - CS CR - S - CM CW - CS JANUS PRO |

OPTIONAL

- 7 BEZEL
- 8 REAR RAZOR
- 9 PIPE KIT
- 10 HB500 WELDED ADDITIONAL CUTTING EDGE

SQS65 8°HD MACHINE WEIGHT 10,0 - 14,0 (22046 - 30865 lb)



HB400 CUTTING EDGE

| L MM (IN) | WEIGHT KG* (LB*) | CAP. SAE L (GAL) | ADAPTERS |
|-----------------|------------------------|------------------------|--|
| 1400 (55) | 552 (996) | 466 (123,1) | AF - S - CM CS - CW CS JANUS PRO |
| 1500 (59) | 474 (1045) | 500 (132,1) | AF - S - CM CS - CW CS JANUS PRO |
| 1600 (63) | 498 (1098) | 534 (141,1) | AF - S - CM CS - CW CS JANUS PRO |
| 1800 (71) | 542 (1195) | 602 (159,1) | AF - S - CM CS - CW CS JANUS PRO |
| 2000 (79) | 585 (1290) | 670 (176,1) | AF - S - CM CS - CW CS JANUS PRO |

OPTIONAL

- 7 BEZEL
- 8 REAR RAZOR
- 9 PIPE KIT
- 10 HB500 WELDED ADDITIONAL CUTTING EDGE

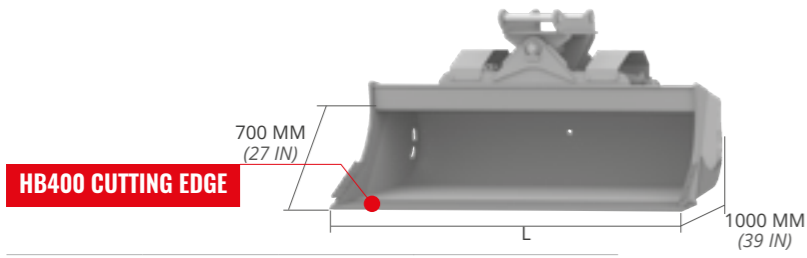
* weight of the tank excluding attachment

* weight of the tank excluding attachment

SQS70 8°HD

MACHINE WEIGHT 14,0 - 19,0 (30865 - 41887 lb)

| ADAPTERS | CS100 | CS100 JANUS PRO | CM180 | S60 | CW30 |
|----------|---|---|---|--|---|
| |  |  |  |  |  |
| | KG 45 (LB 99) | KG 93 (LB 205) | KG 66 (LB 145) | KG 57 (LB 125) | KG 57 (LB 126) |



| L MM (IN) | WEIGHT KG* (LB*) | CAP. SAE L (GAL) | ADAPTERS |
|-----------------|------------------------|------------------------|--------------|
| 1500 (59) | 552 (1217) | 600 (158,5) | AF - S - CM |
| | | | CS - CW |
| | | | CS JANUS PRO |
| 1600 (63) | 579 (1276) | 640 (169,1) | AF - S - CM |
| | | | CS - CW |
| | | | CS JANUS PRO |
| 1800 (71) | 633 (1395) | 720 (190,2) | AF - S - CM |
| | | | CS - CW |
| | | | CS JANUS PRO |
| 2000 (79) | 685 (1510) | 800 (211,3) | AF - S - CM |
| | | | CS - CW |
| | | | CS JANUS PRO |
| 2200 (87) | 735 (1620) | 880 (232,5) | AF - S - CM |
| | | | CS - CW |
| | | | CS JANUS PRO |

OPTIONAL

- 7
BEZEL
- 8
REAR RAZOR
- 9
PIPE KIT
- 10
HB500 WELDED
ADDITIONAL
CUTTING EDGE



* weight of the tank excluding attachment



NETHERLANDS DIGGING BUCKET

310

SCN



NETHERLANDS DITCH CLEANING BUCKET

328

SPN



NETHERLANDS STONE BUCKET

316

BN



NETHERLANDS TILTING DITCH CLEANING BUCKET

334

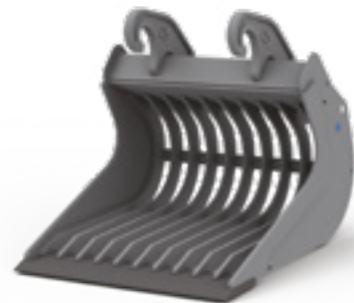
SQN



NETHERLANDS SKELETON BUCKET

322

VN

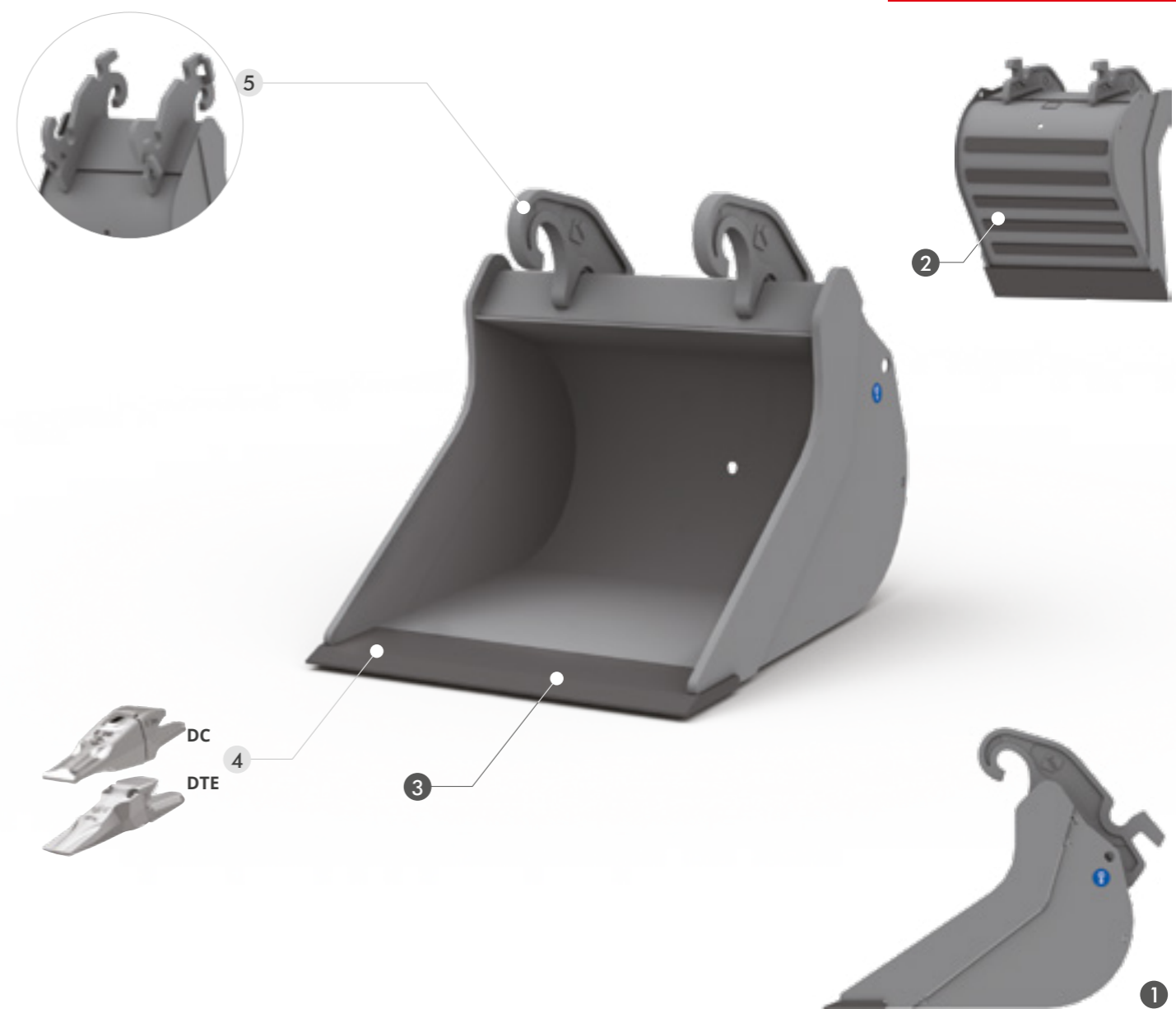




ITS ELONGATED PROFILE AVOIDS THAT THE GROUND STICKS TO THE BUCKET'S SIDE WALLS AND SIMPLIFIES THE DISCHARGE OF LOAMY AND WET MATERIALS. IT IS EQUIPPED WITH HB400 BLADE.



ADAPTERS



STANDARD TECHNICAL FEATURES

- 1 **ELONGATED PROFILE**
- 2 **REINFORCING STRIPS**
THE HORIZONTAL REINFORCING STRIPS ON THE BUCKET'S REAR AND BOTTOM PROTECT THE BUCKET FROM WEAR AND INCREASE ITS RESISTANCE.
- 3 **HB400 BLADE**

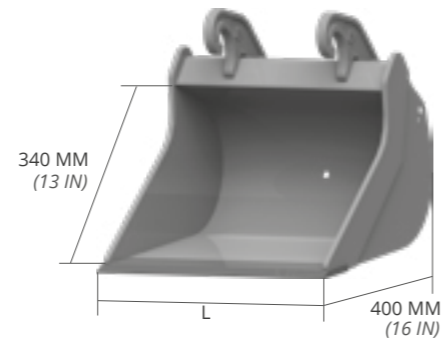
OPTIONAL


- 4 **DC TEETH OR DTE TEETH**
- 5 **CW REVERSIBLE VERSION**
THIS ADAPTER MAKES THE BUCKET REVERSIBLE.

| | | | | | | | |
|-----------|-------------------------|-------------------------|-------------------------|-------------------------|--------------------------|---------------------------|----------------------------|
| TONS (LB) | 0,6 - 1,2 (1323 - 2646) | 1,2 - 1,8 (2646 - 3968) | 1,8 - 2,5 (3968 - 5512) | 2,5 - 4,0 (5512 - 8818) | 4,0 - 6,0 (8818 - 13228) | 6,0 - 7,5 (13228 - 16535) | 7,5 - 12,0 (16535 - 26455) |
| MOD. | SCN35 | SCN41 | SCN52 | SCN60 | SCN66 | SCN75 | SCN85 |

SCN35 MACHINE WEIGHT 0,6 - 1,2 t (1323 - 2646 lb)

ADAPTERS



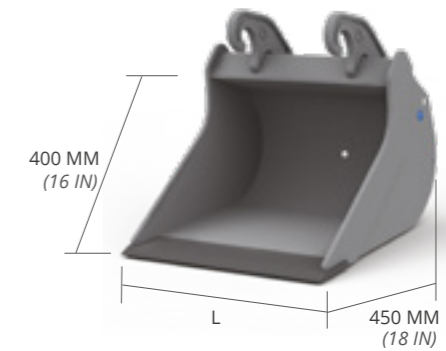
| L MM (IN) | WEIGHT KG* (LB*) | CAP. SAE L (GAL) |  |
|--------------|---------------------|---------------------|---|
| 300 (12) | 19 (42) | 21 (5,5) | AF |
| 300 (12) | 19 (42) | 21 (5,5) | CW |
| 400 (16) | 23 (51) | 31 (8,2) | AF |
| 400 (16) | 23 (51) | 31 (8,2) | CW |
| 500 (20) | 28 (62) | 47 (12,4) | AF |
| 500 (20) | 28 (62) | 47 (12,4) | CW |


OPTIONAL

| 4 | 4 | 5 |
|----------|-----------|-----------------------|
| DC TEETH | DTE TEETH | CW REVERSIBLE VERSION |

SCN41 MACHINE WEIGHT 1,2 - 1,8 t (2646 - 3968 lb)

