

The rail grapple KM 632HPX-E 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 virtually maintenance free attachment.

- ▷ **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.
- ▷ **Precise positioning** thanks to the mounted 360° rotator.
- ▷ **Constant closing force** (34 kN / 7480 lbf at 26 MPa / 3744 psi operating pressure) during the entire opening and closing process.



Rail Grapple KM 632HPX-E Rail with 15t **KINSHOFER** Rotator

Type	Width (mm/in)	Height (mm/in)	Weight (kg/lbs)	Closing force (kN/lbf at 26 MPa/3744 psi)	Load capacity (kg/lbs)
KM 632HPX-E Rail	1000 / 39.4	820 / 32.3	385 / 847	34 / 7480	2000 / 4400

Package consists of: rail grapple, rotator KM 15 F273-273 incl. head plate (pin-Ø 60 mm / 2.76 in), non-return valve

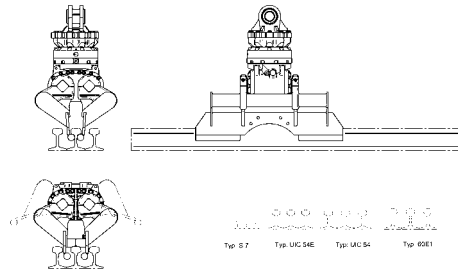
Rail Grapple KM 632HPX-E Rail with 15t **KINSHOFER** Rotator Version Atlas

Type	Width (mm/in)	Height (mm/in)	Weight (kg/lbs)	Closing force (kN/lbf at 26 MPa/3744 psi)	Load capacity (kg/lbs)
KM 632HPX-E Rail Atlas	1000 / 39.4	820 / 32.3	385 / 847	34 / 7480	2000 / 4400

Package consists of: rail grapple, rotator KM 15 F273-273 incl. head plate for Atlas T630, non-return valve

Accessories

Type	Description
KM 501 13t-25t	upper suspension without pendulum damper
KM 511 13t-25t	upper suspension with pendulum damper
T630 cardanic	upper suspension with pendulum damper "Atlas"





 Typ: S7 Typ: UC 54E Typ: UC 54 Typ: 00E1



here with 4t rotator for the use on loader cranes

Atlas head plate for T630

KINSHOFER Rotator

Direct connection to HPXdrive, no short hoses. Continuous rotation. Overload protection is ensured by pressure relief valves.

Type	Upper connection (borings / Ø-hole pattern) (mm/in)	Torque (Nm/ft.lbs)	Moment of deflection (Nm/ft.lbs)
KM 15 F273/273	10 x M16 / Ø 273/10.8	2000 / 1475	50000 / 36875

Requirements of Excavator

Operating pressure
26 MPa (260 bar) / 3744 psi

Recommended oil flow
50 - max. 75 l/min / 13.2 - max. 19.8 GPM