





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.

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<br>(LB) | 0,8 - 1,5<br>(1764 - 3307) | 1,5 - 2,0<br>(3307 - 4409) | 2,0 - 3,0<br>(4409 - 6614) | 3,0 - 4,0<br>(6614 - 8818) | 4,0 - 6,0<br>(8818 - 13228) | 6,0 - 7,5<br>(13228 - 16535) | 7,5 - 9,0<br>(16535 - 19842) | 9,0 - 12,0<br>(19842 - 26455) | 12,0 - 14,0<br>(26455 - 30865) | 12,0 - 14,0<br>(26455 - 30865) | 14,0 - 18,0<br>(30865 - 39683) | 18,0 - 22,0<br>(39683 - 48502) |

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

ADAPTERS

AR15

KG 7 (LB 15)

CS10

KG 10 (LB 22)

CS10 JANUS

KG 10 (LB 22)

CR15

KG 10 (LB 22)

M'LOCK30

KG 10 (LB 22)

S30-150

KG 6 (LB 13)

S30-180

KG 8 (LB 17)

CW00

KG 5 (LB 11)

CW05

KG 9 (LB 19)

350 MM  
14 (IN)

450 MM  
18 (IN)

L

A

HB400 CUTTING EDGE

L  
MM  
(IN)

A  
MM  
(IN)

WEIGHT  
KG\*  
(LB\*)

CAP. SAE  
L  
(GAL)

TEETH  
N°

ADAPTERS

|             |             |            |              |   |               |
|-------------|-------------|------------|--------------|---|---------------|
| 500<br>(20) | 60<br>(2,4) | 33<br>(73) | 55<br>(14,5) | 4 | AF - AR - CS  |
|             |             |            |              |   | CR - S - CM   |
|             |             |            |              |   | CW - CS JANUS |
| 600<br>(24) | 50<br>(2,0) | 38<br>(84) | 68<br>(17,9) | 4 | AF - AR - CS  |
|             |             |            |              |   | CR - S - CM   |
|             |             |            |              |   | CW - CS JANUS |

OPTIONAL

5  
HB500 WELDED ADDITIONAL CUTTING EDGE

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

ADAPTERS

AR15

KG 7 (LB 15)

AR30

KG 10 (LB 22)

CS10

KG 10 (LB 22)

CS10 JANUS

KG 10 (LB 22)

CR15

KG 10 (LB 22)

CR30

KG 10 (LB 28)

M'LOCK30

KG 10 (LB 22)

S30-150

KG 12 (LB 26)

S30-180

KG 6 (LB 13)

CW05

KG 8 (LB 17)

400 MM  
16 (IN)

500 MM  
20 (IN)

L

A

HB400 CUTTING EDGE

L  
MM  
(IN)

A  
MM  
(IN)

WEIGHT  
KG\*  
(LB\*)

CAP. SAE  
L  
(GAL)

TEETH  
N°

ADAPTERS

|             |             |            |              |   |               |
|-------------|-------------|------------|--------------|---|---------------|
| 500<br>(20) | 50<br>(2,0) | 39<br>(86) | 59<br>(15,5) | 4 | AF - AR - CS  |
|             |             |            |              |   | CR - S - CM   |
|             |             |            |              |   | CW - CS JANUS |
| 600<br>(24) | 50<br>(2,0) | 45<br>(99) | 79<br>(20,8) | 4 | AF - AR - CS  |
|             |             |            |              |   | CR - S - CM   |
|             |             |            |              |   | CW - CS JANUS |

OPTIONAL

5  
HB500 WELDED ADDITIONAL CUTTING EDGE

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

ADAPTERS

AR30

KG 10 (LB 22)

AR40

KG 11 (LB 24)

CS10

KG 10 (LB 22)

CS30

KG 18 (LB 39)

CS10 JANUS

KG 10 (LB 22)

CS30 JANUS

KG 19 (LB 41)

CR30

KG 13 (LB 28)

CR40

KG 14 (LB 30)

M'LOCK30

KG 12 (LB 26)

S30-150

KG 6 (LB 13)

S30-180

KG 8 (LB 17)

CW05

KG 9 (LB 19)

480 MM  
19 (IN)

600 MM  
24 (IN)

L

A

HB400 CUTTING EDGE

L  
MM  
(IN)

A  
MM  
(IN)

WEIGHT  
KG\*  
(LB\*)

