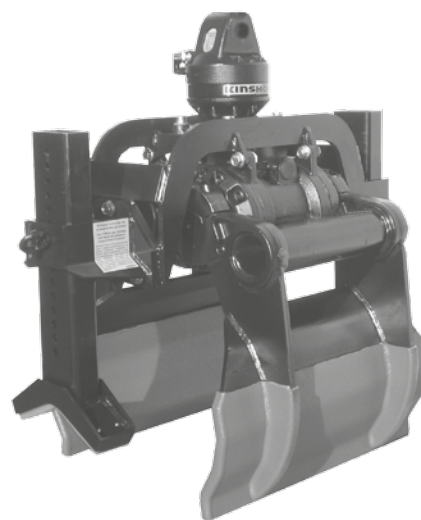


Pipe Grab with *HPXdrive*

KM 930HPX

The KM 930HPX Pipe Grab with the maintenance-free *HPXdrive* has been developed especially for the secure lifting and positioning of poles and tubes for excavators with up to 9t / 19800 lbs operating weight.

- **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!
- **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.
- **High flexibility** thanks to integrated shell exchange system.
- Optional: **PU-coating** of shells for better grip.
- **Constant closing force** of 22 kN / 4840 lbf at 26 MPa / 3744 psi (KM 930HPX-SD) or 43 kN / 9460 lbf at 32 MPa / 4608 psi (KM 930HPX-HD) internal pressure during the complete gripping process.



Pipe Grab KM 930HPX

Type	Load capacity (kg/lbs)	Tube Ø (min. - max.) (mm/in)	Width E (mm/in)	Opening range (mm/in)	Height C max. (mm/in)	Weight (kg/lbs)	Closing force (kN/lbf)	Operating weight excavator (t/lbs)
KM 930HPX-SD	1000 / 2200	70 - 400 / 2.76 - 15.75	930 / 36.61	1130 / 44.49	900 / 35.43	230 / 506	22 / 4840	5 - 9 / 11000 - 19800
KM 930HPX-HD	2000 / 4400	70 - 400 / 2.76 - 15.75	930 / 36.61	1130 / 44.49	900 / 35.43	230 / 506	43 / 9460	5 - 9 / 11000 - 19800

Package consists of: pipe grab, **KINSHOFER** rotator, locking valve

Note: tubes and poles must be clamped in the centre of gravity.

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 x pin-Ø) (mm/in)	Torque (Nm/ft.lbs)	Moment of deflection max. (Nm/ft.lbs)
KM 04 F140-30VE	84 x 30 / 3.31 x 1.18	850 / 625	3000 / 2215

Accessories

Type	Description
KM 501 1t-8t	upper suspension without pendulum damper
KM 511 1t-8t	upper suspension with pendulum damper
SW03 cardanic	adapter for Lehnhoff grab exchange system SW/MS03 without suspension – up to 5t / 11000 lbs
SW08 cardanic	adapter for Lehnhoff grab exchange system SW/MS08 without suspension – up to 12t / 26400 lbs
	adapter for quick exchange systems from other manufacturers available

Requirements of Excavator

Operating pressure (open/close):	max. 32 MPa (320 bar) / 4608 psi. SD-module: internal limitation on 26 MPa (260 bar) / 3744 psi
Pump capacity (open/close):	40 - 75 l/min / 10.57 - 19.82 GPM
Operating pressure (rotation):	max. 32 MPa (320 bar) / 4608 psi
Pump capacity (rotation):	15 - 50 l/min / 3.96 - 13.21 GPM

Technical Drawings

