5-Finger Timber Grab 11-27t / *24,200-59,400lbs* D15H-T / D20H-T / D27H-T

The robust 5-finger timber grab combines the strength of the demolition and sorting grabs of the D-series with highly wear resistant timber grab tines. For excavators of up to 15t / 33,000lbs, 20t / 44,000lbs or 27t / 59,400lbs operating weight – ideal for forestry works, rolled lumber, special demolition tasks and pile foundations.

- Kinematics of tines avoids clamping of material - made of highly wear resistant material (500HB).
- **Branches with only 100mm / 3.9in** diameter can be gripped firmly.
- **Robust, fully integrated rotation** with two motors and sturdy slewing ring to withstand external forces. Hydraulic quick exchange systems are mountable directly. **Integrated pressure relief valve** against overcharge.
- **Exceptional closing forces** through two horizontally positioned hydraulic cylinders that are protected by the bucket carrier.
- **Cylinders are hydraulically cushioned.**

D20H-T

Request? scs@kinshofer.com

Timber Grab D15H-T / D20H-T / D27H-T

Type	Width E (mm/in)	Opening A (mm/in)	Log-Ø D min. (mm/in)	Log-Ø D max. (mm/in)	Height C max. (mm/in)	Weight (kg/lbs)	Load capacity (kg/lbs)	Torque (Nm/ft.lbs)	Operating weight (t/lbs)
D15H-T	740 / 29.1	740 / 29.1	100 / 3.9	500 / 19.7	1,040 / 40.9	690 / 1518	3,000 / 6,600	5,700 / 5,204	11 - 15 / 24,200 - 33,000
D20H-T	825 / 32.5	825 / 32.5	100 / 3.9	580 / 22.8	1,350 / 53.1	1,045 / 2,299	4,000 / 8,800	5,700 / 5,204	14 - 20 / 30,800 - 44,000
D27H-T	1,000 / 39.4	1,000 / 39.4	125 / 4.9	700 / 27.6	1,655 / 65.2	1,665 / 3,663	6,000 / 13,200	5,700 / 5,204	18 - 27 / 39,600 - 59,400

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

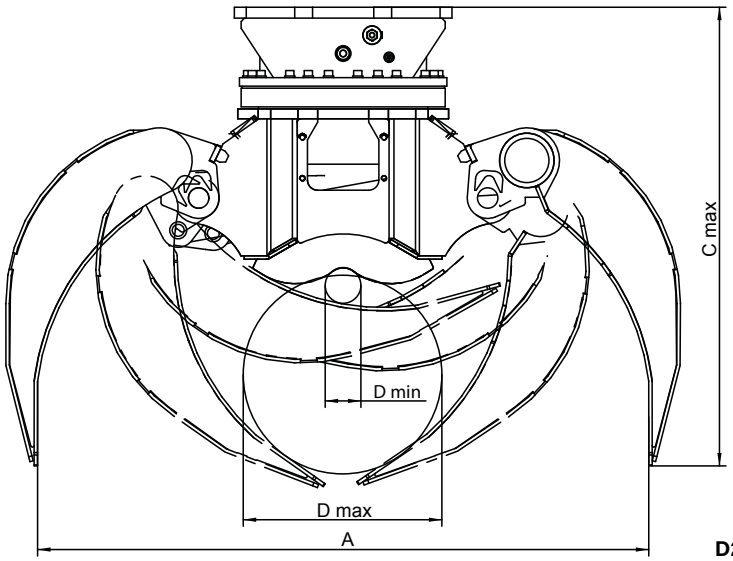
Accessories

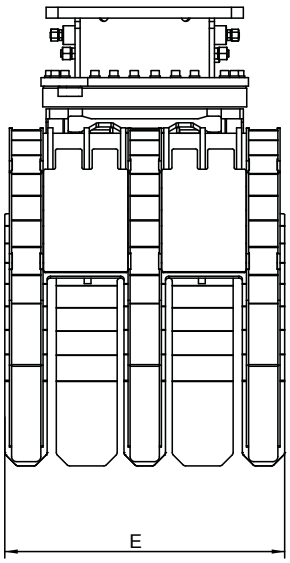
Type	Description
KM 690 15t	adapter for rigid mounting – up to 15t/33,000lbs
KM 690 20t	adapter for rigid mounting – up to 20t/44,000lbs
KM 690 27t	adapter for rigid mounting – up to 27t/59,400lbs
OQ	bolt-on-adapter for Oilquick OQ – 5t to 70t/11000lbs to 15,4000lbs
KSW10 rigid	bolt-on-adapter for system L-Lock KMS10L/KHS10L – up to 19t/41,800lbs
KSW21/25 rigid	bolt-on-adapter for system L-Lock KMS21/25L / KHS21/25L – up to 40t/88,000lbs
	adapters for quick change systems from other manufacturers or different sizes available on request

Requirements of carrier machine

	D15H-T	D20H-T	D27H-T
Operating pressure (open/close):	**32 MPa (320 bar) / 4,640 psi**	**32 MPa (320 bar) / 4,640 psi**	**35 MPa (350 bar) / 5,070 psi**
Pump capacity (open/close):	75 - max. 150 l/min/ 20 - max. 40 GPM	75 - max. 150 l/min/ 20 - max. 40 GPM	75 - max. 150 l/min/ 20 - max. 40 GPM
Hydraulic connection (open/close):	G 3/4" / G 1/2"	G 3/4" / G 1/2"	G 1" / G 1/2"
Operating pressure (rotate):	**17 Mpa (170 bar) / 2,460 psi**	**17 Mpa (170 bar) / 2,460 psi**	**17 Mpa (170 bar) / 2,460 psi**
Pump capacity (rotate):	25 - max. 60 l/min/ 6.5 - max. 16 GPM	25 - max. 60 l/min/ 6.5 - max. 16 GPM	25 - max. 60 l/min/ 6.5 - max. 16 GPM

Technical drawing





D20H-T

We reserve the right to amend specifications without prior notice. KINSHOFER GmbH, 83607 Holzkirchen, Germany