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.



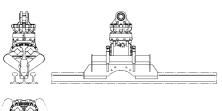
Rail Grapple KM 632HPX-E Rail with 15t KINSHOFER Rotator								
Туре	Width	Height	Weight	Closing force	Load capacity			
	(mm/in)	(mm/in)	(kg/lbs)	(kN/lbf at 26 MPa/3744 psi)	(kg/lbs)			
KM 632HPX-E Rail	1000 / 39.4	820 / 32.3	385 / 847	34 / 7480	2000 / 4400			

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							
Туре	Width	Height	Weight	Closing force	Load capacity		
	(mm/in)	(mm/in)	(kg/lbs)	(kN/lbf at 26 MPa/3744 psi)	(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					
Туре	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"				











Atlas head plate for T630

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

Туре	Upper connection	Torque	Moment of deflection		
	(borings / Ø-hole pattern) (mm/in)	(Nm/ft.lbs)	(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