

C40VHD

Re-handling Clamshell Buckets

Durable Re-handling Clamshell Bucket, especially for loading bulk materials for excavators from 18t / 39600 lbs to 25t / 55000 lbs, as well as re-handling excavator from 20t / 44000 lbs to 40t / 88000 lbs.

- Optimal loading due to high volume of the torsion-resistant shells and precise positioning thanks to integrated rotation.
- Precise positioning with an integrated rotator.
- Long life is ensured due to the use of 500 HB steel in the manufacture of cutting edges. Shell back walls (8 mm / 0.31 in, HB 400) also resist highly abrasive materials. Bearing points with specially coated bushings and hardened pins.
- Wear resistant shells. C40VHD-C: due to closed shells ideal for very fine-grained loads (e.g. fertilizer)
- With integrated rotation: Swivel and bevel sealed. Rotary feedthrough and motor accessible directly.
- Integrated non-return valve guarantees security of the load.
- Excellent digging characteristics are the result of high closing forces due to two vertical cylinders.



C40VHD-24

C40VHD Open Versions with different opening widths

Type	Opening (mm/in)	Width (mm/in)	Height (mm/in)	Volume (litre/c.y.)	Weight (kg/lbs)	Capacity (kg/lbs)
C40VHD-125-24	2400 / 94.49	1250 / 49.21	2530 / 99.60	1250 / 1.64	1670 / 3674	7000 / 15400
C40VHD-150-24	2400 / 94.49	1500 / 59.06	2530 / 99.60	1500 / 1.96	1700 / 3740	7000 / 15400
C40VHD-175-24	2400 / 94.49	1750 / 68.90	2530 / 99.60	1750 / 2.29	1770 / 3894	7000 / 15400
C40VHD-200-24	2400 / 94.49	2000 / 78.74	2530 / 99.60	2000 / 2.62	1920 / 4224	7000 / 15400
C40VHD-125-26	2600 / 102.36	1250 / 49.21	2640 / 103.94	1560 / 2.04	1680 / 3696	7000 / 15400
C40VHD-150-26	2600 / 102.36	1500 / 59.06	2640 / 103.94	1875 / 2.45	1760 / 3872	7000 / 15400
C40VHD-175-26	2600 / 102.36	1750 / 68.90	2640 / 103.94	2190 / 2.86	1830 / 4026	7000 / 15400
C40VHD-180-26	2600 / 102.36	1800 / 70.87	2640 / 103.94	2300 / 3.01	1850 / 4070	7000 / 15400
C40VHD-200-26	2600 / 102.36	2000 / 78.74	2640 / 103.94	2500 / 3.27	1990 / 4378	7000 / 15400
C40VHD-150-28	2800 / 110.24	1500 / 59.06	2740 / 107.87	2250 / 2.94	1870 / 4114	7000 / 15400
C40VHD-175-28	2800 / 110.24	1750 / 68.90	2740 / 107.87	2600 / 3.40	1960 / 4312	7000 / 15400
C40VHD-200-28	2800 / 110.24	2000 / 78.74	2740 / 107.87	3000 / 3.92	2050 / 4510	7000 / 15400
C40VHD-230-28	2800 / 110.24	2300 / 90.55	2740 / 107.87	3500 / 4.58	2150 / 4730	7000 / 15400
C40VHD-150-30	3000 / 118.11	1500 / 59.06	2820 / 111.02	2600 / 3.40	1920 / 4224	7000 / 15400
C40VHD-175-30	3000 / 118.11	1750 / 68.90	2820 / 111.02	3000 / 3.92	2010 / 4422	7000 / 15400
C40VHD-200-30	3000 / 118.11	2000 / 78.74	2820 / 111.02	3500 / 4.58	2100 / 4620	7000 / 15400
C40VHD-230-30	3000 / 118.11	2300 / 90.55	2820 / 111.02	4000 / 5.23	2250 / 4950	7000 / 15400

Package consists of: re-handling clamshell bucket, rotation (pin-Ø 70 mm/2.76 in / lug distance 227 mm / 8.94 in) and non-return valve

C60VHD-C Closed Version (other opening options on request)

Type	Opening (mm/in)	Width (mm/in)	Height (mm/in)	Volume (litre/c.y.)	Weight (kg/lbs)	Capacity (kg/lbs)
C40VHD-125-26-C	2600 / 102.36	1250 / 49.21	2640 / 103.94	1875 / 2.45	1870 / 4114	7000 / 15400
C40VHD-150-26-C	2600 / 102.36	1500 / 59.06	2640 / 103.94	2250 / 2.94	1970 / 4334	7000 / 15400
C40VHD-175-26-C	2600 / 102.36	1750 / 68.90	2640 / 103.94	2625 / 3.43	2070 / 4554	7000 / 15400
C40VHD-200-26-C	2600 / 102.36	2000 / 78.74	2640 / 103.94	3000 / 3.92	2180 / 4796	7000 / 15400

Package consists of: re-handling clamshell bucket, rotation (pin-Ø 70 mm/2.76 in / lug distance 227 mm / 8.94 in) and non-return valve

Accessories

Type	Description
KM 501 RD50	upper suspension without pendulum damper
KM 680 C40VHD	scraper for C40VHD - self weight approx. 250 kg / 550 lbs (please specify width and opening when ordering apart)

Requirements of Excavator

Operating pressure (open/close):	max. 35 MPa (350 bar) / 5040 psi
Recommended oil flow (open/close):	120 - max. 200 l/min / 31.70 - max. 52.84 GPM
Operating pressure (rotation):	max. 14 MPa (140 bar) / 2016 psi
Recommended oil flow (rotation):	20 - 30 l/min / 5.28 - 7.92 GPM

Technical Drawings