ADAPTERS



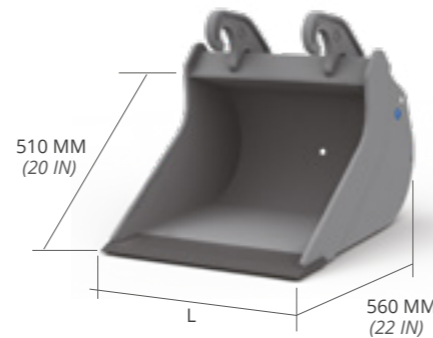
| L MM (IN) | WEIGHT KG* (LB*) | CAP. SAE L (GAL) |  |
|--------------|---------------------|---------------------|---|
| 300 (12) | 32 (71) | 34 (9,0) | AF |
| 300 (12) | 32 (71) | 34 (9,0) | CW |
| 400 (16) | 40 (88) | 51 (13,5) | AF |
| 400 (16) | 40 (88) | 51 (13,5) | CW |
| 500 (20) | 47 (104) | 69 (18,2) | AF |
| 500 (20) | 47 (104) | 69 (18,2) | CW |
| 600 (24) | 54 (119) | 87 (23,0) | AF |
| 600 (24) | 54 (119) | 87 (23,0) | CW |


OPTIONAL

| 4 | 4 | 5 |
|----------|-----------|-----------------------|
| DC TEETH | DTE TEETH | CW REVERSIBLE VERSION |

SCN52 MACHINE WEIGHT 1,8 - 2,5 t (3968 - 5512 lb)

ADAPTERS



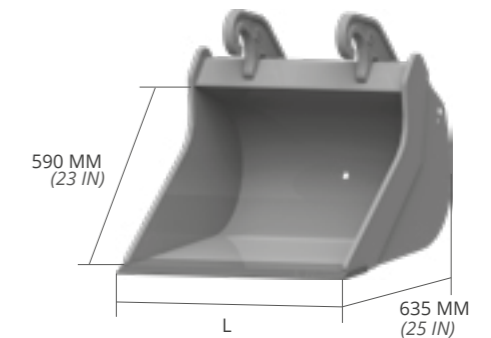
| L MM (IN) | WEIGHT KG* (LB*) | CAP. SAE L (GAL) |  |
|--------------|---------------------|---------------------|---|
| 300 (12) | 22 (48) | 26 (6,9) | AF |
| 300 (12) | 22 (48) | 26 (6,9) | CW |
| 400 (16) | 27 (59) | 38 (10,0) | AF |
| 400 (16) | 27 (59) | 38 (10,0) | CW |
| 500 (20) | 32 (70) | 52 (13,7) | AF |
| 500 (20) | 32 (70) | 52 (13,7) | CW |
| 600 (24) | 37 (82) | 75 (19,8) | AF |
| 600 (24) | 37 (82) | 75 (19,8) | CW |


OPTIONAL

| 4 | 4 | 5 |
|----------|-----------|-----------------------|
| DC TEETH | DTE TEETH | CW REVERSIBLE VERSION |

SCN60 MACHINE WEIGHT 2,5 - 4,0 t (5512 - 8818 lb)

ADAPTERS



| L MM (IN) | WEIGHT KG* (LB*) | CAP. SAE L (GAL) |  |
|--------------|---------------------|---------------------|---|
| 300 (12) | 41 (90) | 121 (12,2) | AF |
| 300 (12) | 41 (90) | 121 (12,2) | CW |
| 400 (16) | 49 (108) | 69 (18,2) | AF |
| 400 (16) | 49 (108) | 69 (18,2) | CW |
| 500 (20) | 57 (126) | 93 (24,6) | AF |
| 500 (20) | 57 (126) | 93 (24,6) | CW |
| 600 (24) | 65 (143) | 118 (31,2) | AF |
| 600 (24) | 65 (143) | 118 (31,2) | CW |

OPTIONAL

| 4 | 4 | 5 |
|----------|-----------|-----------------------|
| DC TEETH | DTE TEETH | CW REVERSIBLE VERSION |

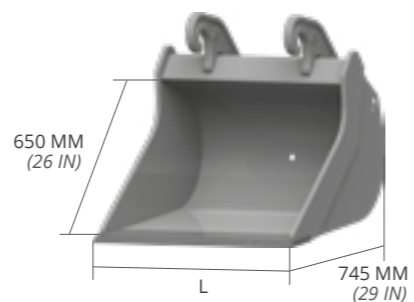
* weight of the tank excluding attachment


* weight of the tank excluding attachment

SCN66 MACHINE WEIGHT 4,0 - 6,0 t (8818 - 13228 lb)

ADAPTERS

CW10
KG 23 (LB 50)



| L MM (IN) | WEIGHT KG* (LB*) | CAP. SAE L (GAL) |  |
|--------------|---------------------|---------------------|---|
| 400 (16) | 65 (143) | 79 (20,9) | AF |
| 400 (16) | 65 (143) | 79 (20,9) | CW |
| 500 (20) | 75 (165) | 107 (28,3) | AF |
| 500 (20) | 75 (165) | 107 (28,3) | CW |
| 600 (24) | 86 (190) | 137 (36,2) | AF |
| 600 (24) | 86 (190) | 137 (36,2) | CW |
| 700 (28) | 97 (214) | 168 (44,4) | AF |
| 700 (28) | 97 (214) | 168 (44,4) | CW |

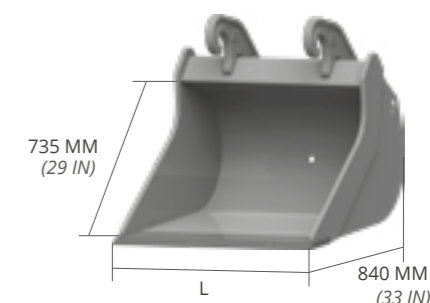
OPTIONAL


| 4 | 4 | 5 |
|----------|-----------|-----------------------|
| DC TEETH | DTE TEETH | CW REVERSIBLE VERSION |

SCN75 MACHINE WEIGHT 6,0 - 7,5 t (13228 - 16535 lb)

ADAPTERS

CW10
KG 23 (LB 50)



| L MM (IN) | WEIGHT KG* (LB*) | CAP. SAE L (GAL) |  |
|--------------|---------------------|---------------------|---|
| 400 (16) | 85 (187) | 94 (24,8) | AF |
| 400 (16) | 85 (187) | 94 (24,8) | CW |
| 500 (20) | 100 (220) | 128 (33,8) | AF |
| 500 (20) | 100 (220) | 128 (33,8) | CW |
| 600 (24) | 114 (251) | 165 (43,6) | AF |
| 600 (24) | 114 (251) | 165 (43,6) | CW |
| 700 (28) | 128 (282) | 203 (53,6) | AF |
| 700 (28) | 128 (282) | 203 (53,6) | CW |
| 800 (31) | 142 (313) | 243 (64,2) | AF |
| 800 (31) | 142 (313) | 243 (64,2) | CW |

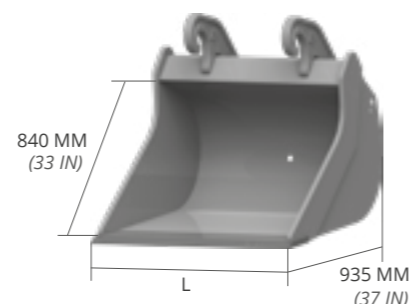
OPTIONAL


| 4 | 4 | 5 |
|----------|-----------|-----------------------|
| DC TEETH | DTE TEETH | CW REVERSIBLE VERSION |

SCN85 MACHINE WEIGHT 7,5 - 12,0 t (16535 - 26455 lb)

ADAPTERS

CW10
KG 23 (LB 50)



| L MM (IN) | WEIGHT KG* (LB*) | CAP. SAE L (GAL) |  |
|--------------|---------------------|---------------------|---|
| 400 (16) | 98 (216) | 121 (32,0) | AF |
| 400 (16) | 98 (216) | 121 (32,0) | CW |
| 500 (20) | 112 (247) | 160 (42,3) | AF |
| 500 (20) | 112 (247) | 160 (42,3) | CW |
| 600 (24) | 127 (280) | 205 (54,2) | AF |
| 600 (24) | 127 (280) | 205 (54,2) | CW |
| 700 (28) | 142 (313) | 252 (66,6) | AF |
| 700 (28) | 142 (313) | 252 (66,6) | CW |
| 800 (31) | 157 (346) | 301 (79,5) | AF |
| 800 (31) | 157 (346) | 301 (79,5) | CW |
| 900 (35) | 172 (379) | 352 (93,0) | AF |
| 900 (35) | 172 (379) | 352 (93,0) | CW |

OPTIONAL

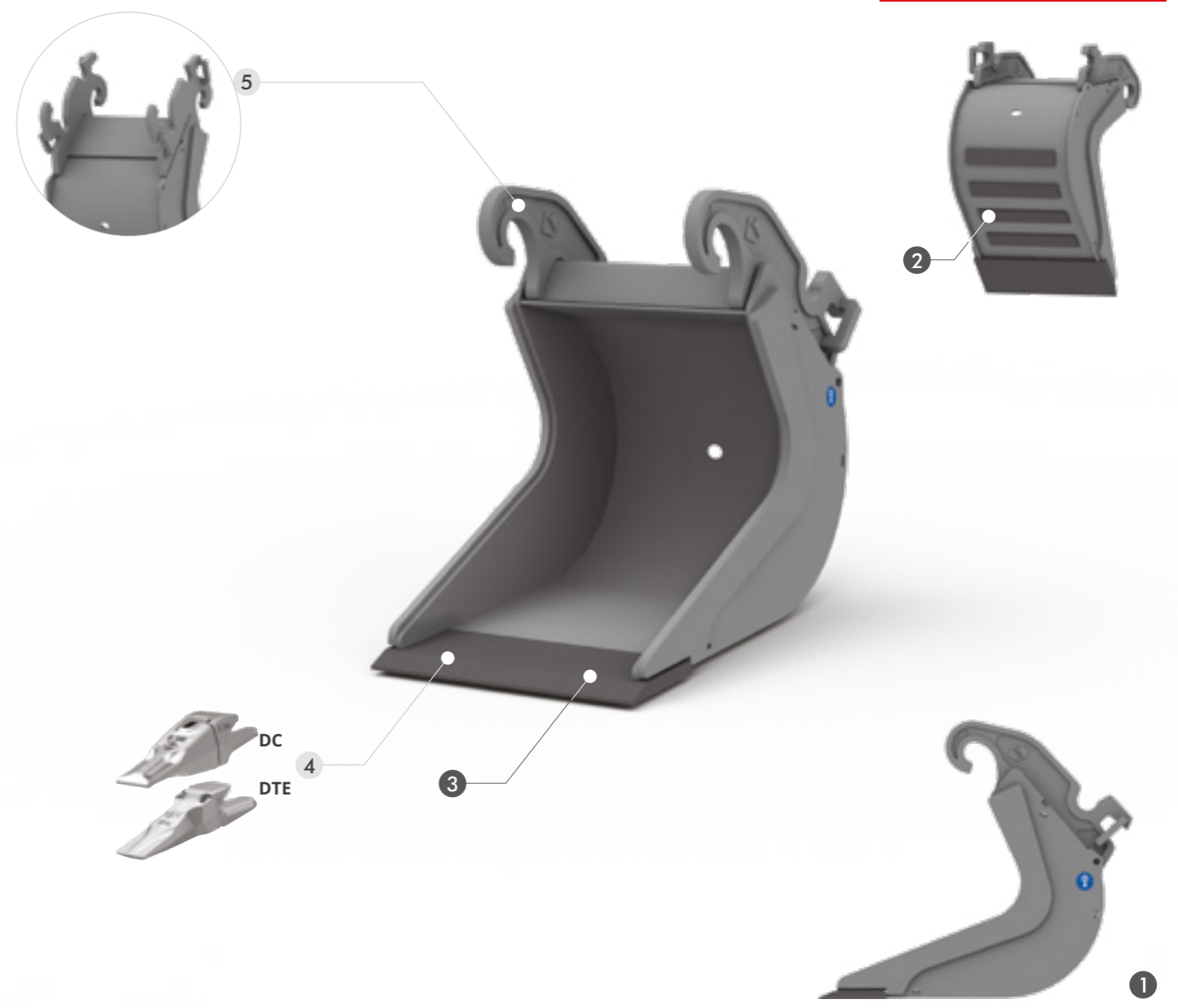
| 4 | 4 | 5 |
|----------|-----------|-----------------------|
| DC TEETH | DTE TEETH | CW REVERSIBLE VERSION |

* weight of the tank excluding attachment

* weight of the tank excluding attachment



ADAPTERS



STANDARD TECHNICAL FEATURES

- 1 ELONGATED PROFILE**
- 2 REINFORCING STRIPS**
THE HORIZONTAL REINFORCING STRIPS ON THE BUCKET'S REAR AND BOTTOM PROTECT THE BUCKET FROM WEAR AND INCREASE ITS RESISTANCE.
- 3 HB400 BLADE**

OPTIONAL

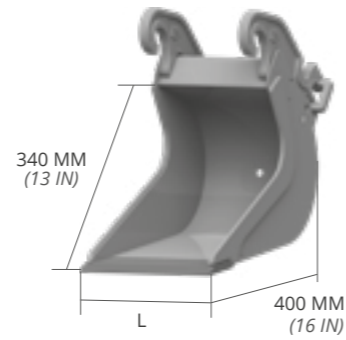
- 4 DC TEETH OR DTE TEETH**
- 5 CW REVERSIBLE VERSION**
THIS ADAPTER MAKES THE BUCKET REVERSIBLE.


