T40VHD — Timber Grab 25 - 40t / *55000-88000lbs*

Timber grab for mobile excavators and static excavators from 25t/ 55000lbs to 40t/88000lbs operating weight.

- **Long life** is ensured due to the use of 400HB steel in the manufacture of cutting edges.
- **Reduced wear** resulting from generously dimensioned bearing system.
- **Robust rotation** integrated in the center part, with hose guard.
- Optimal plunge into the log pile thanks to the **large opening**.
- Cylinder with **counter-balance valve** and end position damping.
- **High closing forces** of up to 45kN/9900lbs at an operating pressure of 35MPa/5075psi, varies depending on width.

Timber Grab T40VHD

Type	Opening A (mm/in)	Height C max. (mm/in)	Log-Ø F min. (mm/in)	Log-Ø D max. (mm/in)	Width E (mm/in)	Volume (m^2/ft^2)	Weight (kg/lbs)	Load capacity (kg/lbs)	Closing force (kN/lbf)
T40VHD-1,00	2590 / 102.0	2530 / 99.6	90 / 3.5	1100 / 43.3	810 / 31.9	1,00 / 10.8	1500 / 3300	6000 / 13200	45 / 9900
T40VHD-1,25	2780 / 109.4	2620 / 103.1	90 / 3.5	1200 /47.2	810 / 31.9	1,25 / 13.5	1550 / 3410	6000 / 13200	42 / 9240
T40VHD-1,50	3130 / 123.2	2795 / 110.0	90 / 3.5	1400 / 55.1	810 / 31.9	1,50 / 16.2	1580 / 3476	6000 / 13200	37 / 8140
T40VHD-1,75	3380 / 133.1	2930 / 115.4	100 / 3.9	1500 / 59.1	810 / 31.9	1,75 / 18.8	1590 / 3498	6000 / 13200	34 / 7480
T40VHD-2,00	3650 / 143.7	3080 / 121.3	100 / 3.9	1575 / 62.0	810 / 31.9	2,00 / 21.5	1690 / 3718	6000 / 13200	31 / 6820

Package consists of: timber grab, KINSHOFER rotation with sturdy slewing ring and hose guard, non-return valve

Accessories

Type	Description
KM 501 RD50	upper suspension without pendulum damper
KSW21/25 cardanic	adapter for system L-Lock KMS21/25L / KHS21/25L incl. cardan link excl. pendulum damper
	adapters for quick change systems from other manufacturers or different sizes on request

Requirements of carrier machine

Operating pressure (open/close):	**max. 35 MPa (350 bar) / 5070psi**
Pump capacity (open/close):	120 - 200 l/min / 32 - 53GPM
Operating pressure (rotate):	**max. 14 MPa (140 bar) / 2030psi**
Pump capacity (rotate):	25 - 60 l/min / 6.5 - 16GPM

Technical drawing