

Durable Re-handling Clamshell Bucket, especially for loading bulk materials for excavators from 18t / 39,600lbs to 25t / 55,000lbs, as well as re-handling excavators from 20t / 44,000lbs to 40t / 88,000lbs.

- ▷ **Optimal loading** due to high volume of the torsion-resistant shells and precise positioning thanks to **integrated rotation**.
- ▷ **Long life** is ensured due to the use of 500HB steel in the manufacture of cutting edges. Shell back walls (8 mm/0.3in, 400HB) 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.
- ▷ **Excellent digging characteristics** are the result of high closing forces due to two vertical cylinders.
- ▷ **Non-return valve** is optionally available.



C40VHD-24

Re-handling Clamshell Buckets with open shells C40VHD

Type	Opening (mm/in)	Width E (mm/in)	Height C (mm/in)	Volume (liter/c.y.)	Weight (kg/lbs)	Load capacity (kg/lbs)
C40VHD-125-24	2,400 / 94.5	1,250 / 49.2	2,530 / 99.6	1,250 / 1.64	1,670 / 3,674	7,000 / 15,400
C40VHD-150-24	2,400 / 94.5	1,500 / 59.1	2,530 / 99.6	1,500 / 1.96	1,700 / 3,740	7,000 / 15,400
C40VHD-175-24	2,400 / 94.5	1,750 / 68.9	2,530 / 99.6	1,750 / 2.29	1,770 / 3,894	7,000 / 15,400
C40VHD-200-24	2,400 / 94.5	2,000 / 78.7	2,530 / 99.6	2,000 / 2.62	1,920 / 4,224	7,000 / 15,400
C40VHD-125-26	2,600 / 102.4	1,250 / 49.2	2,640 / 59.1	1,560 / 2.04	1,680 / 3,696	7,000 / 15,400
C40VHD-150-26	2,600 / 102.4	1,500 / 59.1	2,640 / 59.1	1,875 / 2.45	1,760 / 3,872	7,000 / 15,400
C40VHD-175-26	2,600 / 102.4	1,750 / 68.9	2,640 / 59.1	2,190 / 2.86	1,830 / 4,026	7,000 / 15,400
C40VHD-180-26	2,600 / 102.4	1,800 / 70.9	2,640 / 59.1	2,300 / 3.01	1,850 / 4,070	7,000 / 15,400
C40VHD-200-26	2,600 / 102.4	2,000 / 78.7	2,640 / 59.1	2,500 / 3.27	1,990 / 4,378	7,000 / 15,400
C40VHD-150-28	2,800 / 110.2	1,500 / 59.1	2,740 / 107.9	2,250 / 2.94	1,870 / 4,114	7,000 / 15,400
C40VHD-175-28	2,800 / 110.2	1,750 / 68.9	2,740 / 107.9	2,600 / 3.40	1,960 / 4,312	7,000 / 15,400
C40VHD-200-28	2,800 / 110.2	2,000 / 78.7	2,740 / 107.9	3,000 / 3.92	2,050 / 4,510	7,000 / 15,400
C40VHD-230-28	2,800 / 110.2	2,300 / 90.6	2,740 / 107.9	3,500 / 4.58	2,150 / 4,730	7,000 / 15,400
C40VHD-150-30	3,000 / 118.1	1,500 / 59.1	2,820 / 111	2,600 / 3.40	1,920 / 4,224	7,000 / 15,400
C40VHD-175-30	3,000 / 118.1	1,750 / 68.9	2,820 / 111	3,000 / 3.92	2,010 / 4,422	7,000 / 15,400
C40VHD-200-30	3,000 / 118.1	2,000 / 78.7	2,820 / 111	3,500 / 4.58	2,100 / 4,620	7,000 / 15,400
C40VHD-230-30	3,000 / 118.1	2,300 / 90.6	2,820 / 111	4,000 / 5.23	2,250 / 4,950	7,000 / 15,400

Re-handling Clamshell Buckets with closed shells C40VHD-C (other opening widths on request)

Type	Opening (mm/in)	Width E (mm/in)	Height C (mm/in)	Volume (liter/ c.y)	Weight (kg/lbs)	Load capacity (kg/lbs)
C40VHD-125-26-C	2,600 / 102.4	1,250 / 49.2	2,640 / 59.1	1,875 / 2.45	1,870 / 4114	7,000 / 15,400
C40VHD-150-26-C	2,600 / 102.4	1,500 / 59.1	2,640 / 59.1	2,250 / 2.94	1,970 / 4334	7,000 / 15,400
C40VHD-175-26-C	2,600 / 102.4	1,750 / 68.9	2,640 / 59.1	2,625 / 3.43	2,070 / 4554	7,000 / 15,400
C40VHD-200-26-C	2,600 / 102.4	2,000 / 78.7	2,640 / 59.1	3,000 / 3.92	2,180 / 4796	7,000 / 15,400

All package consists of: re-handling clamshell bucket, **KINSHOFER** rotation (pin-Ø 70mm/2.8in / lug distance 227mm/8.9in)

Accessories

Type	Description
KM 501 RD50	upper suspension without pendulum damper
KM 680 C40VHD	scraper, weight approx. 250kg/550lbs - specify width and opening when ordering alone

Requirements of carrier machine

Operating pressure (open/close):	max. 35 MPa (350 bar) / 5,070psi
Pump capacity (open/close):	120 - max. 200 l/min / 32 - max. 53GPM
Operating pressure (rotate):	max. 14 MPa (140 bar) / 2,030psi
Pump capacity (rotate):	20 - 30 l/min / 5 - 8GPM

Technical drawings

