

Designed to handle the various demands of the rail, the Universal Railroad Grapple with vertical cylinders KM 632R c can be used for rails and railroad ties / sleepers – and even for clearing brush.

- 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.
- **Central lifting eye** included with 3000 kg load capacity.



## Universal railroad grapple KM 632R c

Type	Capacity	Width	Opening	Height	Height	Gripping range	Self weight	Load capacity	Closing force
	(m <sup>2</sup> )	(mm)	A max. (mm)	C max. (mm)	C min. (mm)	D min. (mm)	(kg)	(kg)	(kN)
KM 632R-0,25 c	0.35	600	1750	1370	1070	76	440	3000	22.50
KM 632R-0,33 c	0.50	600	1980	1500	1195	76	465	3000	19.40
KM 632R-0,50 c	0.75	600	2440	1700	1270	76	600	3000	15.30
Package consists of: universal railroad grapple, KINSHOFER rotator KM 04 F140-30US, short connecting hoses, upper suspension KM 501 (4500), non-return valve, central lifting eye									

## Accessories

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

## Requirements of truck crane

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

## Technical drawings

