

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 2000 kg load capacity.



Universal railroad grapple KM 632R c

Type	Capacity	Width	Opening		Height		Gripping range	Self weight	Load capacity	Closing force
			A max.	C max.	C min.	D min.				
KM 632R-0,25 c	0.35 (m ²)	600 (mm)	1750 (mm)	1370 (mm)	1070 (mm)	76 (mm)	440 (kg)	3000 (kg)	22.50 (kN)	
KM 632R-0,33 c	0.50 (m ²)	600 (mm)	1980 (mm)	1500 (mm)	1195 (mm)	76 (mm)	465 (kg)	3000 (kg)	19.40 (kN)	
KM 632R-0,50 c	0.75 (m ²)	600 (mm)	2440 (mm)	1700 (mm)	1270 (mm)	76 (mm)	600 (kg)	3000 (kg)	15.30 (kN)	

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