ITS ELONGATED SHAPE AVOIDS THAT THE GROUND STICKS TO THE BUCKET'S SIDE WALLS AND SIMPLIFIES THE DISCHARGE OF LOAMY AND WET MATERIALS. ITS HOLLOW SIDE WALLS HELP THE CROSSING OF GAS AND HYDRAULIC PIPES OR PLANTS, ETC. IT IS EQUIPPED WITH HB400 BLADE.

| TONS (LB) | 0,6 - 1,2 (1323 - 2646) | 1,2 - 1,8 (2646 - 3968) | 1,8 - 2,5 (3968 - 5512) | 2,5 - 4,0 (5512 - 8818) | 4,0 - 6,0 (8818 - 13228) | 6,0 - 7,5 (13228 - 16535) | 7,5 - 12,0 (16535 - 26455) |
|-----------|-------------------------|-------------------------|-------------------------|-------------------------|--------------------------|---------------------------|----------------------------|
| MOD. | BN35 | BN41 | BN52 | BN60 | BN66 | BN75 | BN85 |

BN35 MACHINE WEIGHT 0,6 - 1,2 t (1323 - 2646 lb)

ADAPTERS



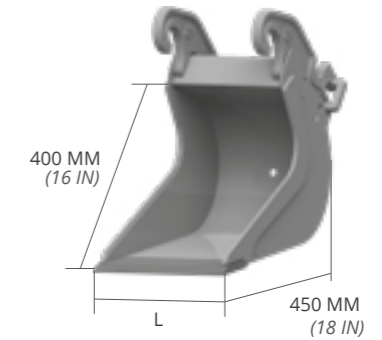
| L MM (IN) | WEIGHT KG* (LB*) | CAP. SAE L (GAL) |  |
|--------------|---------------------|---------------------|---|
| 220 (9) | 17 (37) | 16 (4,2) | AF |
| 220 (9) | 17 (37) | 16 (4,2) | CW |
| 250 (10) | 18 (40) | 18 (4,8) | AF |
| 250 (10) | 18 (40) | 18 (4,8) | CW |
| 300 (12) | 20 (44) | 22 (5,8) | AF |
| 300 (12) | 20 (44) | 22 (5,8) | CW |


OPTIONAL

| 4 | 4 | 5 |
|----------|-----------|-----------------------|
| DC TEETH | DTE TEETH | CW REVERSIBLE VERSION |

BN41 MACHINE WEIGHT 1,2 - 1,8 t (2646 - 3968 lb)

ADAPTERS



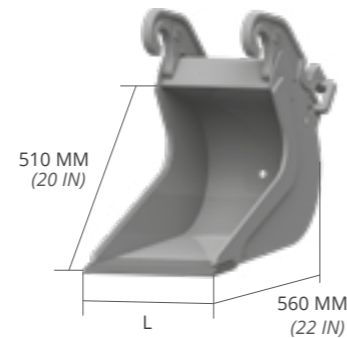
| L MM (IN) | WEIGHT KG* (LB*) | CAP. SAE L (GAL) |  |
|--------------|---------------------|---------------------|---|
| 220 (9) | 25 (55) | 27 (7,1) | AF |
| 220 (9) | 25 (55) | 27 (7,1) | CW |
| 250 (10) | 27 (60) | 32 (8,5) | AF |
| 250 (10) | 27 (60) | 32 (8,5) | CW |
| 300 (12) | 29 (64) | 38 (10,0) | AF |
| 300 (12) | 29 (64) | 38 (10,0) | CW |
| 350 (14) | 33 (73) | 46 (12,2) | AF |
| 350 (14) | 33 (73) | 46 (12,2) | CW |


OPTIONAL

| 4 | 4 | 5 |
|----------|-----------|-----------------------|
| DC TEETH | DTE TEETH | CW REVERSIBLE VERSION |

BN52 MACHINE WEIGHT 1,8 - 2,5 t (3968 - 5512 lb)

ADAPTERS



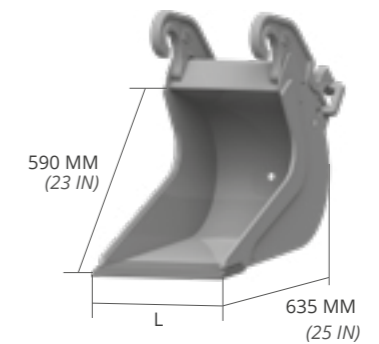
| L MM (IN) | WEIGHT KG* (LB*) | CAP. SAE L (GAL) |  |
|--------------|---------------------|---------------------|---|
| 220 (9) | 19 (42) | 20 (5,3) | AF |
| 220 (9) | 19 (42) | 20 (5,3) | CW |
| 250 (10) | 20 (44) | 23 (6,1) | AF |
| 250 (10) | 20 (44) | 23 (6,1) | CW |
| 300 (12) | 22 (49) | 28 (7,4) | AF |
| 300 (12) | 22 (49) | 28 (7,4) | CW |
| 350 (14) | 24 (53) | 34 (9,0) | AF |
| 350 (14) | 24 (53) | 34 (9,0) | CW |


OPTIONAL

| 4 | 4 | 5 |
|----------|-----------|-----------------------|
| DC TEETH | DTE TEETH | CW REVERSIBLE VERSION |

BN60 MACHINE WEIGHT 2,5 - 4,0 t (5512 - 8818 lb)

ADAPTERS



| L MM (IN) | WEIGHT KG* (LB*) | CAP. SAE L (GAL) |  |
|--------------|---------------------|---------------------|---|
| 220 (9) | 31 (68) | 38 (10,0) | AF |
| 220 (9) | 31 (68) | 38 (10,0) | CW |
| 250 (10) | 33 (73) | 45 (11,9) | AF |
| 250 (10) | 33 (73) | 45 (11,9) | CW |
| 300 (12) | 36 (79) | 53 (14,0) | AF |
| 300 (12) | 36 (79) | 53 (14,0) | CW |
| 350 (14) | 40 (88) | 65 (17,2) | AF |
| 350 (14) | 40 (88) | 65 (17,2) | CW |
| 400 (16) | 44 (97) | 77 (20,3) | AF |
| 400 (16) | 44 (97) | 77 (20,3) | CW |

OPTIONAL

| 4 | 4 | 5 |
|----------|-----------|-----------------------|
| DC TEETH | DTE TEETH | CW REVERSIBLE VERSION |

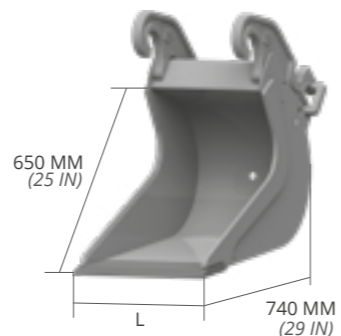
* weight of the tank excluding attachment


* weight of the tank excluding attachment

BN66 MACHINE WEIGHT 4,0 - 6,0 t (8818 - 13228 lb)

ADAPTERS

CW10
KG 23 (LB 50)



| L MM (IN) | WEIGHT KG* (LB*) | CAP. SAE L (GAL) |  |
|--------------|---------------------|---------------------|---|
| 220 (9) | 39 (86) | 42 (11,1) | AF |
| 220 (9) | 39 (86) | 42 (11,1) | CW |
| 250 (10) | 42 (93) | 50 (13,2) | AF |
| 250 (10) | 42 (93) | 50 (13,2) | CW |
| 300 (12) | 48 (106) | 77 (20,3) | AF |
| 300 (12) | 48 (106) | 77 (20,3) | CW |
| 350 (14) | 51 (112) | 83 (21,9) | AF |
| 350 (14) | 51 (112) | 83 (21,9) | CW |
| 400 (16) | 56 (123) | 92 (24,3) | AF |
| 400 (16) | 56 (123) | 92 (24,3) | CW |

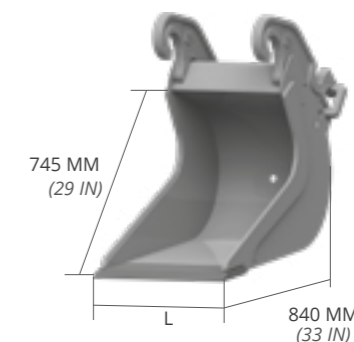
OPTIONAL


| L MM (IN) | 4 | | 5 |
|--------------|-----------|-----------|--------------------------|
| | DC TEETH | DTE TEETH | CW REVERSIBLE VERSION |
| 220 (9) | (2 TEETH) | (2 TEETH) | |
| 250 (10) | (2 TEETH) | (2 TEETH) | |
| 300 (12) | (3 TEETH) | (3 TEETH) | |
| 350 (14) | (3 TEETH) | (3 TEETH) | |
| 400 (16) | (3 TEETH) | (3 TEETH) | |

BN75 MACHINE WEIGHT 6,0 - 7,5 t (13228 - 16535 lb)

ADAPTERS

CW10
KG 23 (LB 50)



| L MM (IN) | WEIGHT KG* (LB*) | CAP. SAE L (GAL) |  |
|--------------|---------------------|---------------------|---|
| 250 (10) | 67 (148) | 59 (15,6) | AF |
| 250 (10) | 67 (148) | 59 (15,6) | CW |
| 300 (12) | 71 (157) | 74 (19,5) | AF |
| 300 (12) | 71 (157) | 74 (19,5) | CW |
| 350 (14) | 73 (161) | 91 (24,0) | AF |
| 350 (14) | 73 (161) | 91 (24,0) | CW |
| 400 (16) | 74 (163) | 106 (28,0) | AF |
| 400 (16) | 74 (163) | 106 (28,0) | CW |

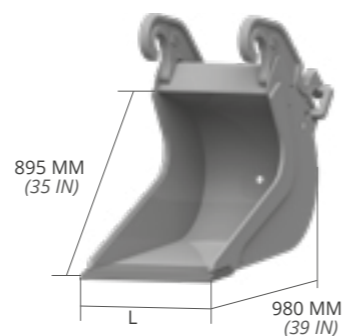
OPTIONAL


| L MM (IN) | 4 | | 5 |
|--------------|-----------|-----------|--------------------------|
| | DC TEETH | DTE TEETH | CW REVERSIBLE VERSION |
| 250 (10) | (2 TEETH) | (2 TEETH) | |
| 300 (12) | (3 TEETH) | (3 TEETH) | |
| 350 (14) | (3 TEETH) | (3 TEETH) | |
| 400 (16) | (3 TEETH) | (3 TEETH) | |

