

# 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 (m <sup>2</sup> )	Width	Opening		Height		Gripping range D min. (mm)	Self weight (kg)	Load capacity (kg)	Closing force (kN)
		E (mm)	A max. (mm)	C max. (mm)	C min. (mm)					
<b>KM 632-2-R c</b>	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
<b>KM 505 HD</b>	heavy duty quick change system set for shaft rotators, incl. hydraulic couplings
<b>KM 685 06 eye / hook set 2</b>	welded eyes / welded hooks (2 pieces)
<b>KM 206</b>	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

