

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/33000lbs, 20t/ 44000lbs or 27t/59400lbs 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

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)	Closing force (kN/lbf)	Torque (Nm/ft.lbs)	Operating weight (t/lbs)
D15H-T	740/ 29.1	740/ 29.1	100/ 3.9	500/ 19.7	1040/ 40.9	690/ 1518	3000/ 6600	37/ 8140	5700/ 5203.8	11-15/ 24200-33000
D20H-T	825/ 32.5	825/ 32.5	100/ 3.9	580/ 22.8	1350/ 53.1	1045/ 2299	4000/ 8800	42/ 9240	5700/ 5203.8	14-20/ 30800-44000
D27H-T	1000/ 39.4	1000/ 39.4	125/ 4.9	700/ 27.6	1655/ 65.2	1665/ 3663	6000/ 13200	59/ 12980	5700/ 5203.8	18-27/ 39600-59400

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

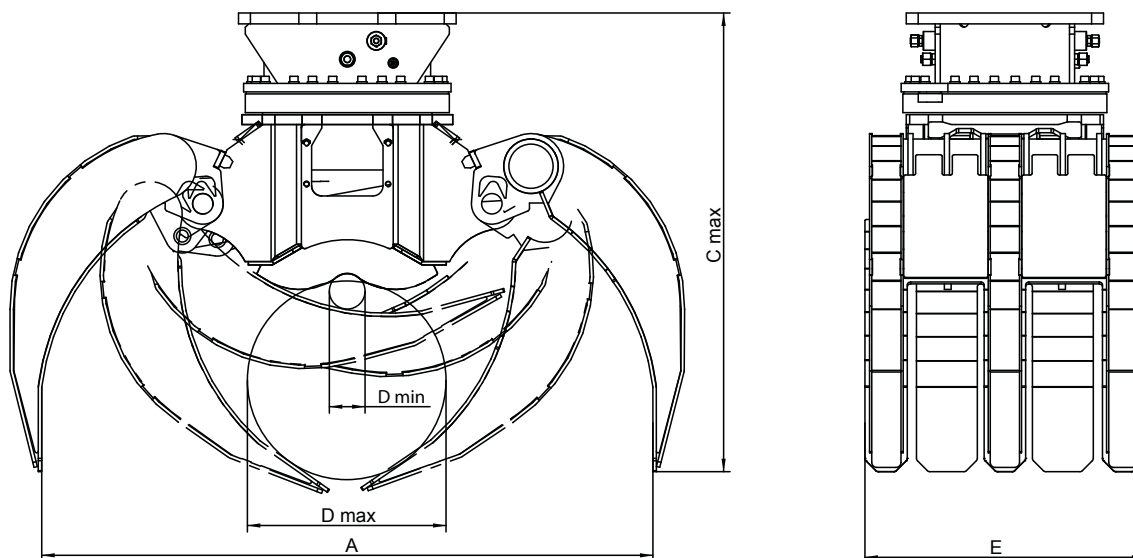
Accessories

Type	Description
KM 690 15t	adapter for rigid mounting - up to 15t/33000lbs
KM 690 20t	adapter for rigid mounting - up to 20t/44000lbs
KM 690 27t	adapter for rigid mounting - up to 27t/59400lbs
OQ	bolt-on-adapter for Oilquick OQ - 5t to 70t/11000lbs to 154000lbs
KSW10 rigid	bolt-on-adapter for system L-Lock KMS10L/KHS10L - up to 19t/41800lbs
KSW21/25 rigid	bolt-on-adapter for system L-Lock KMS21/25L / KHS21/25L - up to 40t/88000lbs
	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) / 4640psi	32 MPa (320 bar) / 4640psi	35 MPa (350 bar) / 5070psi
Pump capacity (open/close):	75 - max. 150 l/min/ 20 - max. 40GPM	75 - max. 150 l/min/ 20 - max. 40GPM	75 - max. 150 l/min/ 20 - max. 40GPM
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) / 2460psi	17 Mpa (170 bar) / 2460psi	17 Mpa (170 bar) / 2460psi
Pump capacity (rotate):	25 - max. 60 l/min/ 6.5 - max. 16GPM	25 - max. 60 l/min/ 6.5 - max. 16GPM	25 - max. 60 l/min/ 6.5 - max. 16GPM

Technical drawing



D20H-T