

# Universal Railroad Grapple with Vertical Cylinders

KM 632Rc

Designed to handle the various demands of the rail, the Universal Railroad Grapple with vertical cylinders KM 632Rc can be used for rails and railroad ties / sleepers – and even for clearing brush. This robust and versatile tool is optimal for use on loader cranes.

- The Universal Railroad Grapple is **ideal for handling used sleepers or rails – single or bundled.**
- **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.
- **Exchangeable gears are standard** and ensure synchronized movement of tines.
- **Each arm is equipped with a heavy duty hydraulic cylinder**, 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 632Rc

Type	Capacity (litre / c.y.)	Width (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)
<b>KM 632R-0.25 c</b>	350 / 0.46	600 / 23.62	1750 / 68.90	1370 / 53.94	1070 / 42.13	76 / 2.99	440 / 968	3000 / 6600	22.50 / 4950
<b>KM 632R-0.33 c</b>	500 / 0.65	600 / 23.62	1980 / 77.95	1500 / 59.05	1195 / 47.05	76 / 2.99	465 / 1023	3000 / 6600	19.40 / 4268
<b>KM 632R-0.50 c</b>	750 / 0.98	600 / 23.62	2440 / 88.19	1700 / 66.93	1270 / 50.00	76 / 2.99	600 / 1320	3000 / 6600	15.30 / 3366

**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
<b>KM 505 HD</b>	quick change system set for <b>KINSHOFER</b> shaft rotators, incl. hydraulic couplings
<b>KM 685 06 eye / hook set 2</b>	welded eyes / welded hooks (2 pieces)

## Requirements of Loader Crane

<b>Operating pressure (open/close):</b>	<b>max. 26 MPa (260 bar) / 3744 psi</b>
<b>Pump capacity (open/close):</b>	25 - 75 l/min / 6.61 - 19.82 GPM
<b>Operating pressure (rotation):</b>	<b>max. 32 MPa (320 bar) / 4608 psi</b>
<b>Pump capacity (rotation):</b>	15 - 50 l/min / 3.96 - 13.21 GPM

## Technical Drawings

