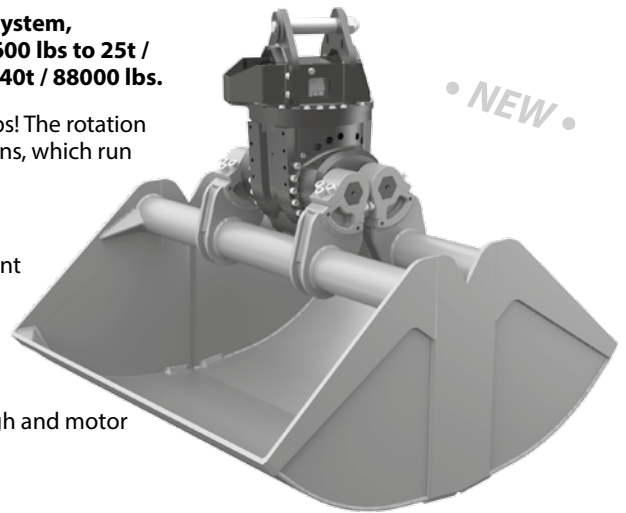


C40HPX

Re-handling Clamshell Bucket

Durable, cylinderless re-handling clamshell bucket with **HPXdrive** system, especially for loading bulk materials with excavators from 18t / 39600 lbs to 25t / 55000 lbs as well as re-handling excavators from 20t / 44000 lbs to 40t / 88000 lbs.



- **HPXdrive** – the revolutionary concept for hydraulically operated grabs! The rotation of the arms of the grab is generated by two hydraulically driven pistons, which run opposed and have four helix threads. No hydraulic cylinder required! No short hose connections required!
- The drive unit runs in a permanent oil bath which ensures a 50% longer life cycle and a low maintenance. The **HPXdrive** is resistant against dirt and blows due to the compact design.
- Optimal loading due to high volume of the torsion-resistant shells and precise positioning thanks to integrated rotation.
- Constant closing forces during the entire gripping process.
- With integrated rotation: Swivel and bevel sealed. Rotary feedthrough and motor accessible directly.
- Integrated non-return valve guarantees secure retention of loads.
- Easy shell exchange for maximum flexibility and efficiency!

Re-handling Clamshell Bucket open versions C40HPX with different opening widths								
Type	Opening (mm/in)	Width E (mm/in)	Height C min. (mm/in)	Height C max. (mm/in)	Volume (liters/c.y.)	Weight (kg/lbs)	Load capacity (kg/lbs)	Closing force cutting edges (kN/lbf)
C40HPX-200-24	2420 / 95.28	2000 / 78.74	950 / 37.4	1820 / 71.65	2000 / 2.61	2135 / 4697	9000 / 19800	69 / 15180
C40HPX-200-26	2620 / 103.15	2000 / 78.74	950 / 37.4	1920 / 75.59	2500 / 3.27	2140 / 4708	9000 / 19800	64 / 14080
C40HPX-200-28	2820 / 111.02	2000 / 78.74	950 / 37.4	2020 / 79.53	3000 / 3.92	2155 / 4741	9000 / 19800	59 / 12980
C40HPX-175-30	3020 / 118.89	1750 / 68.89	950 / 37.4	2120 / 83.46	3500 / 4.57	2085 / 4587	9000 / 19800	55 / 12100
C40HPX-200-30	3020 / 118.89	2000 / 78.74	950 / 37.4	2120 / 83.46	4000 / 5.23	2170 / 4774	9000 / 19800	55 / 12100

Package consists of: re-handling clamshell bucket, **KINSHOFER** rotation incl. head plate (pin-Ø 70 mm/2.76 in / lug distance 227 mm / 8.94 in), **HPXdrive** system, non return valve

Re-handling Clamshell Bucket closed versions C40HPX-C (other opening widths on request)								
Type	Opening (mm/in)	Width E (mm/in)	Height C min. (mm/in)	Height C max. (mm/in)	Volume (liters/c.y.)	Weight (kg/lbs)	Load capacity (kg/lbs)	Closing force cutting edges (kN/lbf)
C40HPX-150-25-C	2500 / 98.42	1500 / 59.05	975 / 38.38	1900 / 74.8	1900 / 2.48	2075 / 4565	9000 / 19800	67 / 14740
C40HPX-175-25-C	2500 / 98.42	1750 / 68.89	975 / 38.38	1900 / 74.8	2150 / 2.81	2175 / 4785	9000 / 19800	67 / 14740
C40HPX-200-25-C	2500 / 98.42	2000 / 78.74	975 / 38.38	1900 / 74.8	2500 / 3.27	2275 / 5005	9000 / 19800	67 / 14740

Package consists of: re-handling clamshell bucket, **KINSHOFER** rotation incl. head plate (pin-Ø 70 mm/2.76 in / lug distance 227 mm / 8.94 in), **HPXdrive** system, non return valve

Accessories

Type	Description
KM 501 RD50	upper suspension without pendulum damper
KSW21/25 cardanic	adapter for „System L-Lock“ KMS21/25 / KHS21/25 incl. cardan link excl. pendulum damper – up to 40t / 88000 lbs adapter for quick exchange systems from other manufacturers or sizes available

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):	max. 26-60 l/min / 6.87 - 15.85 GPM
Cycle times (open/close):	2,8 / 1,5 sec. at 200 l/min / 52.84 GPM

Technical Drawings

