## **Universal Railroad Grapple with Vertical Cylinders**

## KM 632Rc

Designed to handle the various demands of the rail, the Universal Railroad Grapple with verical 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.

Description

## Universal Railroad Grapple KM 632Rc

Туре	Capacity	Width	Opening A max.	Height C max.	Height C min.	Gripping range D min.	Self weight	Load capacity	Closing force
	(litre / c.y. )	(mm / in)	(mm / in)	(mm / in)	(mm / in)	(mm / in)	(kg /lbs)	(kg /lbs)	(kN / lbf)
KM 632R-0.25 c	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
KM 632R-0.33 c	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
KM 632R-0.50 c	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

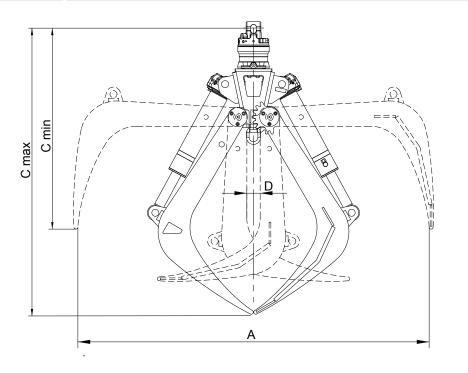
Type KM 505 HD KM 685 06 eye / hook set 2

quick change system set for **KINSHOFER** shaft rotators, incl. hydraulic couplings welded eyes / welded hooks (2 pieces)

Requirements of Loader Crane Operating pressure (open/close): Pump capacity (open/close): Operating pressure (rotation): Pump capacity (rotation):

max. 26 MPa (260 bar) / 3744 psi 25 - 75 l/min / 6.61 - 19.82 GPM max. 32 MPa (320 bar) / 4608 psi 15 - 50 l/min / 3.96 - 13.21 GPM

**Technical Drawings** 





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