KM 632-2-R Universal Railroad Grapple with Horizontal Cylinders

Designed to handle the various demands of the rail, the Universal Railroad Grapple with horizontal cylinders KM 632-2-R can be used for rail or ties.
This robust and versatile tool is optimal for use on loader cranes.

- The Universal Railroad Grapple is **ideal for handling used sleepers and rails – and even for clearing brush**.
- **Long service life** is ensured by the sturdy construction and high quality components.
- **Reduced wear** resulting from generously dimensioned bearing system.
- **Tine tips are vertical when the grapple is fully opened**, allowing easy loading and unloading of bundled ties - directly from gondola cars.
- **Gears are standard** and ensure synchronized movement of tines.
- **The tool is equipped with two horizontal hydraulic cylinders**, providing an extremely high clamping force.
- The **gear-type continuous rotator** allows precise positioning of the grapple.
- **Safety:** a special holding valve provides a safe grip – even if pressure drops.

Universal Railroad Grapple KM 632-2-R

Type	Capacity (litre / c.y.)	Width E (mm / in)	Opening A max. (mm / in)	Height C max. (mm / in)	Height C min. (mm / in)	Gripping range D min. (mm / in)	Self weight (kg / lbs)	Load capacity (kg / lbs)	Closing force (kN / lbf)
KM 632-2-R	250 / 0.33	600 / 23.62	1980 / 77.95	1430 / 56.30	1150 / 45.28	85 / 3.35	355 / 78100	3000 / 6600	14 / 3080

Package consists of: Universal Railroad Grapple, KINSHOFER rotator KM 04 F140-30US, short connecting hoses, upper suspension KM 501 4500, non-return valve

Accessories

Type	Description
KM 505 HD	quick change system set for KINSHOFER shaft rotators, incl. hydraulic couplings
KM 685 05	adapter for compression rails
KM 685 06 eye / hook set 2	welded eyes / welded hooks (2 pieces)
KM 685 central eye	welded eye (1 piece)

Requirements of Excavator

Operating pressure (ppen/close):	**max. 26 MPa (260 bar) / 3744 psi**
Pump capacity (ppen/close):	25 - 75 l/min / 6.61 - 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