CAP. SAE  
L  
(GAL)

TEETH  
N°

ADAPTERS

|             |             |             |               |   |               |
|-------------|-------------|-------------|---------------|---|---------------|
| 600<br>(24) | 50<br>(2,0) | 70<br>(154) | 105<br>(27,7) | 4 | AF - AR - CS  |
|             |             |             |               |   | CR - S - CM   |
|             |             |             |               |   | CW - CS JANUS |
| 800<br>(31) | 52<br>(2,1) | 94<br>(207) | 152<br>(40,1) | 5 | AF - AR - CS  |
|             |             |             |               |   | CR - S - CM   |
|             |             |             |               |   | CW - CS JANUS |

OPTIONAL

5  
HB500 WELDED ADDITIONAL CUTTING EDGE

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

ADAPTERS

AR40

KG 11 (LB 24)

CS30

KG 18 (LB 39)

CS30 JANUS

KG 19 (LB 41)

CR40

KG 14 (LB 30)

M'LOCK30

KG 12 (LB 26)

S40-200

KG 15 (LB 33)

CW05

KG 9 (LB 19)

600 MM  
24 (IN)

700 MM  
28 (IN)

L

A

HB400 CUTTING EDGE

L  
MM  
(IN)

A  
MM  
(IN)

WEIGHT  
KG\*  
(LB\*)

CAP. SAE  
L  
(GAL)

TEETH  
N°

ADAPTERS

|             |             |              |               |   |               |
|-------------|-------------|--------------|---------------|---|---------------|
| 600<br>(24) | 51<br>(2,0) | 89<br>(196)  | 151<br>(39,9) | 4 | AF - AR - CS  |
|             |             |              |               |   | CR - S - CM   |
|             |             |              |               |   | CW - CS JANUS |
| 700<br>(28) | 55<br>(2,2) | 99<br>(218)  | 184<br>(48,6) | 5 | AF - AR - CS  |
|             |             |              |               |   | CR - S - CM   |
|             |             |              |               |   | CW - CS JANUS |
| 800<br>(31) | 52<br>(2,1) | 113<br>(249) | 222<br>(58,6) | 5 | AF - AR - CS  |
|             |             |              |               |   | CR - S - CM   |
|             |             |              |               |   | CW - CS JANUS |

OPTIONAL

5  
HB500 WELDED ADDITIONAL CUTTING EDGE

\* weight of the tank excluding attachment

\* weight of the tank excluding attachment

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

ADAPTERS

AR50  
KG 17 (LB 37)

CS30  
KG 18 (LB 39)

CS30 JANUS  
KG 19 (LB 41)

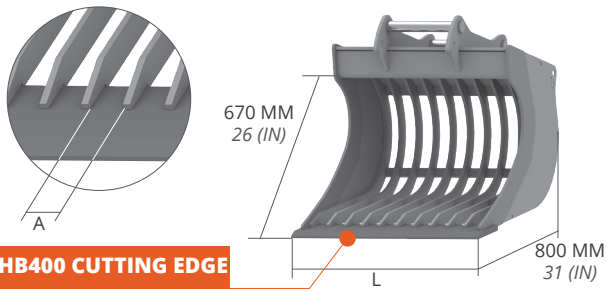
CS80  
KG 44 (LB 97)

CR50  
KG 22 (LB 48)

M'LOCK100  
KG 35 (LB 77)

S40-200  
KG 15 (LB 33)

CW10  
KG 23 (LB 50)



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

OPTIONAL

5  
HB500 WELDED ADDITIONAL CUTTING EDGE

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

ADAPTERS

AR70  
KG 24 (LB 52)

CS80  
KG 44 (LB 97)

CS80 JANUS  
KG 46 (LB 101)

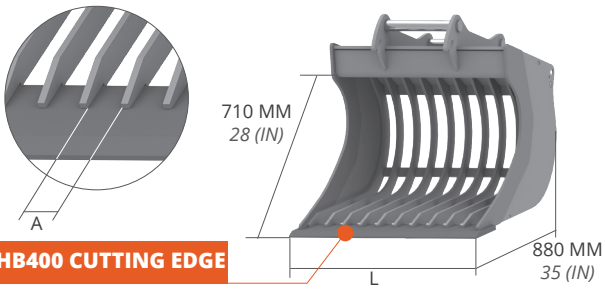
CR70  
KG 34 (LB 75)