BN90 MACHINE WEIGHT 7,5 - 12,0 t (16535 - 26455 lb)

ADAPTERS

CW10
KG 23 (LB 50)



| L MM (IN) | WEIGHT KG* (LB*) | CAP. SAE L (GAL) |  |
|--------------|---------------------|---------------------|---|
| 300 (12) | 90 (198) | 78 (20,6) | AF |
| 300 (12) | 90 (198) | 78 (20,6) | CW |
| 350 (14) | 96 (212) | 100 (26,4) | AF |
| 350 (14) | 96 (212) | 100 (26,4) | CW |
| 400 (16) | 100 (220) | 123 (32,5) | AF |
| 400 (16) | 100 (220) | 123 (32,5) | CW |
| 450 (18) | 106 (234) | 146 (38,6) | AF |
| 450 (18) | 106 (234) | 146 (38,6) | CW |
| 500 (20) | 115 (254) | 171 (45,2) | AF |
| 500 (20) | 115 (254) | 171 (45,2) | CW |

OPTIONAL

| L MM (IN) | 4 | | 5 |
|--------------|-----------|-----------|--------------------------|
| | DC TEETH | DTE TEETH | CW REVERSIBLE VERSION |
| 300 (12) | (2 TEETH) | (2 TEETH) | |
| 350 (14) | (3 TEETH) | (3 TEETH) | |
| 400 (16) | (3 TEETH) | (3 TEETH) | |
| 450 (18) | (3 TEETH) | (3 TEETH) | |
| 500 (20) | (3 TEETH) | (3 TEETH) | |

* weight of the tank excluding attachment

* weight of the tank excluding attachment

** no AR for 10-12 tons



HB400



ITS ELONGATED SHAPE AVOIDS THAT THE GROUND STICKS TO THE BUCKET'S SIDE WALLS AND SIMPLIFIES THE DISCHARGE OF LOAMY MATERIALS. THE GRID BOTTOM IS THE IDEAL DEVICE BOTH TO WORK ON PARTICULARLY WET GROUNDS AND TO SORT AND RECYCLE AGGREGATE MATERIALS. THE HOLLAND BUCKET IS EQUIPPED WITH HB400 BLADE.

STANDARD TECHNICAL FEATURES

- 1 **ELONGATED PROFILE**
- 2 **HB400 BLADE**

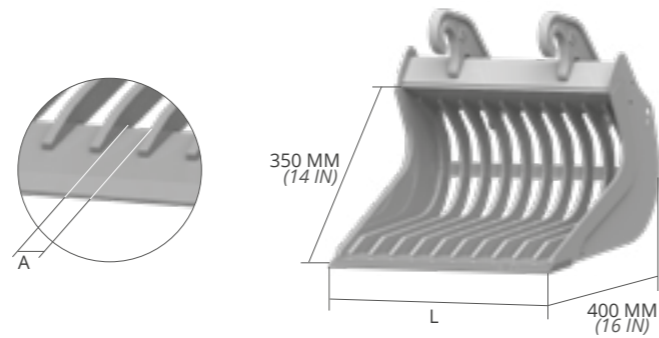
OPTIONAL

- 3 **DC TEETH OR DTE TEETH**
- 4 **CW REVERSIBLE VERSION**
THIS ADAPTER MAKES THE BUCKET REVERSIBLE.

| | | | | | | | |
|-----------|-------------------------|-------------------------|-------------------------|-------------------------|--------------------------|---------------------------|----------------------------|
| TONS (LB) | 0,6 - 1,2 (1323 - 2646) | 1,2 - 1,8 (2646 - 3968) | 1,8 - 2,5 (3968 - 5512) | 2,5 - 4,0 (5512 - 8818) | 4,0 - 6,0 (8818 - 13228) | 6,0 - 7,5 (13228 - 16535) | 7,5 - 12,0 (16535 - 26455) |
| MOD. | VN35 | VN41 | VN52 | VN60 | VN66 | VN75 | VN85 |

VN35 MACHINE WEIGHT 0,6 - 1,2 t (1323 - 2646 lb)

ADAPTERS



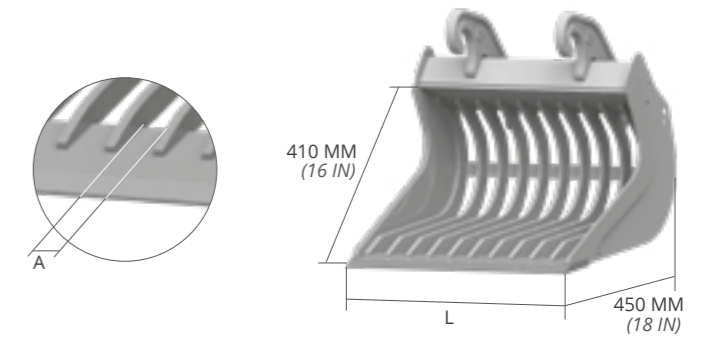
OPTIONAL

| 4 | 4 | 5 |
|----------|-----------|-----------------------|
| DC TEETH | DTE TEETH | CW REVERSIBLE VERSION |

| L MM (IN) | A MM (IN) | WEIGHT KG* (LB*) | CAP. SAE L (GAL) | |
|-----------------|-----------------|------------------------|------------------------|----|
| 400 (16) | 53 (2,1) | 24 (53) | 32 (8,5) | AF |
| 400 (16) | 53 (2,1) | 24 | 32 (8,5) | CW |
| 500 (20) | 50 (2,0) | 29 (64) | 42 (11,1) | AF |
| 500 (20) | 50 (2,0) | 29 (64) | 42 (11,1) | CW |
| 600 (24) | 49 (1,9) | 33 (73) | 52 (13,7) | AF |
| 600 (24) | 49 (1,9) | 33 (73) | 52 (13,7) | CW |

VN41 MACHINE WEIGHT 1,2 - 1,8 t (2646 - 3968 lb)

ADAPTERS



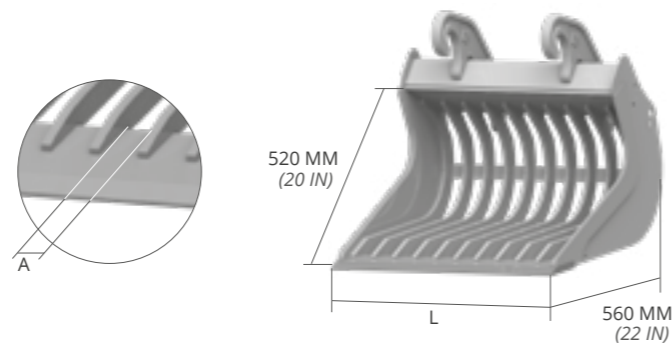
OPTIONAL

| 4 | 4 | 5 |
|----------|-----------|-----------------------|
| DC TEETH | DTE TEETH | CW REVERSIBLE VERSION |

| L MM (IN) | A MM (IN) | WEIGHT KG* (LB*) | CAP. SAE L (GAL) | |
|-----------------|-----------------|------------------------|------------------------|----|
| 400 (16) | 53 (2,1) | 29 (64) | 42 (11,1) | AF |
| 400 (16) | 53 (2,1) | 29 (64) | 42 (11,1) | CW |
| 500 (20) | 50 (2,0) | 34 (75) | 55 (14,5) | AF |
| 500 (20) | 50 (2,0) | 34 (75) | 55 (14,5) | CW |
| 600 (24) | 49 (1,9) | 39 (86) | 67 (17,7) | AF |
| 600 (24) | 49 (1,9) | 39 (86) | 67 (17,7) | CW |
| 700 (28) | 52 (2,0) | 44 (97) | 80 (21,1) | AF |
| 700 (28) | 52 (2,0) | 44 (97) | 80 (21,1) | CW |

VN52 MACHINE WEIGHT 1,8 - 2,5 t (3968 - 5512 lb)

ADAPTERS



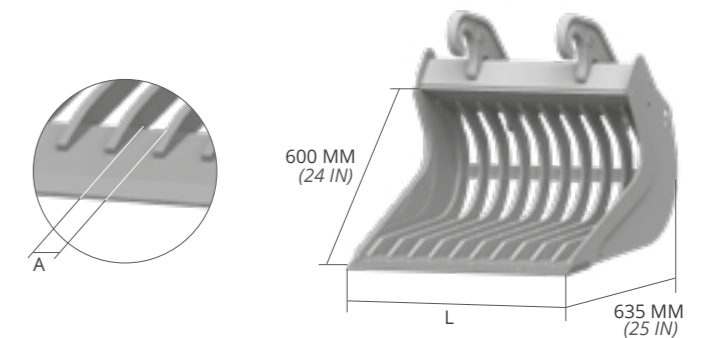
OPTIONAL

| 4 | 4 | 5 |
|----------|-----------|-----------------------|
| DC TEETH | DTE TEETH | CW REVERSIBLE VERSION |

| L MM (IN) | A MM (IN) | WEIGHT KG* (LB*) | CAP. SAE L (GAL) | |
|-----------------|-----------------|------------------------|------------------------|----|
| 500 (20) | 56 (2,2) | 44 (97) | 77 (20,3) | AF |
| 500 (20) | 56 (2,2) | 44 | 77 (20,3) | CW |
| 600 (24) | 52 (2,0) | 50 (110) | 96 (25,4) | AF |
| 600 (24) | 52 (2,0) | 50 (110) | 96 (25,4) | CW |
| 700 (28) | 56 (2,2) | 58 (128) | 115 (30,4) | AF |
| 700 (28) | 56 (2,2) | 58 (128) | 115 (30,4) | CW |
| 800 (31) | 53 (2,1) | 64 (141) | 135 (35,7) | AF |
| 800 (31) | 53 (2,1) | 64 (141) | 135 (35,7) | CW |

VN60 MACHINE WEIGHT 2,5 - 4,0 t (5512 - 8818 lb)

ADAPTERS



OPTIONAL

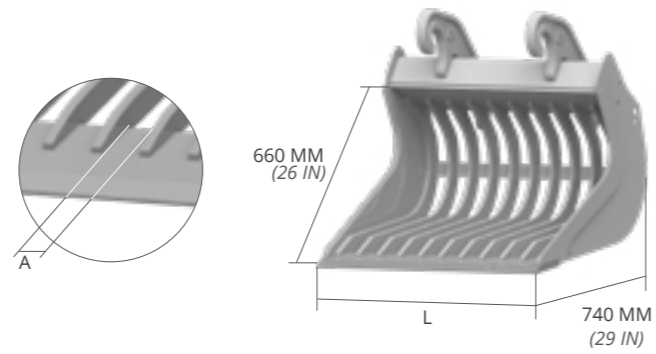
| 4 | 4 | 5 |
|----------|-----------|-----------------------|
| DC TEETH | DTE TEETH | CW REVERSIBLE VERSION |

| L MM (IN) | A MM (IN) | WEIGHT KG* (LB*) | CAP. SAE L (GAL) | |
|-----------------|-----------------|------------------------|------------------------|----|
| 500 (20) | 56 (2,2) | 61 (134) | 106 (28,0) | AF |
| 500 (20) | 56 (2,2) | 61 (134) | 106 (28,0) | CW |
| 600 (24) | 52 (2,0) | 70 (154) | 132 (34,9) | AF |
| 600 (24) | 52 (2,0) | 70 (154) | 132 (34,9) | CW |
| 700 (28) | 50 (2,0) | 81 (179) | 159 (42,0) | AF |
| 700 (28) | 50 (2,0) | 81 (179) | 159 (42,0) | CW |
| 800 (31) | 53 (2,1) | 89 (196) | 186 (49,1) | AF |
| 800 (31) | 53 (2,1) | 89 (196) | 186 (49,1) | CW |
| 900 (35) | 56 (2,2) | 98 (216) | 212 (56,0) | AF |
| 900 (35) | 56 (2,2) | 98 (216) | 212 (56,0) | CW |
| 1000 (39) | 59 (2,3) | 109 (240) | 239 (63,1) | AF |
| 1000 (39) | 59 (2,3) | 109 (240) | 239 (63,1) | CW |

