

The rail grapple KM 632HPX Rail with its *HPXdrive* is used for the loading and unloading of rails, but also, with care, handle single sleepers. A non-return valve secures constant pressure even in case of unexpected pressure drop.

The revolutionary *HPXdrive* technology guarantees a reliable and low maintenance attachment. The grapple is ideal for mobile loader cranes as well as for rigidly mounted loader cranes on maintenance trailers.

- ▶ **Reliability** of the HPXdrive! The movement of the arms of the grapple is generated by two hollow shafts, which run opposed and have a helix thread, hydraulically driven by a single piston. No more hydraulic cylinder.
- ▶ **Longer life cycle** up to 50%! **Self-lubrication:** The drive unit runs in a permanent oil bath. The compact design makes the HPXdrive resistant to dirt and debris.
- ▶ **Versatility** with different types of shells that can easily be refitted onto the driving unit.
- ▶ **Profitability** through low maintenance costs and longer life cycle.
- ▶ **Rotator with shaft** KM 04 S is available as an alternative, in case a quick change KM 505 (or a reduction link KM 502 or e.g. for a non-rotating hook) is required.
- ▶ **Constant closing force** (34 kN at 26 MPa operating pressure) during the entire opening and closing process.



Package rail grapple KM 632HPX Rail c with **KINSHOFER** Flange Rotator

Type	Length	Width	Height	Weight	Closing force (kN) at 26 MPa	Load capacity (kg)
	(mm)	(mm)	(mm)	(kg)		
KM 632HPX Rail c	1000	560	740	265	34	2000

Package consists of: rail grapple, KINSHOFER rotator KM 04 F140-30V, upper suspension KM 501 (4500), non-return valve

HPX-KM 505 add also available with a shaft rotator and quick change system KM 505

Accessoires

Type	Description
KM 04 S	KINSHOFER shaft rotator for precise positioning of the load – up to 4500 kg load capacity
KM 04 S68-30US	recommended KINSHOFER shaft rotator for heavy duty tasks – up to 4500 kg load capacity
KM 505	quick change system for shaft-type rotator KM 04 S
KM 505 HD	quick change system HD for shaft-type rotator KM 04 S68-30US
KM 502 (4500)	reduction link between rotator and grapple
KM 204 01	mobile part of hydraulic quick coupling for hose (Ø 10 mm, 2 pieces)
KM 204 03	hydraulic quick change kit incl. mobile and fixed parts (2 pc. each) mounted to rotator
KM 632HPX Rail-S	exchangeable tines for rail grapple, incl. exchange aid – weight tines 125 kg

Requirements of truck crane

Operating pressure: 26 MPa (260 bar)

Recommended oil flow: 25 - max. 75 l/min

Technical drawings

