

Robust multi-purpose grab with perforated shells, for excavators up to 50t/110000lbs operating weight, the HD D-Series grabs are ideal for demolition and sorting of all kinds of building materials.

- ▷ **Robust Delta-box frame with dust-proof axle bearing points.** Perforated shells let fine dust and gravel through without large pieces getting caught
- ▷ **Durable and reversible cutting edges** can be used to pick up different materials, with their tips. Cutting edges on D19 series and higher can be turned three ways, reducing replacement costs.
- ▷ **Robust, fully integrated rotator** with sturdy slewing ring to withstand external forces, with pressure relief valve to ensure overload protection, and connecting hoses protected inside the hub.
- ▷ **Exceptional closing forces** achieved with a horizontally positioned hydraulic cylinder that is protected by the bucket carrier.
- ▷ **Cylinder is hydraulically cushioned.**



D24H-P-100HD

Heavy Duty Demolition and Sorting Grab D15H-P-75HD to D40H-P125HD

Type	Width E (mm/in)	Opening A (mm/in)	Height C max. (mm/in)	Volume (liter/c.y.)	Weight (kg/lbs)	Load capacity (kg/lbs)	Closing force (kN/lbf)	Torque (Nm/ft.lbs)	Operating weight (t/lbs)
D15H-P-75HD	750/ 29.5	1730/ 68.1	1220***/ 48.0	340/ 0.44	855***/ 1881	5000/ 11000	43/ 9460	3000/ 2212.5	10-18/ 22000-39600
D16H-P-90HD	900/ 35.4	1730/ 68.1	1220***/ 48.0	415/ 0.54	895***/ 1969	5500/ 12100	43/ 9460	3000/ 2212.5	12-20/ 26400-44000
D19H-P-85HD	850/ 33.5	1725/ 67.9	1225/ 48.2	365/ 0.48	1025/ 2255	6500/ 14300	50/ 11000	3000/5700*/ 2212.5/4203.8	12-24/ 26400-52800
D20H-P-100HD	1000/ 39.4	1865/ 73.4	1255/ 49.4	480/ 0.63	1115/ 2453	7000/ 15400	50/ 11000	3000/5700*/ 2212.5/4203.8	13-25/ 28600-55000
D24H-P-100HD	1000/ 39.4	1965/ 77.4	1340/ 52.8	570/ 0.75	1315/ 2893	8000/ 17600	56/ 12320	3000/5700*/ 2212.5/4203.8	15-30/ 33000-66000
D25H-P-100HD	1000/ 39.4	2050/ 80.7	1440***/ 56.7	650/ 0.85	1450***/ 3190	7000/ 15400	60/ 13200	5700**/ 4203.8	18-28/ 39600-61600
D27H-P-120HD	1200/ 47.2	2050/ 80.7	1440***/ 56.7	760/ 0.99	1495***/ 3289	8000/ 17600	60/ 13200	5700**/ 4203.8	20-30/ 44000-66000
D32H-P-110HD	1100/ 43.3	2195/ 86.4	1395/ 54.9	825/ 1.08	1790/ 3938	10500/ 23100	70/ 15400	7000**/ 5162.5	20-40/ 44000-88000
D40H-P-125HD	1250/ 49.2	2325/ 91.5	1480/ 58.3	960/ 1.26	2010/ 4422	13500/ 29700	80/ 17600	7000**/ 5162.5	30-50/ 66000-110000

Package consists of: demolition and sorting grab, integrated rotation with sturdy slewing ring, cutting edges and non-return valve

Optional second heavy duty motor for D19H-P HD, D20H-P HD, D24H-P HD

Note: *optional with 2 motors for rotation **second heavy duty hydraulic motor comes standard ***incl. CW4 (integrated)

Accessories

Type	Description
KM 690	adapter for rigid mounting – up to 70t/154000lbs
OQ	bolt-on-adapter for Oilquick – up to 70t/154000lbs available
KSW rigid	bolt-on-adapter for system L-Lock KMS-L/KHS-L – up to 40t/88000lbs adapters for quick change systems from other manufacturers or different sizes available on request