* weight of the tank excluding attachment

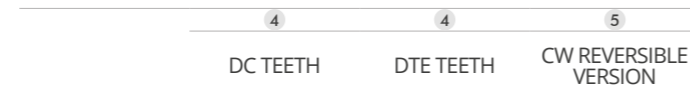
* weight of the tank excluding attachment

VN66 MACHINE WEIGHT 4,0 - 6,0 t (8818 - 13228 lb)

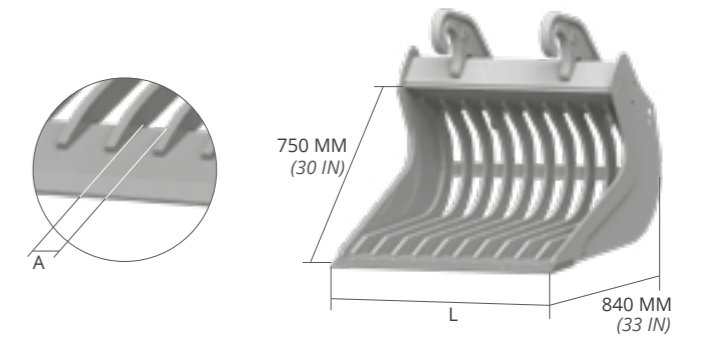


| L MM (IN) | A MM (IN) | WEIGHT KG* (LB*) | CAP. SAE L (GAL) | |
|-----------------|-----------------|------------------------|------------------------|----|
| 600 (24) | 49 (1,9) | 87 (192) | 87 (192) | AF |
| 600 (24) | 49 (1,9) | 87 (192) | 87 (192) | CW |
| 700 (28) | 53 (2,1) | 97 (214) | 185 (48,9) | AF |
| 700 (28) | 53 (2,1) | 97 (214) | 185 (48,9) | CW |
| 800 (31) | 56 (2,2) | 107 (236) | 217 (57,3) | AF |
| 800 (31) | 56 (2,2) | 107 (236) | 217 (57,3) | CW |
| 900 (35) | 59 (2,3) | 116 (256) | 250 (66,0) | AF |
| 900 (35) | 59 (2,3) | 116 (256) | 250 (66,0) | CW |
| 1000 (39) | 61 (2,4) | 129 (284) | 282 (74,5) | AF |
| 1000 (39) | 61 (2,4) | 129 (284) | 282 (74,5) | CW |

OPTIONAL

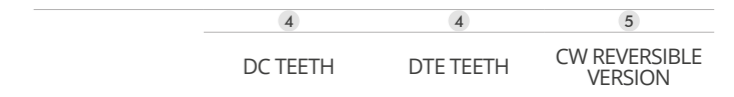


VN75 MACHINE WEIGHT 6,0 - 7,5 t (13228 - 16535 lb)

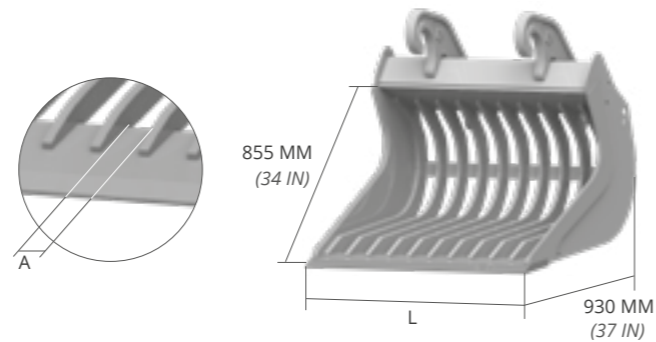


| L MM (IN) | A MM (IN) | WEIGHT KG* (LB*) | CAP. SAE L (GAL) | |
|-----------------|-----------------|------------------------|------------------------|----|
| 600 (24) | 55 (2,2) | 110 (243) | 183 (48,3) | AF |
| 600 (24) | 55 (2,2) | 110 (243) | 183 (48,3) | CW |
| 700 (28) | 59 (2,3) | 123 (271) | 222 (58,6) | AF |
| 700 (28) | 59 (2,3) | 123 (271) | 222 (58,6) | CW |
| 800 (31) | 55 (2,2) | 140 (309) | 262 (69,2) | AF |
| 800 (31) | 55 (2,2) | 140 (309) | 262 (69,2) | CW |
| 900 (35) | 52 (2,0) | 153 (337) | 302 (79,8) | AF |
| 900 (35) | 52 (2,0) | 153 (337) | 302 (79,8) | CW |
| 1000 (39) | 55 (2,2) | 166 (366) | 343 (90,6) | AF |
| 1000 (39) | 55 (2,2) | 166 (366) | 343 (90,6) | CW |
| 1100 (43) | 57 (2,2) | 183 (403) | 383 (101,2) | AF |
| 1100 (43) | 57 (2,2) | 183 (403) | 383 (101,2) | CW |

OPTIONAL

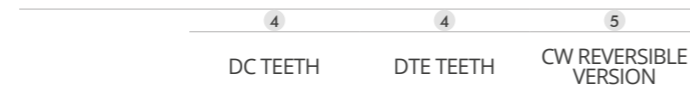


VN85 MACHINE WEIGHT 7,5 - 12,0 t (16535 - 26455 lb)



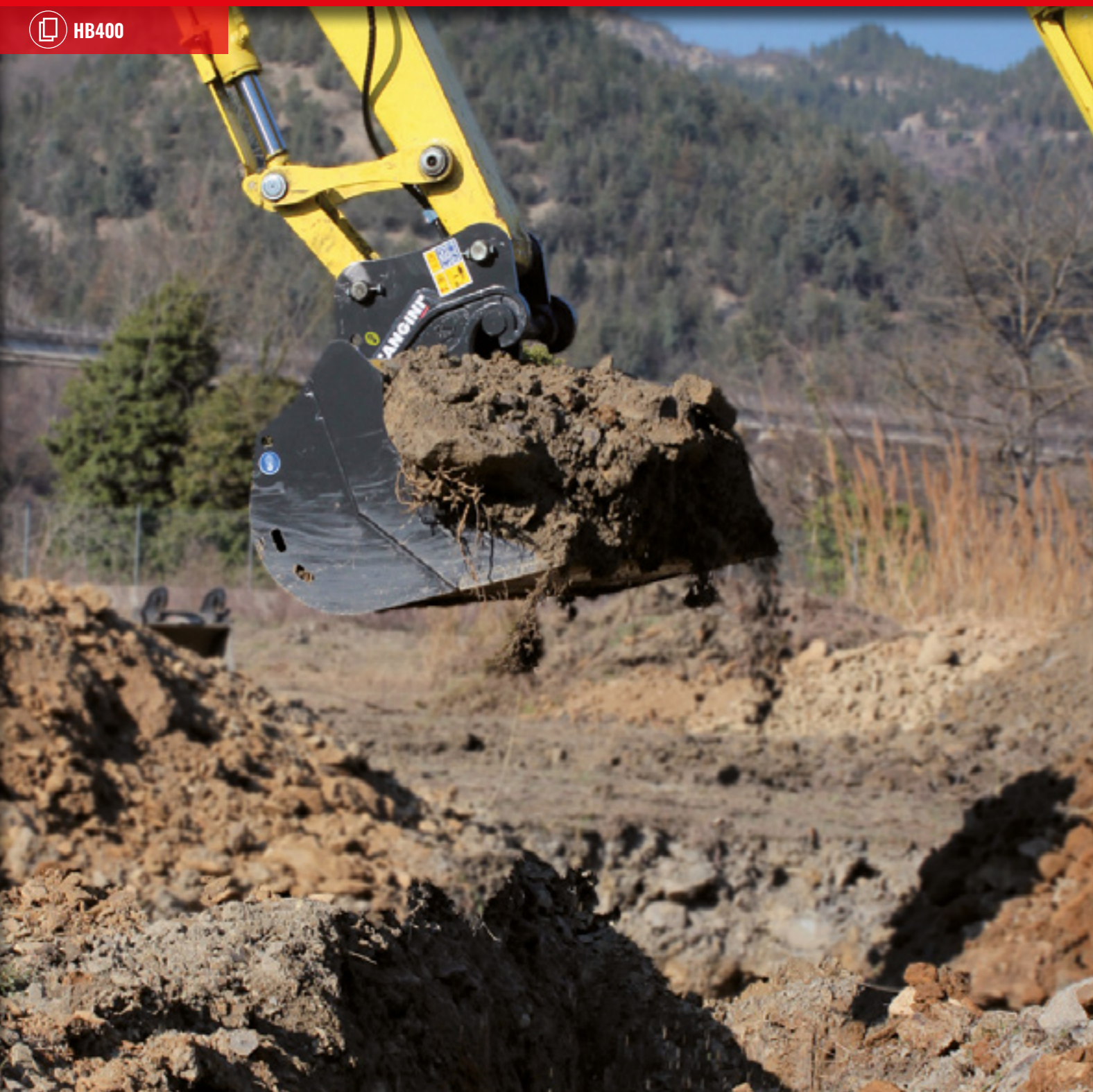
| L MM (IN) | A MM (IN) | WEIGHT KG* (LB*) | CAP. SAE L (GAL) | |
|-----------------|-----------------|------------------------|------------------------|----|
| 800 (31) | 55 (2,2) | 159 (351) | 331 (87,4) | AF |
| 800 (31) | 55 (2,2) | 159 (351) | 331 (87,4) | CW |
| 900 (35) | 53 (2,1) | 172 (379) | 384 (101,4) | AF |
| 900 (35) | 53 (2,1) | 172 (379) | 384 (101,4) | CW |
| 1000 (39) | 55 (2,2) | 186 (410) | 437 (115,4) | AF |
| 1000 (39) | 55 (2,2) | 186 (410) | 437 (115,4) | CW |
| 1100 (43) | 57 (2,2) | 204 (450) | 490 (129,4) | AF |
| 1100 (43) | 57 (2,2) | 204 (450) | 490 (129,4) | CW |
| 1200 (47) | 55 (2,2) | 217 (478) | 542 (143,2) | AF |
| 1200 (47) | 55 (2,2) | 217 (478) | 542 (143,2) | CW |
| 1300 (51) | 57 (2,2) | 231 (509) | 595 (157,2) | AF |
| 1300 (51) | 57 (2,2) | 231 (509) | 595 (157,2) | CW |

