

# Railroad Grapple with horizontal cylinders

KM 632-2-R

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.

- 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 c

Type	Capacity	Width	Opening	Height	Height	Gripping range	Self weight	Load capacity	Closing force
	(m <sup>2</sup> )	E (mm)	A max. (mm)	C max. (mm)	C min. (mm)	D min. (mm)	(kg)	(kg)	(kN)
KM 632-2-R c	0.50	600	1980	1430	1150	85	355	3000	14

**Package consists of:** universal railroad grapple, KINSHOFER rotator KM 04 F140-30US, short connecting hoses, upper suspension KM 501 (4500), non-return valve, central welded eye

## Accessories

Type	Description
KM 505 HD	heavy duty quick change system set for shaft rotators, incl. hydraulic couplings
KM 685 06 eye / hook set 2	welded eyes / welded hooks (2 pieces)
KM 206	hose guard

## Requirements of truck crane

<b>Operating pressure (open/close):</b>	<b>max. 26 MPa (260 bar)</b>
<b>Recommended oil flow (open/close):</b>	25 - max. 75 l/min
<b>Operating pressure (rotation):</b>	<b>max. 32 MPa (320 bar)</b>
<b>Recommended oil flow (rotation):</b>	15 - max. 50 l/min

## Technical drawings

