

T80VHD

• NEW •

Timber Grab

Timber grab for mobile excavators from 40t / 88000 lbs to 80t / 176000 lbs and for static excavators from 80t / 88000 lbs to 100t / 220000 lbs operating weight.

- Long life is ensured due to the use of 400 HB 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; precise positioning due to the integrated rotation.
- Cylinder with end position damping.
- High closing forces of up to 65 kN / 14300 lbf at an operating pressure of 35 MPa / 5040 psi.



Timber Grab T80VHD								
Type	Width E (mm/in)	Opening A (mm/in)	Height C max. (mm/in)	Log Ø D max. (mm/in)	Volume (m ³ /cords)	Weight (kg/lbs)	Load capacity (kg/lbs)	Closing force (kN/lbf)
T80VHD-1,25	820 /	2820 /	2930 /	1200 /	1.25 /	2060 /	15000 /	65 /
	32.28	111.02	115.35	47.24	0.83	4532	33000	14300
T80VHD-1,50	820 /	3200 /	3130 /	1400 /	1.50 /	2120 /	15000 /	59 /
	32.28	125.98	123.23	55.12	1.00	4664	33000	12980
T80VHD-1,75	820 /	3360 /	3210 /	1475 /	1.75 /	2210 /	15000 /	58 /
	32.28	132.28	126.38	58.07	1.17	4862	33000	12760
T80VHD-2,00	820 /	3300 /	3330 /	1600 /	2.00 /	2320 /	15000 /	54 /
	32.28	129.92	131.10	62.99	1.33	5104	33000	11880
T80VHD-2,50	820 /	3490 /	3510 /	1780 /	2.50 /	2450 /	15000 /	50 /
	32.28	137.40	138.19	70.08	1.67	5390	33000	11000
T80VHD-3,00	820 /	3780 /	3700 /	1950 /	3.00 /	2740 /	15000 /	47 /
	32.28	148.82	145.67	76.77	2.00	6028	33000	10340

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

Accessories

Type	Description
KM 501 RD120	upper suspension without pendulum damper
KM 511 RD120	upper suspension with pendulum damper

Requirements of Excavator

Operating pressure (open/close):	max. 35 MPa (350 bar) / 5040 psi
Recommended oil flow (open/close):	120 - max. 200 l/min / 31.70 - max. 52.84 GPM
Operating pressure (rotation):	max. 14 MPa (140 bar) / 2016 psi
Recommended oil flow (rotation):	max. 25 - 60 l/min / max. 6.61 - 15.85 GPM

Technical Drawings