OPTIONAL



* weight of the tank excluding attachment

* weight of the tank excluding attachment

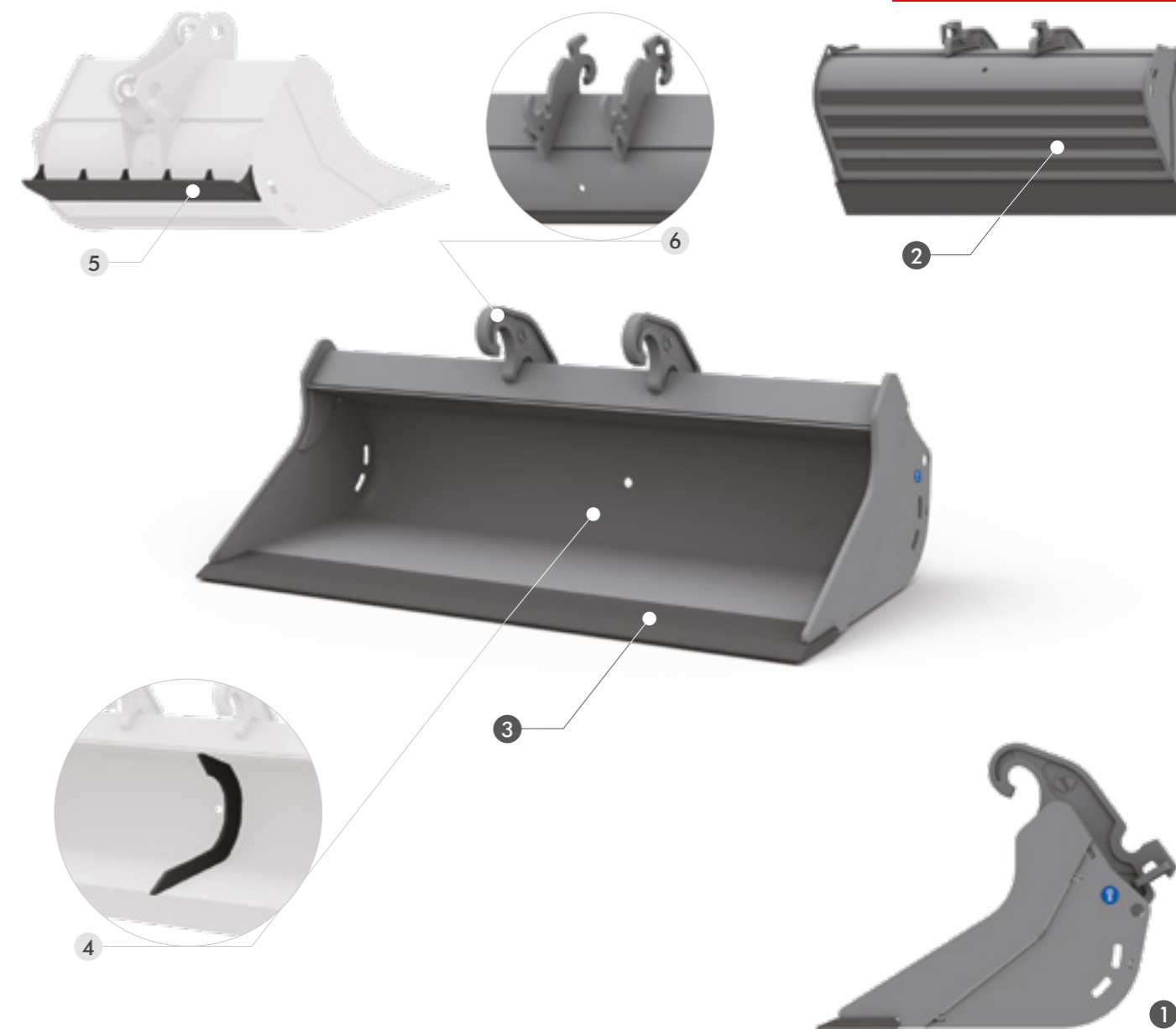


ITS ELONGATED PROFILE SIMPLIFIES THE DISCHARGE OF LOAMY AND WET MATERIALS. USED TO CLEAN AND LEVEL STREETS, DITCHES AND DIKES. THE HOLLAND BUCKET IS EQUIPPED WITH HB400 BLADE.

| TONS (LB) | 0,6 - 1,2 (1323 - 2646) | 1,2 - 1,8 (2646 - 3968) | 1,8 - 2,5 (3968 - 5512) | 2,5 - 4,0 (5512 - 8818) | 4,0 - 6,0 (8818 - 13228) | 6,0 - 7,5 (13228 - 16535) | 7,5 - 12,0 (16535 - 26455) |
|-----------|-------------------------|-------------------------|-------------------------|-------------------------|--------------------------|---------------------------|----------------------------|
| MOD. | SPN35 | SPN41 | SPN52 | SPN60 | SPN66 | SPN75 | SPN85 |



ADAPTERS



STANDARD TECHNICAL FEATURES

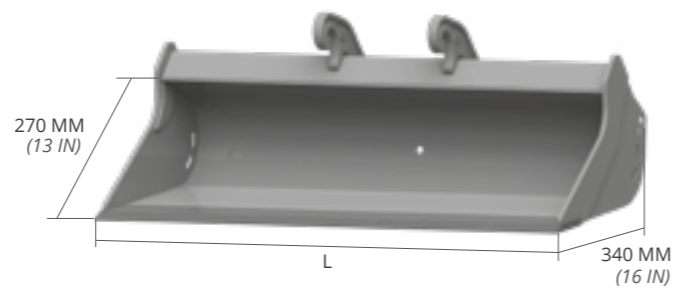
- 1 ELONGATED PROFILE**
- 2 REINFORCING STRIPS**
THE HORIZONTAL REINFORCING STRIPS ON THE BUCKET'S REAR AND BOTTOM PROTECT THE BUCKET FROM WEAR AND INCREASE ITS RESISTANCE.
- 3 HB400 BLADE**

OPTIONAL

- 4 BEZEL**
IT ENSURES A HIGHER STRUCTURAL RESISTANCE TO BUCKETS WHOSE FRAME IS 1400 MM (55 IN) WIDE OR MORE.
- 5 REAR RAZOR**
WHEN THE MACHINE'S ARM IS KEPT CLOSED, IT ALLOWS TO FINISH SURFACES EVENLY.
- 6 CW REVERSIBLE VERSION**
THIS ADAPTER MAKES THE BUCKET REVERSIBLE.

SPN28 MACHINE WEIGHT 0,6 - 1,2 t (1323 - 2646 lb)

ADAPTERS



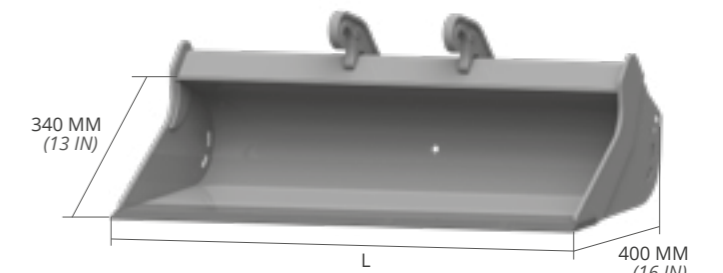
OPTIONAL

| 5 | 6 |
|------------|---------------|
| REAR RAZOR | CW REVERSIBLE |

| L MM (IN) | WEIGHT KG* (LB*) | CAP. SAE L (GAL) | |
|--------------|---------------------|---------------------|----|
| 600 (24) | 27 (60) | 35 (9,2) | AF |
| 600 (24) | 27 (60) | 35 (9,2) | CW |
| 700 (28) | 31 (68) | 41 (10,8) | AF |
| 700 (28) | 31 (68) | 41 (10,8) | CW |
| 800 (31) | 35 (77) | 47 (12,4) | AF |
| 800 (31) | 35 (77) | 47 (12,4) | CW |

SPN35 MACHINE WEIGHT 1,2 - 1,8 t (2646 - 3968 lb)

ADAPTERS



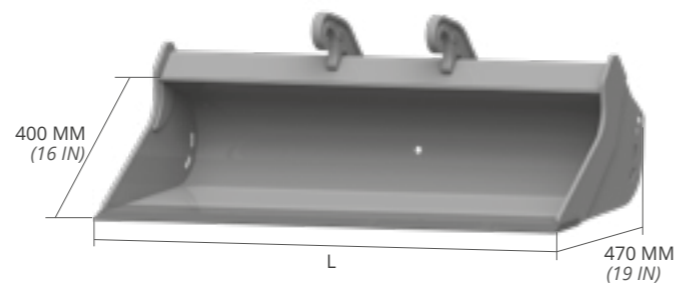
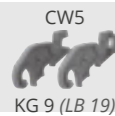
OPTIONAL

| 5 | 6 |
|------------|---------------|
| REAR RAZOR | CW REVERSIBLE |

| L MM (IN) | WEIGHT KG* (LB*) | CAP. SAE L (GAL) | |
|--------------|---------------------|---------------------|----|
| 800 (31) | 43 (95) | 77 (20,3) | AF |
| 800 (31) | 43 (95) | 77 (20,3) | CW |
| 900 (35) | 48 (106) | 89 (23,5) | AF |
| 900 (35) | 48 (106) | 89 (23,5) | CW |
| 1000 (39) | 53 (117) | 99 (26,2) | AF |
| 1000 (39) | 53 (117) | 99 (26,2) | CW |

SPN41 MACHINE WEIGHT 1,8 - 2,5 t (3968 - 5512 lb)

ADAPTERS



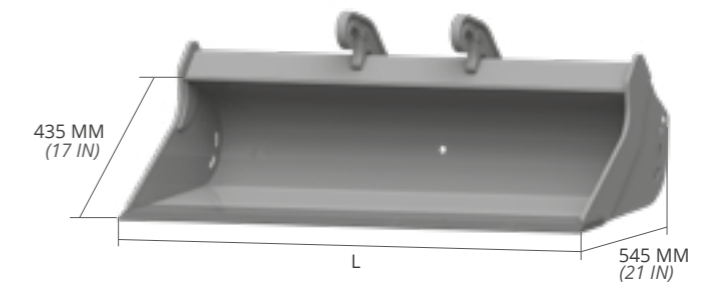
OPTIONAL

| 5 | 6 |
|------------|---------------|
| REAR RAZOR | CW REVERSIBLE |

| L MM (IN) | WEIGHT KG* (LB*) | CAP. SAE L (GAL) | |
|--------------|---------------------|---------------------|----|
| 900 (35) | 65 (143) | 95 (25,1) | AF |
| 900 (35) | 65 | 95 (25,1) | CW |
| 1000 (39) | 72 (159) | 107 (28,3) | AF |
| 1000 (39) | 72 (159) | 107 (28,3) | CW |
| 1100 (43) | 78 (172) | 119 (31,4) | AF |
| 1100 (43) | 78 (172) | 119 (31,4) | CW |
| 1200 (47) | 85 (187) | 131 (34,6) | AF |
| 1200 (47) | 85 (187) | 131 (34,6) | CW |

SPN44 MACHINE WEIGHT 2,5 - 4,0 t (5512 - 8818 lb)

ADAPTERS



OPTIONAL

| 5 | 6 |
|------------|---------------|
| REAR RAZOR | CW REVERSIBLE |

| L MM (IN) | WEIGHT KG* (LB*) | CAP. SAE L (GAL) | |
|--------------|---------------------|---------------------|----|
| 1000 (39) | 93 (205) | 149 (39,4) | AF |
| 1000 (39) | 93 (205) | 149 (39,4) | CW |
| 1100 (43) | 101 (223) | 166 (43,9) | AF |
| 1100 (43) | 101 (223) | 166 (43,9) | CW |
| 1200 (47) | 109 (240) | 184 (48,6) | AF |
| 1200 (47) | 109 (240) | 184 (48,6) | CW |

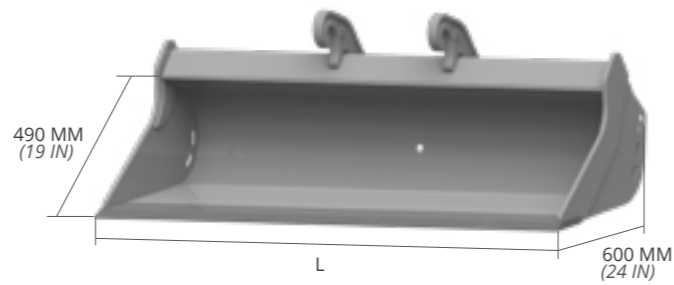
* weight of the tank excluding attachment


* weight of the tank excluding attachment

SPN50 MACHINE WEIGHT 4,0 - 6,0 t (8818 - 13228 lb)

ADAPTERS

CW10
KG 23 (LB 50)



| L MM (IN) | WEIGHT KG* (LB*) | CAP. SAE L (GAL) |  |
|--------------|---------------------|---------------------|---|
| 1000 (39) | 105 (231) | 192 (50,7) | AF |
| 1000 (39) | 105 (231) | 192 (50,7) | CW |
| 1100 (43) | 115 (254) | 215 (56,8) | AF |
| 1100 (43) | 115 (254) | 215 (56,8) | CW |
| 1200 (47) | 124 (273) | 238 (62,9) | AF |
| 1200 (47) | 124 (273) | 238 (62,9) | CW |
| 1300 (51) | 134 (295) | 261 (68,9) | AF |
| 1300 (51) | 134 (295) | 261 (68,9) | CW |
| 1400 (55) | 143 (315) | 284 (75,0) | AF |
| 1400 (55) | 143 (315) | 284 (75,0) | CW |