Requirements of carrier machine

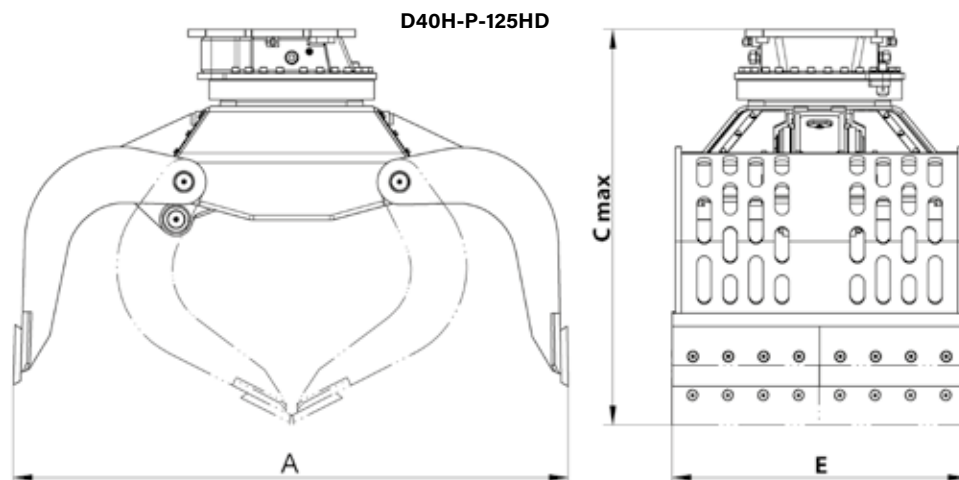
Operating pressure (open/close): D15 - D40: max. 35 MPa (350 bar) / 5070psi

Pump capacity (open/close): D15/D16: max.80 l/min / 21GPM; D19-D27: max.100 l/min / 26.5GPM; D32-D40: max.120 l/min/ 32Gpm

Operating pressure (rotate): D15 - D40: max. 14 Mpa (140 bar) / 2030psi

Pump capacity (rotate): D15 - D24: max. 40 l/min / 10.5GPM; D25 - D40: 40 - max. 60 l/min / 10.5 - max. 16GPM

Technical drawings



Robust multi-purpose grab with perforated shells, for excavators up to 80t/176000lbs operating weight, the HD D Series grabs are ideal for demolition and sorting of all kinds of building materials.

- ▷ **Robust Delta-box frame with dust-proof axle bearing points.** Perforated shells let fine dust and gravel through without large pieces getting caught.
- ▷ **Durable and reversible cutting edges** can be used to pick up different materials, with their tips. Cutting edges on D19 series and higher can be turned three ways, reducing replacement costs.
- ▷ **Robust, fully integrated rotator** with sturdy slewing ring to withstand external forces, with pressure relief valve to ensure overload protection, and connecting hoses protected inside the hub.
- ▷ **Exceptional closing forces** achieved with a horizontally positioned hydraulic cylinder that is protected by the bucket carrier.
- ▷ **Cylinder is hydraulically cushioned.**



D70H-P-150HD

Heavy Duty Demolition and Sorting Grabs

Type	Width E (mm/in)	Opening A (mm/in)	Height C max. (mm/in)	Volume (liter/c.y.)	Weight (kg/lbs.)	Load capacity (kg/lbs)	Closing force (kN/lbf)	Torque (Nm/ft.lbs)	Operating weight (t/lbs)
D40H-P-125HD	1250/49.2	2325/91.5	1480/58.3	960/1.26	2010/4422	13500/29700	80/17600	7000/5162.5	30-50 / 66000-110000
D50H-P-140HD	1400/55.1	2325/91.5	1495/58.9	1075/1.41	2390/5258	16500/36300	80/17600	7000/5162.5	35-60 / 77000-132000
D70H-P-150HD	1500/59.1	2700/106.3	1820/71.7	1660/2.17	4165/9163	23500/51700	140/30800	9000/6637.5	50-80 / 110000-176000

Package consists of: demolition and sorting grab, integrated rotation with sturdy slewing ring, cutting edges and non-return valve

Accessories

Type	Description
KM 690	adapter for rigid mounting – up to 70t/154000lbs
OQ	bolt-on-adapter for Oilquick – up to 70t/154000lbs available
	adapters for quick change systems from other manufacturers or different sizes available on request

Requirements of carrier machine

Operating pressure (open/close):	max. 35 MPa (350 bar) / 5070psi
Pump capacity (open/close):	D40/D50: max. 120 l/min / 32.0GPM; D70: max. 200 l/min/ 53.0GPM
Operating pressure (rotate):	max. 14 Mpa (140 bar) / 2030psi
Pump capacity (rotate):	40 - max. 60 l/min / 10.5 - max. 16.0GPM

Technical drawings

