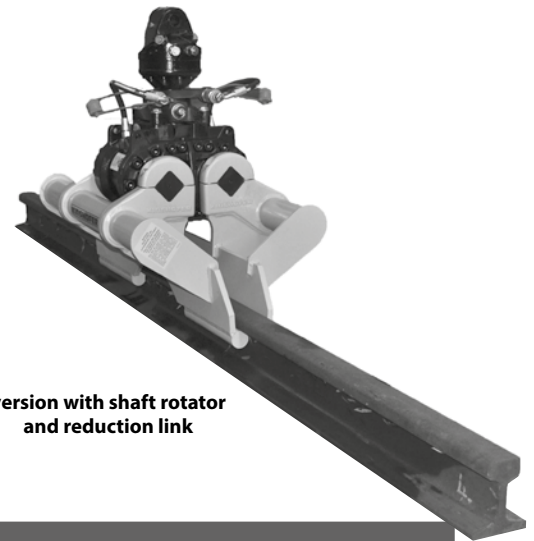


# Rail Grapple with *HPXdrive*

# KM 632HPX Rail

The Rail Grapple KM 632HPX Rail with its *HPXdrive* is used for the loading and unloading of rails, but even also – if carefully done – of single sleepers. A non-return valve secures constant pressure even in case of unexpected pressure drop. The revolutionary *HPXdrive* technology guarantees a reliable and virtually maintenance free attachment. – The gripper 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 piece KM 502 f.ex. for a non-rotating hook) is required.
- **Constant closing force** (34 kN / 7480 lbf at 26 MPa / 3744 psi operating pressure) during the entire opening and closing process.



version with shaft rotator and reduction link

### Package Rail Grapple KM 632HPX Rail with **KINSHOFER** Flange Rotator

Type	Length	Width	Height	Weight	Closing force (kN / lbf)	Load capacity (kg / lbs)
	(mm / in)	(mm / in)	(mm / in)	(kg / lbs)	at 26 MPa / 3744 psi	
<b>KM 632HPX Rail</b>	1000 / 39.37	560 / 22.05	740 / 29.13	265 / 583	34 / 7480	2000 / 4400

**Package consists of:** rail grapple, rotator KM 04 F140-30V, upper suspension KM 501 4500, non-return valve  
**Please note:** the KM 632HPX Rail is also available with a shaft rotator and quick change system KM 505

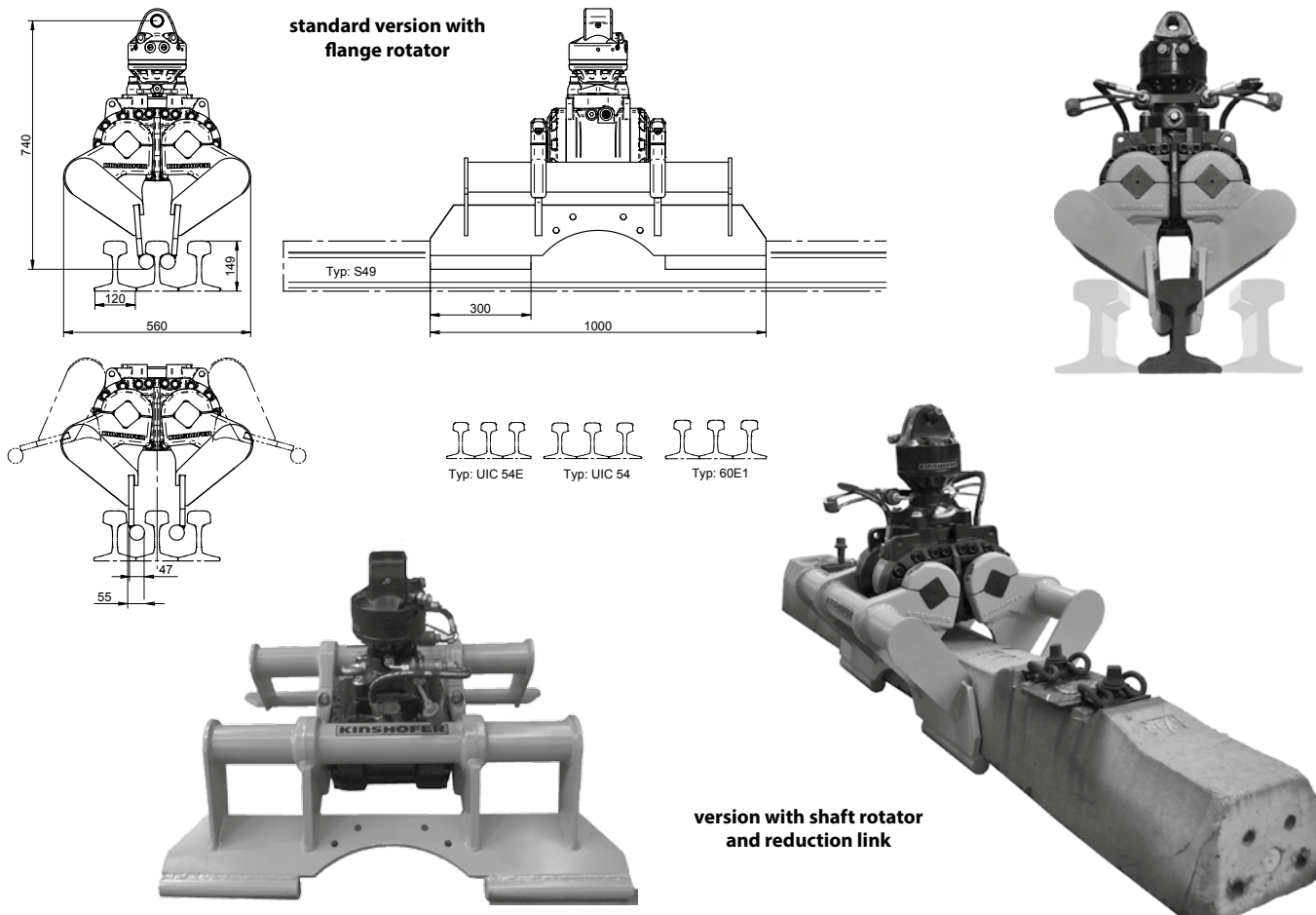
### Accessoires

Type	Description
<b>KM 204 01</b>	mobile part of hydraulic quick coupling for hose (Ø 10 mm, 2 pieces)
<b>KM 204 03</b>	hydraulic quick change kit incl. mobile and fixed parts (2 pieces each) mounted with adapters to rotator

### Requirements of Loader Crane

**Operating pressure:** 26 MPa (260 bar) / 3744 psi  
**Pump capacity:** 25 - 75 l/min / 6.61 - 19.82 GPM

### Technical Drawings



version with shaft rotator and reduction link