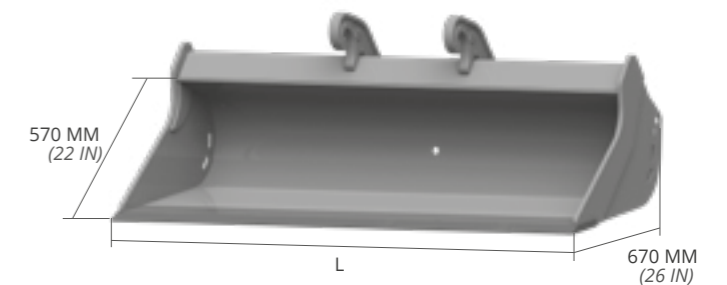
OPTIONAL


| 4 | 5 | 6 |
|-------|------------|---------------|
| BEZEL | REAR RAZOR | CW REVERSIBLE |

SPN55 MACHINE WEIGHT 6,0 - 7,5 t (13228 - 16535 lb)

ADAPTERS

CW10
KG 23 (LB 50)



| L MM (IN) | WEIGHT KG* (LB*) | CAP. SAE L (GAL) |  |
|--------------|---------------------|---------------------|---|
| 1200 (47) | 164 (362) | 283 (78,4) | AF |
| 1200 (47) | 164 (362) | 283 (78,4) | CW |
| 1300 (51) | 177 (390) | 311 (82,2) | AF |
| 1300 (51) | 177 (390) | 311 (82,2) | CW |
| 1400 (55) | 189 (417) | 341 (90,1) | AF |
| 1400 (55) | 189 (417) | 341 (90,1) | CW |
| 1500 (59) | 202 (445) | 368 (97,2) | AF |
| 1500 (59) | 202 (445) | 368 (97,2) | CW |
| 1600 (63) | 214 (472) | 396 (104,6) | AF |
| 1600 (63) | 214 (472) | 396 (104,6) | CW |

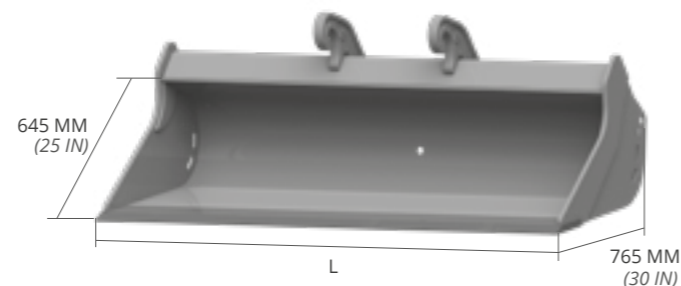
OPTIONAL


| 4 | 5 | 6 |
|-------|------------|---------------|
| BEZEL | REAR RAZOR | CW REVERSIBLE |

SPN66 SPN66 MACHINE WEIGHT 7,5 - 12,0 t (16535 - 26455 lb)

ADAPTERS

CW10
KG 23 (LB 50)



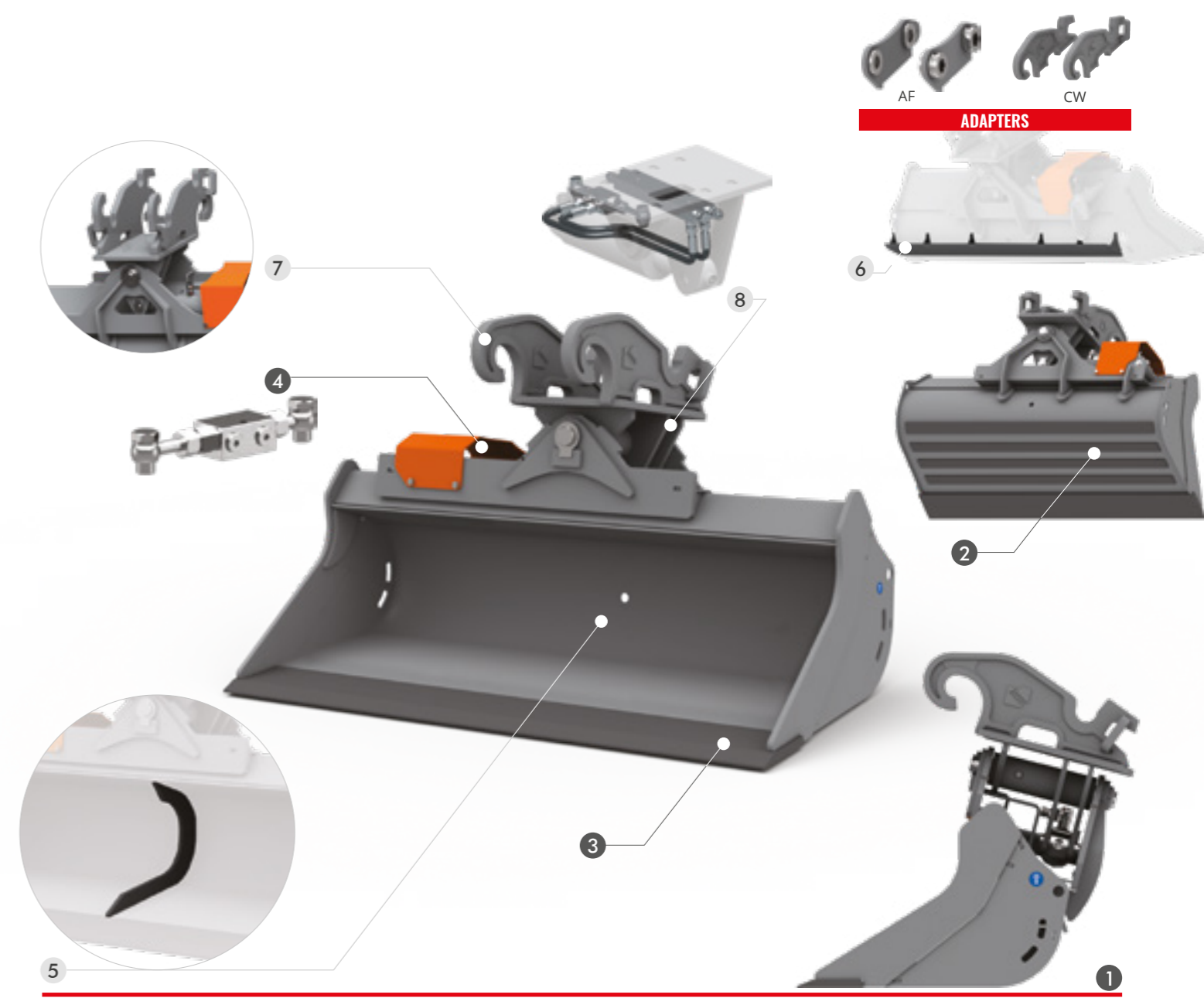
| L MM (IN) | WEIGHT KG* (LB*) | CAP. SAE L (GAL) |  |
|--------------|---------------------|---------------------|---|
| 1400 (55) | 231 (509) | 459 (121,3) | AF |
| 1400 (55) | 231 (509) | 459 (121,3) | CW |
| 1500 (59) | 246 (542) | 498 (131,6) | AF |
| 1500 (59) | 246 (542) | 498 (131,6) | CW |
| 1600 (63) | 261 (575) | 537 (141,9) | AF |
| 1600 (63) | 261 (575) | 537 (141,9) | CW |
| 1700 (67) | 276 (608) | 575 (151,9) | AF |
| 1700 (67) | 276 (608) | 575 (151,9) | CW |
| 1800 (71) | 291 (642) | 614 (162,2) | AF |
| 1800 (71) | 291 (642) | 614 (162,2) | CW |

OPTIONAL

| 4 | 5 | 6 |
|-------|------------|---------------|
| BEZEL | REAR RAZOR | CW REVERSIBLE |

* weight of the tank excluding attachment

* weight of the tank excluding attachment



STANDARD TECHNICAL FEATURES

- 1 ELONGATED PROFILE**
- 2 HB400 REINFORCING STRIPS**
THE HORIZONTAL REINFORCING STRIPS ON THE BUCKET'S REAR AND BOTTOM PROTECT THE BUCKET FROM WEAR AND INCREASE ITS RESISTANCE.
- 3 HB400 BLADE**
- 4 BLOCK VALVE**
IT ALLOWS TO KEEP THE BUCKET POSITIONING DURING THE WORKING PHASE.

OPTIONAL

- 5 BEZEL**
IT ENSURES A HIGHER STRUCTURAL RESISTANCE TO BUCKETS WHOSE FRAME IS 1400 MM (55 IN) WIDE OR MORE.
- 6 REAR RAZOR**
WHEN THE MACHINE'S ARM IS KEPT CLOSED, IT ALLOWS TO FINISH SURFACES EVENLY.
- 7 CW REVERSIBLE VERSION**
THIS ADAPTER MAKES THE BUCKET REVERSIBLE.
- 8 PIPE KIT**
OPTIONAL KIT INSTALLED ON THE BUCKET FOR THE FEEDING OF THE HYDRAULIC CYLINDER. IT ALLOWS THE USE OF TWO OUTLETS ON THE RIGHT AND TWO OUTLETS ON THE LEFT FOR THE HYDRAULIC CONNECTION TO THE MACHINE REDUCING THE INSTALLATION TIMES. THE CONNECTING PIPES ARE NOT SUPPLIED.

PARTICULARLY SUITABLE FOR FINISHING AND LEVELLING WORKS. ITS TILTING SYSTEM ENABLES TO TILT IT BY 45° ON BOTH SIDES. THE STANDARD SAFETY BLOCK VALVE ENABLES TO KEEP THE ANGLE. ITS ELONGATED SHAPE AVOIDS THAT THE GROUND STICKS TO THE BUCKET'S SIDE WALLS AND SIMPLIFIES THE DISCHARGE OF LOAMY AND WET MATERIALS. USED MAINLY TO CLEAN AND LEVEL STREETS, DITCHES AND DIKES. THE HOLLAND BUCKET IS EQUIPPED WITH HB400 BLADE.

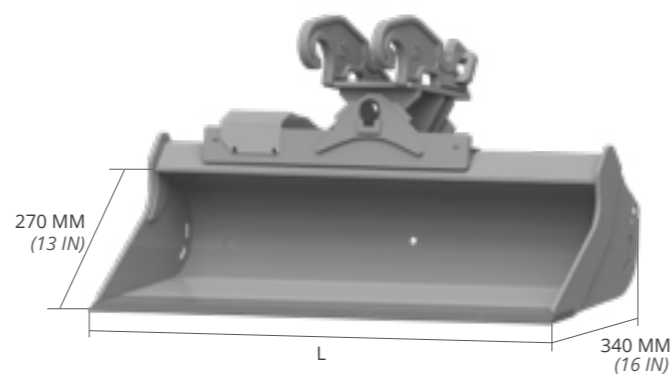
| | | | | | | | |
|-----------|-------------------------|-------------------------|-------------------------|-------------------------|--------------------------|---------------------------|----------------------------|
| TONS (LB) | 0,6 - 1,2 (1323 - 2646) | 1,2 - 1,8 (2646 - 3968) | 1,8 - 2,5 (3968 - 5512) | 2,5 - 4,0 (5512 - 8818) | 4,0 - 6,0 (8818 - 13228) | 6,0 - 7,5 (13228 - 16535) | 7,5 - 12,0 (16535 - 26455) |
| MOD. | SQN35 | SQN41 | SQN52 | SQN60 | SQN66 | SQN75 | SQN85 |

SQN28 MACHINE WEIGHT 0,6 - 1,2 t (1323 - 2646 lb)

ADAPTERS




KG 9 (LB 19)



