

Timber grabs for mobile excavators and static excavators from 13t / 28,600lbs to 20t / 44,000lbs operating weight.

- ▷ **Long life** is ensured due to the use of 500HB steel in the manufacture of cutting edges.
- ▷ **Reduced wear** resulting from generously dimensioned bearing system.
- ▷ **Rotator integrated** in the gripping arm carrier
- ▷ **Excellent closing characteristics.**
- ▷ **360° endless rotation** mounted directly without short hoses.
- ▷ **Hydraulically cushioned cylinders.**



### Timber Grab T20V

Type	Width E (mm/in)	Opening A (mm/in)	Height C max. (mm/in)	Log-Ø D min. (mm in)	Volume (m <sup>3</sup> / ft <sup>3</sup> )	Weight (kg/lbs)	Load capacity (kg/lbs)	Closing force (kN/lbf)
<b>T20V-0,60</b>	490 / 19.3	1,970 / 77.6	2,110 / 83.1	100 / 3.9	0.60 / 6.5	610 / 1,342	4,500 / 9,900	25 / 5,500
<b>T20V-0,80</b>	490 / 19.3	2,180 / 85.8	2,255 / 88.8	120 / 4.7	0.80 / 8.6	635 / 1,397	4,500 / 9,900	22 / 4,840
<b>T20V-1,00</b>	490 / 19.3	2,350 / 92.5	2,370 / 93.3	140 / 5.5	1.00 / 10.8	660 / 1,452	4,500 / 9,900	20 / 4,400
<b>T20V-1,25</b>	490 / 19.3	2,500 / 98.4	2,500 / 98.4	160 / 6.3	1.25 / 14.5	685 / 1,507	4,500 / 9,900	19 / 4,180

Package consists of: timber grab, **KINSHOFER** rotator, non-return valve and hose guard

### KINSHOFER Rotator

Continuous rotation and two oil passages. Overload protection is ensured by pressure relief valves.

Type	Upper connection (width x pin-Ø) (mm/in)	Torque (Nm/ft.lbs)	Bending moment max. (Nm/ft.lbs)
<b>KM 10 F275-60</b>	125 x 60 / 4.9 x 2.36	2,000 / 10,325	14,000 / 10,325

### Accessories

Type	Description
<b>KM 501 13t-25t</b>	upper suspension without pendulum damper
<b>KM 511 13t-25t</b>	upper suspension with pendulum damper
<b>KM 510 13t-25t</b>	single pendulum damper
<b>KSW10 cardanic</b>	adapter for system L-Lock KMS10L/KHS10L incl. cardan link excl. pendulum damper – up to 19t/41,8000lbs adapters for quick change systems from other manufacturers or different sizes on request

### Requirements of carrier machine

<b>Operating pressure (open/close):</b>	<b>max. 35 MPa (350 bar) / 5,070 psi</b>
<b>Pump capacity (open/close):</b>	75 - max. 150 l/min / 20 - max. 40 GPM
<b>Operating pressure (rotate):</b>	<b>max. 32 MPa (320 bar) / 4,640 psi</b>
<b>Pump capacity (rotate):</b>	20 - max. 50 l/min / 5 - max. 13 GPM

### Technical drawing

