



PF/PG SORTING GRAPPLES
FOR EXCAVATOR



EXCAVATOR



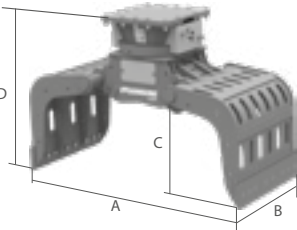
BACKHOE LOADER



HB400



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.



	W/O COUPLER	KG (LB)	88 (194)	143 (315)	203 (448)	310 (683)	380 (838)	400 (882)	5 50 (1213)	590 (1301)	630 (1389)	645 (1422)
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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)	5 50 (1213)	590 (1301)	630 (1389)	645 (1422)
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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
N.		5	5	5	5	5	5	7	7	7	7
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.