

Universal Railroad Grapple with Vertical Cylinders

KM 632R

Designed to handle the various demands of the rail, the Universal Railroad Grapple with vertical cylinders KM 632R 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.
- ▷ **Central lifting eye** included with 2000 kg / 4400 lbs load capacity.

Universal Railroad Grapple KM 632R

Type	Capacity (cord / sq ft)	Width E (in)	Opening A max. (in)	Height C max. (in)	Height C min. (in)	Gripping range D (in)	Self weight (lbs)	Load capacity (lbs)	Closing force (lbf)
KM 632R-0.25 c	1/4 / 3 3/4	24	69	54	42	3	968	6600	4950
KM 632R-0.33 c	1/3 / 5 1/2	24	78	59	47	3	1023	6600	4270
KM 632R-0.50 c	1/2 / 8	24	96	67	50	3	1320	6600	3370

Package consists of: universal railroad grapple, KINSHOFER rotator KM 06 F140-40, short connecting hoses, upper suspension KM 501 6000, 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)
KM 511 6000	upper suspension including pendulum damper

Requirements of Truck Crane

Operating pressure (open/close):	max. 3750 psi
Recommended oil flow (open/close):	6.5- max. 20 GPM
Operating pressure (rotation):	max. 4600 psi
Recommended oil flow (rotation):	4 - max. 13 GPM

Technical Drawings

