

## Demolition and Sorting Grab with *HPXdrive*

## D03HPX/D05HPX/D09HPX

Demolition and sorting grab with the maintenance-free *HPXdrive* for excavators up to 3t/ 5t/ 9t operating weight – the universal tool for all kind of light demolition and sorting work.

- **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 and have a helix thread, hydraulically driven by a single piston. No hydraulic cylinder!
- 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
- constant closing forces during the entire operation
- different applications possible through easy exchange system
- the perforated skin of the shells lets fine dust and gravel through – without larger pieces blocking the shell filter system
- integrated non-return valve guarantees secure retention of the loads
- long life is ensured due to the use of 400 HB steel in the manufacture of cutting edges (usable both sides)



### Demolition and Sorting Grab D03HPX/D05HPX/D09HPX

Type	Width B (mm)	Opening range A (mm)	Height C (mm)	Volume (litre)	Self weight (kg)	Load capacity (kg)	Closing force (kN)	Operating weight (t)
D03HPX-40	400	975	820	60	260	1000	26	3
D05HPX-50	500	1135	910	100	295	1000	24	3 - 5
D09HPX-60	600	1400	1010	150	360	1000	18	5 - 9

Package consists of: demolition- and sorting grab, **KINSHOFER** rotator, non-return valve, cutting edges

### KINSHOFER Rotator

Integrated in a single unit with the HPXdrive, no more connecting hoses. Continuous rotation. Overload protection ensured by pressure relief valves.

Type	Upper connection (Width/Ø-hole pattern) (mm)	Torque (Nm)	Moment of deflection max (Nm)
D03HPX/D05HPX: KM 06 F 173/180	6 x M16 / Ø 180	1000	8500
D09HPX: KM 15F 273/273	10 x M16 / Ø 273	2000	50000

### Accessories

Type	Description
	adapter connection plate for specific solutions – up to 8t
	adapter for rigid mounting – up to 8t
MS03	bolt-on-adapter for Lehnhoff grab exchange system SW/MS03 with SW03 – up to 5t
MS08	bolt-on-adapter for Lehnhoff grab exchange system SW/MS08 with SW08 – up to 12t
	adapter for quick exchange systems from other manufacturers available
KM 980-2	solenoid valve for additional oil circuit, up to 25 MPa, ready for mounting

### Requirements of Excavator

**Operating pressure:** max. 32 MPa (320 bar), internal working pressure of 26 MPa (260 bar)  
**Pump capacity:** 40 to 75 l/min.

### Technical Drawings

