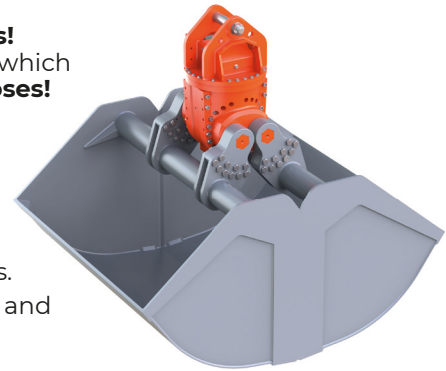


Robust, cylinderless re-handling clamshell bucket with *HPXdrive*, especially for loading bulk materials for excavators from 18t to 25t, as well as re-handling excavator from 20t to 40t.

- ▶ **HPXdrive** – the revolutionary concept for hydraulically operated grabs! The rotation of the arms of the grab is generated by two hollow shafts, which run opposed with four helix threads. **No hydraulic cylinder or short hoses!**
- ▶ **50% longer life cycle.** The drive unit runs in a permanent oil bath, no lubrication necessary. 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 opening and closing process.
- ▶ With **integrated rotation**: Swivel and bevel sealed. Rotary feedthrough and motor accessible directly.
- ▶ **Integrated non-return valve** guarantees security of the load.
- ▶ Max. density of load: 1200 kg/m<sup>3</sup>.



### Re-handling Clamshell Buckets with open shells C40HPX

Type	Opening (mm)	Width E (mm)	Height C min. (mm)	Height C max. (mm)	Volume (liter)	Weight (kg)	Capacity (kg)	Closing force at cutting edge (kN)
C40HPX-082-28	2820	825	950	2020	1250	1825	9000	59
C40HPX-160-26	2620	1600	950	1920	2000	2016	9000	64
C40HPX-180-24	2420	1800	950	1820	1900	1910	9000	69
C40HPX-180-25	2520	1800	980	1910	2100	1990	9000	66
C40HPX-180-26	2620	1800	950	1920	2300	2050	9000	64
C40HPX-180-28	2820	1800	950	2020	2700	2100	9000	59
C40HPX-200-24	2420	2000	950	1820	2000	2135	9000	69
C40HPX-200-26	2620	2000	950	1920	2500	2140	9000	64
C40HPX-200-28	2820	2000	950	2020	3000	2155	9000	59
C40HPX-200-30	3020	2000	950	2120	4000	2170	9000	55
C40HPX-250-30	3020	2500	950	2120	5000	2480	9000	55

### Re-handling Clamshell Buckets with closed shells C40HPX-C (other opening widths on request)

Type	Opening (mm)	Width E (mm)	Height C min. (mm)	Height C max. (mm)	Volume (liter)	Weight (kg)	Capacity (kg)	Closing force at cutting edge (kN)
C40HPX-150-26-C	2600	1500	990	1950	2250	2400	9000	55
C40HPX-150-30-C	3000	1500	1020	2160	3000	2400	9000	63
C40HPX-200-26-C	2600	2000	990	1950	3000	2360	9000	55
C40HPX-200-30-C	3000	2000	1020	2160	4000	2440	9000	63
C40HPX-250-26-C	2600	2500	990	1950	3750	2320	9000	55
C40HPX-250-30-C	3000	2500	1020	2160	5000	2480	9000	63

All package consists of: re-handling clamshell bucket, **KINSHOFER** rotation (pin-∅ 70 mm / lug distance 227 mm), HPXdrive and non-return valve

### Accessories

Typ	Description
KM 501 RD50	upper suspension without pendulum damper
KSW21/25 cardanic	adapter for system L-Lock KMS21/25L / KHS21/25L incl. cardan link excl. pendulum damper – up to 40t adapters for quick change systems from other manufacturers or different sizes on request

### Requirements of carrier machine

Operating pressure (open/close):	max. 35 MPa (350 bar)
Pump capacity (open/close):	120 - max. 300 l/min
Operating pressure (rotate):	max. 14 - 25 MPa (140 - 250 bar)
Pump capacity (rotate):	max. 20 - 50 l/min
Cycle times (open/close)	1,5 / 2,8 Sek. bei 200 l/min

### Technical drawings

