

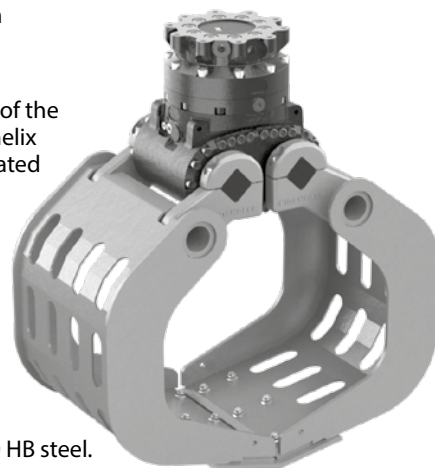
D09HPX

• **NEW** •

Demolition and Sorting Grab with **HPXdrive**

Demolition and sorting grab with the low maintenance **HPXdrive** for excavators up to 9t / 19800 lbs 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 required! Integrated non-return valve guarantees secure retention of the loads!
- 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.
- Including the flat 15t-rotator with 360° endless rotation for precise positioning.
- Constant closing forces during the entire operation.
- Different applications possible through easy exchange system.
- New improved shell design! The perforated skin of the shells lets fine dust and gravel through – without larger pieces blocking the shell filter system.
- Cutting edges usable both sides - robust due to the use of cutting edge material 500 HB steel.
- Optional: adapter with compression rails to handle e.g. curbstones without damaging them.



Demolition and Sorting Grab D09HPX

Type	Width E (mm/in)	Opening A (mm/in)	Height C max. (mm/in)	Volume (litre/c.y.)	Weight (kg/lbs)	Load capacity* (form locking) (kg/lbs)	Load capacity* (friction locking) (kg/lbs)	Closing force** (kN/lbf)
D09HPX-50	520 / 20.47	1545 / 60.83	1061 / 41.77	220 / 0.29	415 / 913	2500 / 5500	1000 / 2200	15,3 / 3366

*) the load capacity indicated depends on the characteristics of the load (surface, largeness etc.) **) at 26 MPa / 3744 psi

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

KINSHOFER Rotator

Continuous rotation and two oil passages. Overload protection is ensured by pressure relief valves.

Type	Upper connection (bores/Ø-hole pattern) (mm/in)	Torque (Nm/ft.lbs)	Moment of deflection max. (Nm/ft.lbs)
KM 15 F273/273	10 x M16 / Ø 273/10.75	2000 / 1475	50000 / 36875

Accessories

Type	Description
KM 691 8t	adapter connection plate for specific solutions – up to 8t / 17600 lbs
KM 690 8t	adapter for rigid mounting – up to 8t / 17600 lbs
OQ45	bolt-on-adapter for Oilquick OQ45 – 5t to 12t / 11000 lbs to 26400 lbs
KSW08 rigid	bolt-on-adapter for „System L-Lock“ KMS08/KHS08 for rigid mounting – up to 12t / 26400 lbs
	adapters for quick change systems – from other manufacturers or different sizes available on request
KM 980-2 2-8t	solenoid valve for additional oil circuit, up to 26 MPa / 37.44 psi, ready for mounting for self installation without parts
KM 980-2 2-8t c	solenoid valve for additional oil circuit, up to 26 MPa / 37.44 psi, incl. assembly parts and mounting
D09HPX-50S	exchangeable shells for D09HPX-50 incl. exchange aid
KM 685 05-D04-D09	Plug-in device with pressure rails for D04 to D09 (load capacity with compression rails: 750 kg)

Requirements of Excavator

Operating pressure (Open/Close):	max. 32 MPa (320 bar) / 4608 psi and internal 26 MPa (260 bar) / 3744 psi
Recommended oil flow (Open/Close):	40 - max. 75 l/min / 10.57 - max. 19.82 GPM
Operating pressure (Rotation):	max. 35 MPa (350 bar) / 5040 psi
Recommended oil flow (Rotation):	20 - max. 50 l/min / 5.28 - max. 13.21 GPM

Technical Drawings