OPTIONAL

| 6 | 7 | 8 |
|------------|---------------|----------|
| REAR RAZOR | CW REVERSIBLE | PIPE KIT |

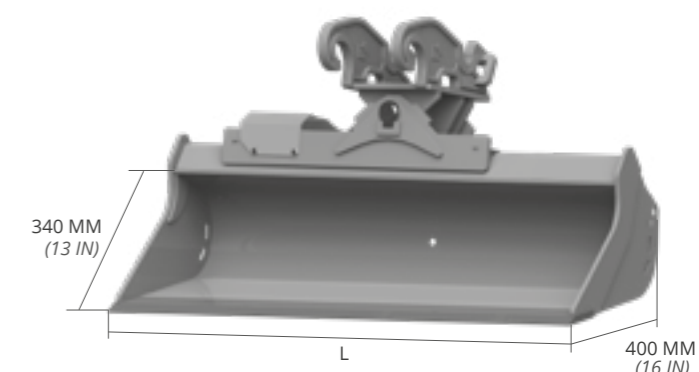
| L MM (IN) | WEIGHT KG* (LB*) | CAP. SAE L (GAL) |  |
|--------------|---------------------|---------------------|---|
| 800 (31) | 67 (147) | 47 (12,4) | AF |
| 800 (31) | 67 (147) | 47 (12,4) | CW |

SQN35 MACHINE WEIGHT 1,2 - 1,8 t (2646 - 3968 lb)

ADAPTERS




KG 9 (LB 19)



OPTIONAL

| 6 | 7 | 8 |
|------------|---------------|----------|
| REAR RAZOR | CW REVERSIBLE | PIPE KIT |

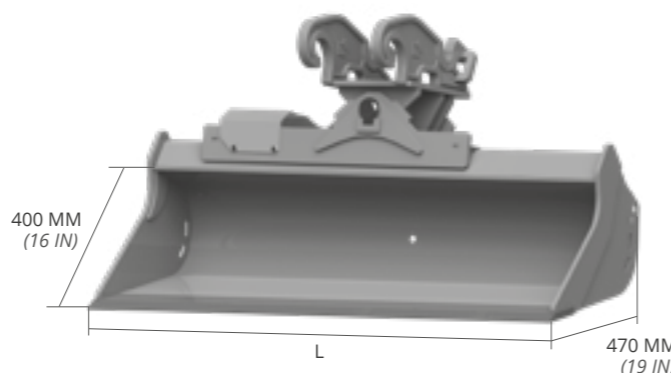
| L MM (IN) | WEIGHT KG* (LB*) | CAP. SAE L (GAL) |  |
|--------------|---------------------|---------------------|---|
| 800 (31) | 71 (157) | 77 (20,3) | AF |
| 800 (31) | 71 (157) | 77 (20,3) | CW |
| 900 (35) | 76 (168) | 89 (23,5) | AF |
| 900 (35) | 76 (168) | 89 (23,5) | CW |
| 1000 (39) | 81 (179) | 99 (26,2) | AF |
| 1000 (39) | 81 (179) | 99 (26,2) | CW |

SQN41 MACHINE WEIGHT 1,8 - 2,5 t (3968 - 5512 lb)

ADAPTERS




KG 9 (LB 19)



OPTIONAL

| 5 | 6 | 7 | 8 |
|-------|------------|---------------|----------|
| BEZEL | REAR RAZOR | CW REVERSIBLE | PIPE KIT |

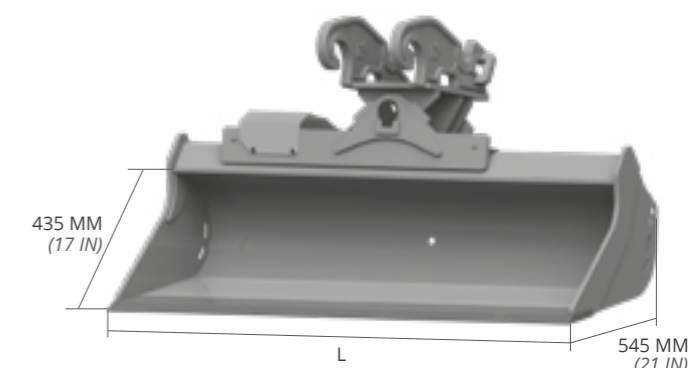
| L MM (IN) | WEIGHT KG* (LB*) | CAP. SAE L (GAL) |  |
|--------------|---------------------|---------------------|---|
| 1000 (39) | 132 (291) | 107 (28,3) | AF |
| 1000 (39) | 132 (291) | 107 (28,3) | CW |
| 1100 (43) | 139 (306) | 119 (31,4) | AF |
| 1100 (43) | 139 (306) | 119 (31,4) | CW |
| 1200 (47) | 145 (320) | 131 (34,6) | AF |
| 1200 (47) | 145 (320) | 131 (34,6) | CW |

SQN44 MACHINE WEIGHT 2,5 - 4,0 t (5512 - 8818 lb)

ADAPTERS




KG 9 (LB 19)



OPTIONAL

| 5 | 6 | 7 | 8 |
|-------|------------|---------------|----------|
| BEZEL | REAR RAZOR | CW REVERSIBLE | PIPE KIT |

| L MM (IN) | WEIGHT KG* (LB*) | CAP. SAE L (GAL) |  |
|--------------|---------------------|---------------------|---|
| 1000 (39) | 154 (340) | 149 (39,4) | AF |
| 1000 (39) | 154 (340) | 149 (39,4) | CW |
| 1100 (43) | 162 (357) | 166 (43,9) | AF |
| 1100 (43) | 162 (357) | 166 (43,9) | CW |
| 1200 (47) | 171 (377) | 184 (48,6) | AF |
| 1200 (47) | 171 (377) | 184 (48,6) | CW |

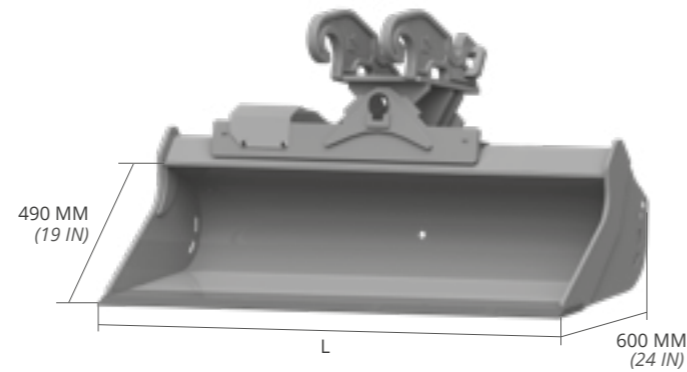
* weight of the tank excluding attachment


* weight of the tank excluding attachment

SQN50 MACHINE WEIGHT 4,0 - 6,0 t (8818 - 13228 lb)

ADAPTERS

CW10
KG 23 (LB 50)



| L MM (IN) | WEIGHT KG* (LB*) | CAP. SAE L (GAL) |  |
|--------------|---------------------|---------------------|---|
| 1000 (39) | 166 (366) | 192 (50,7) | AF |
| 1000 (39) | 166 (366) | 192 (50,7) | CW |
| 1100 (43) | 176 (388) | 215 (56,8) | AF |
| 1100 (43) | 176 (388) | 215 (56,8) | CW |
| 1200 (47) | 185 (408) | 238 (62,9) | AF |
| 1200 (47) | 185 (408) | 238 (62,9) | CW |
| 1300 (51) | 195 (430) | 261 (68,9) | AF |
| 1300 (51) | 195 (430) | 261 (68,9) | CW |
| 1400 (55) | 204 (450) | 284 (75,0) | AF |
| 1400 (55) | 204 (450) | 284 (75,0) | CW |

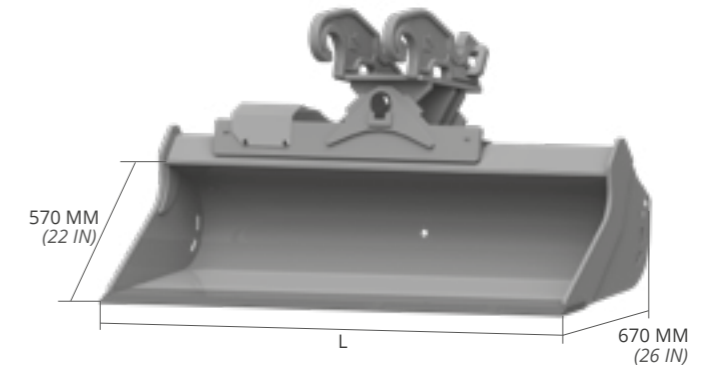
OPTIONAL


| 5 | 6 | 7 | 8 |
|-------|------------|---------------|----------|
| BEZEL | REAR RAZOR | CW REVERSIBLE | PIPE KIT |

SQN55 MACHINE WEIGHT 6,0 - 7,5 t (13228 - 16535 lb)

ADAPTERS

CW10
KG 23 (LB 50)



| L MM (IN) | WEIGHT KG* (LB*) | CAP. SAE L (GAL) |  |
|--------------|---------------------|---------------------|---|
| 1200 (47) | 272 (600) | 283 (78,4) | AF |
| 1200 (47) | 272 (600) | 283 (78,4) | CW |
| 1300 (51) | 285 (628) | 311 (82,2) | AF |
| 1300 (51) | 285 (628) | 311 (82,2) | CW |
| 1400 (55) | 297 (655) | 341 (90,1) | AF |
| 1400 (55) | 297 (655) | 341 (90,1) | CW |
| 1500 (59) | 309 (681) | 368 (97,2) | AF |
| 1500 (59) | 309 (681) | 368 (97,2) | CW |
| 1600 (63) | 322 (710) | 396 (104,6) | AF |
| 1600 (63) | 322 (710) | 396 (104,6) | CW |

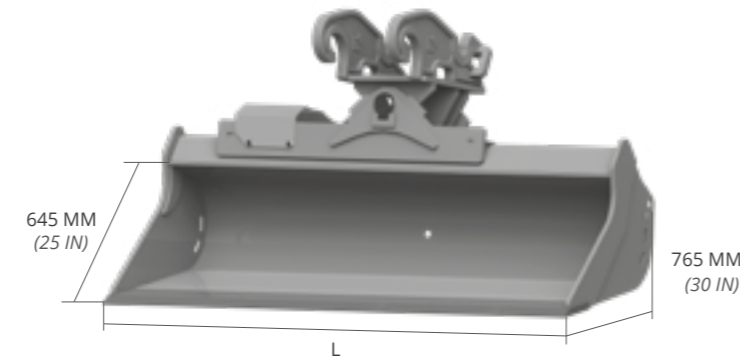
OPTIONAL


| 5 | 6 | 7 | 8 |
|-------|------------|---------------|----------|
| BEZEL | REAR RAZOR | CW REVERSIBLE | PIPE KIT |

SQN66 MACHINE WEIGHT 7,5 - 12,0 t (16535 - 26455 lb)

ADAPTERS

CW10
KG 23 (LB 50)



| L MM (IN) | WEIGHT KG* (LB*) | CAP. SAE L (GAL) |  |
|--------------|---------------------|---------------------|---|
| 1400 (55) | 337 (743) | 459 (121,3) | AF |
| 1400 (55) | 337 (743) | 459 (121,3) | CW |
| 1500 (59) | 352 (776) | 498 (131,6) | AF |
| 1500 (59) | 352 (776) | 498 (131,6) | CW |
| 1600 (63) | 367 (809) | 537 (141,9) | AF |
| 1600 (63) | 367 (809) | 537 (141,9) | CW |
| 1700 (67) | 382 (842) | 575 (151,9) | AF |
| 1700 (67) | 382 (842) | 575 (151,9) | CW |
| 1800 (71) | 398 (877) | 614 (162,2) | AF |
| 1800 (71) | 398 (877) | 614 (162,2) | CW |

OPTIONAL

| 5 | 6 | 7 | 8 |
|-------|------------|---------------|----------|
| BEZEL | REAR RAZOR | CW REVERSIBLE | PIPE KIT |

* weight of the tank excluding attachment

* weight of the tank excluding attachment