M'LOCK100  
KG 35 (LB 77)

S45  
KG 28 (LB 51)

S50  
KG 29 (LB 63)

CW10  
KG 23 (LB 50)



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

OPTIONAL

5  
HB500 WELDED ADDITIONAL CUTTING EDGE

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

ADAPTERS

CS80  
KG 44 (LB 97)

CS80 JANUS  
KG 46 (LB 101)

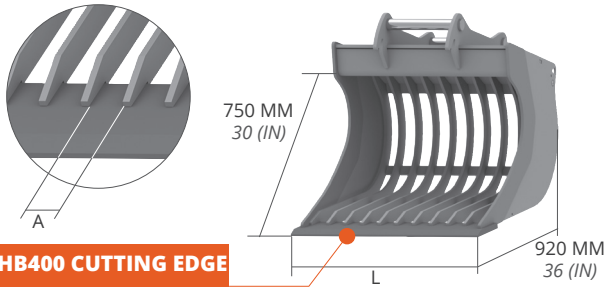
CR70  
KG 34 (LB 75)

M'LOCK100  
KG 35 (LB 77)

S45  
KG 28 (LB 61)

S50  
KG 29 (LB 63)

CW10  
KG 23 (LB 50)



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

OPTIONAL

5  
HB500 WELDED ADDITIONAL CUTTING EDGE

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

ADAPTERS

CS80  
KG 44 (LB 97)

CS80 JANUS  
KG 46 (LB 101)

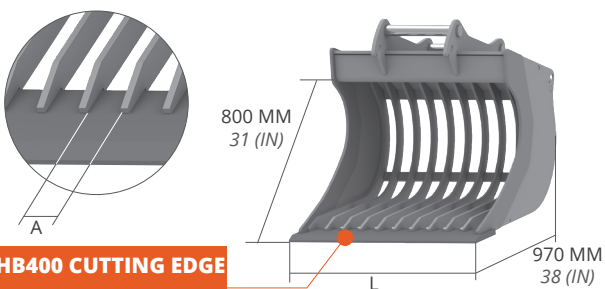
CR70  
KG 34 (LB 75)

M'LOCK100  
KG 35 (LB 77)

S45  
KG 66 (LB 145)

S50  
KG 28 (LB 61)

CW10  
KG 29 (LB 63)



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

OPTIONAL

5  
HB500 WELDED ADDITIONAL CUTTING EDGE

\* weight of the tank excluding attachment

\* weight of the tank excluding attachment

VS85 GD **MIDI**

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

ADAPTERS

CS100

KG 45 (LB 99)

CS100 JANUS

KG 93 (LB 205)

M'LOCK100

KG 66 (LB 145)

S60

KG 57 (LB 125)

CW20

KG 57 (LB 126)

HB400 CUTTING EDGE

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

OPTIONAL

5

HB500 WELDED ADDITIONAL CUTTING EDGE

VS92 GD **EXCAVATOR**

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

ADAPTERS

CS100

KG 45 (LB 99)

CS100 JANUS

KG 93 (LB 205)

M'LOCK100

KG 66 (LB 145)

S60

KG 57 (LB 125)

CW20

KG 57 (LB 126)

HB400 CUTTING EDGE

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

OPTIONAL

5

HB500 WELDED ADDITIONAL CUTTING EDGE

VS100 GD

MACHINE WEIGHT 14,0 - 18,0 t (30865 - 39683 lb)

ADAPTERS

CS100

KG 45 (LB 99)

CS100 JANUS

KG 93 (LB 205)

M'LOCK100

KG 66 (LB 145)

S60

KG 57 (LB 125)

CW20

KG 57 (LB 126)

HB400 CUTTING EDGE

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

OPTIONAL

5

HB500 WELDED ADDITIONAL CUTTING EDGE

VS110 GD

MACHINE WEIGHT 18,0 - 22,0 t (39683 - 48502 lb)

ADAPTERS

CS100

KG 45 (LB 99)

CS100 JANUS

KG 93 (LB 205)

M'LOCK100

KG 66 (LB 145)

S60

KG 57 (LB 125)

CW30

KG 66 (LB 145)

HB400 CUTTING EDGE

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

OPTIONAL

5

HB500 WELDED ADDITIONAL CUTTING EDGE

\* weight of the tank excluding attachment

\* weight of the tank excluding attachment