

# Logging Grapple

# KM 634

The KM 634 is a robust and powerful tool for logs – especially for heavy duty operation. Well suited for handling single trunks.

- **Low height** with one horizontal hydraulic cylinder – especially when closed due to the interlocking arms.
- **Long service life** is ensured by the sturdy construction, high quality components and generously dimensioned bearing system. All bearing bolts are case hardened and housed in steel bearing bushes.
- **Optimised design** allows extremely small grapple diameter – ideal for handling thin timber securely. The arms open almost vertically. That enables an easy penetration into the timber stack.
- **Synchronisation** of arms due to sturdy compensation rods.
- **Protection of the hoses** for the hydraulic connections by a hose guard on the **KINSHOFER** rotator.
- **Precise positioning** of the loads is no problem in combination with the **KINSHOFER** rotator – continuous rotation, precise start and stop ability.
- **Safety** is assured in the event of an unexpected pressure drop due to the integrated non-return valve.
- **The reinforced logging grapple KM 634S** has an even more sturdy construction and is equipped with a stronger rotator.
- **Efficient handling** with high closing forces (13 to 16 kN at an operating pressure of 24 MPa).



## Package Logging Grapple KM 634 c

Type	Capacity (m <sup>2</sup> )	Width B (mm)	min. Log-Ø D2 (mm)	max. Opening A (mm)	Self weight (kg)	Closing force (kN)	Load capacity (kg)
KM 634-0,25 c	0,25	420	90	1470	215	13	4000
KM 634-0,35 c	0,35	500	135	1950	300	16	5000

**Package consists of:** logging grapple, rotator with hose guard (for KM 634-0,25: KM 06 F173-35, for KM 634-0,35: KM 10 F173-35), short connecting hoses KM 203 01, upper suspension KM 501 (for KM 634-0,25: KM 501 6000, for KM 634-0,35: KM 501 10000), non-return valve

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KM 634-0,25	0,25	420	90	1470	170	13	4000
KM 634-0,35	0,35	500	135	1950	225	16	5000
KM 634-0,50	0,50	500	170	1985	250	15	5000

## Logging Grapple KM 634S – Reinforced Version of KM 634

Type	Capacity (m <sup>2</sup> )	Width B (mm)	min. Log-Ø D2 (mm)	max. Opening A (mm)	Self weight (kg)	Closing force (kN)	Load capacity (kg)
KM 634S-0,40	0,40	510	135	1950	270	16	6000
KM 634S-0,50	0,50	510	170	1985	275	16	7000
KM 634S-0,70	0,70	590	110	2570	530	15	8000

## Accessories

Type	Description
KM 06 F173-35	recommended <b>KINSHOFER</b> rotator for KM 634-0,25
KM 10 F173-35/1	recommended <b>KINSHOFER</b> rotator for KM 634-0,35
KM 10 F173-45/52	recommended <b>KINSHOFER</b> rotator for KM 634S

## Requirements of Truck Crane

**Operating pressure KM 634:** max. 24 MPa (240 bar)  
**Pump capacity:** 25 - 75 l/min

## Technical Drawings



**Mind the pressure!**

