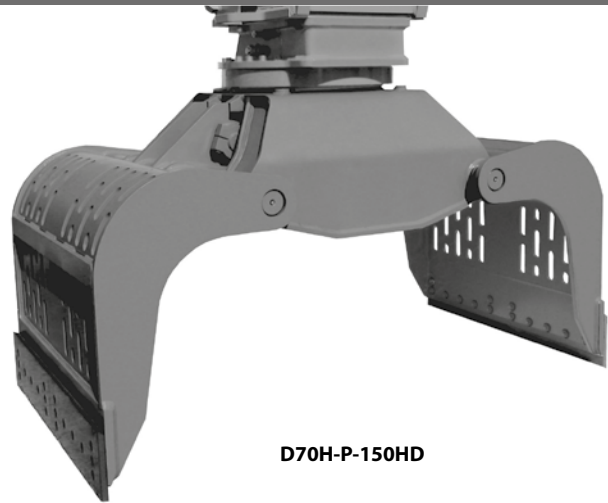


# Heavy Duty Demolition & Sorting Grabs

# D15H-P HD to D70H-P HD

**Robust multi-purpose grab with perforated shells, for excavators from 10t / 22000 lbs up to 80t / 176000 lbs 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, made of Cracox Plus 450 steel 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 with perforated shells D15H-P-75HD to D70H-P150HD

Type	Width E (mm/in)	Opening A (mm/in)	Height C (mm/in)	Volume (litre/c.y.)	Weight (kg/lbs)	Load (kg/lbs)	Closing force (kN/lbf)	Torque (Nm/ft.lbs)	Operating weight (t/lbs)
<b>D15H-P-75HD</b>	750 /	1730 /	1295 /	340 /	860 /	5000 /	43 / 9460	3000 /	10 - 18 /
	29.53	68.11	50.98	0.44	1892	11000		2215	22000-39600
<b>D16H-P-90HD</b>	900 /	1730 /	1295 /	415 /	900 /	5500 /	43 / 9460	3000 /	12 - 20 /
	35.43	68.11	50.98	0.54	1980	121000		2215	26400-44000
<b>D19H-P-85HD</b>	850 /	1755 /	1320 /	365 /	1030 /	6500 /	50 / 11000	3000/5700 /	12 - 24 /
	33.46	69.09	51.97	0.48	2266	14300		2215/4205*	26400-52800
<b>D20H-P-100HD</b>	1000 /	1895 /	1400 /	460 /	1120 /	7000 /	50 / 11000	3000/5700 /	13 - 25 /
	39.37	74.61	55.12	0.60	2464	15400		2215/4205*	28600-55000
<b>D24H-P-100HD</b>	1000 /	1990 /	1455 /	570 /	1315 /	8000 /	56 / 12320	3000/5700 /	15 - 30 /
	39.37	78.35	57.28	0.75	2893	17600		2215/4205*	33000-66000
<b>D25H-P-100HD</b>	1000 /	2050 /	1440 /	650 /	1450 /	7000 /	60 / 13200	5700 /	18 - 28 /
	39.37	80.71	56.29***	0.85	3190***	15400		4205**	39600 - 61600
<b>D27H-P-120HD</b>	1200 /	2050 /	1440 /	760 /	1495 /	8000 /	60 / 13200	5700 /	20 - 30 /
	47.24	80.71	56.29***	0.99	3289***	17600		4205**	44000 - 66000
<b>D32H-P-110HD</b>	1100 /	2195 /	1565 /	825 /	1820 /	10500 /	70 / 15400	7000 /	20 - 40 /
	43.34	86.42	61.61	1.08	4004	23100		5165**	44000-88000
<b>D40H-P-125HD</b>	1250 /	2355 /	1640 /	960 /	2210 /	13500 /	80 / 17600	7000 /	25 - 50 /
	49.21	92.72	64.57	1.26	4422	29700		5165**	55000 - 110000
<b>D50H-P-140HD</b>	1400 /	2355 /	1650 /	1075 /	2330 /	16500 /	80 / 17600	7000 /	35 - 60 /
	55.12	92.72	64.96	1.41	5126	36300		5165**	7700-132000
<b>D70H-P-150HD</b>	1500 /	2730 /	1930 /	1660 /	4000 /	23500 /	140 / 30800	9000 /	50 - 80 /
	59.05	107.38	75.98	2.17	8800	51700		6640**	110000-176000

**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

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

### Accessories

Type	Description
<b>KM 690</b>	different sized adapters for rigid mounting – for excavators up to 70t / 154000 lbs
<b>OQ</b>	bolt-on adapter for Oilquick OQ – 5t up to 70t / 11000 lbs up to 154000 lbs
<b>KSW rigid</b>	bolt-on-adapter for „System L-Lock“ KMS/KHS for rigid mounting – up to 40t / 88000 lbs adapters for quick change systems – from other manufacturers or different sizes available on request

### Requirements of Excavator

<b>Operating pressure (open/close):</b>	<b>D15 - D70: max. 35 MPa (350 bar) / 5040 psi</b>
<b>Recommended oil flow (open/close):</b>	D15 / D16: max. 80 l/min / max. 21.14 GPM; D19 - D27: max. 100 l/min / max. 26.42 GPM; D32 - D50: max. 120 l/min / max. 31.70 GPM; D70: max. 200 l/min / max. 52.84 GPM
<b>Operating pressure (rotation):</b>	<b>D15 - D70: max. 14 Mpa (140 bar) / 2016 psi</b>
<b>Recommended oil flow (rotation):</b>	D15 - D24: max. 40 l/min / max. 10.57 GPM; D25 - D70: 40 - max. 60 l/min / 10.57 - max. 15.85 GPM

### Technical Drawings

**D25H-P-HD**

**D32H-P-HD**

