

## Technical Data For Hydraulic Hammer

Project	Model	DE20	DE30	DE50	DE70	DE90	DE130	DE160	DE200	DE220	DE220A	DE300	DE400	
Total Weight	Top	kg	100	160	260	390	510	820	1320	1635	1754	1754	2450	2980
		lb	220	353	573	860	1124	1808	2910	3605	3867	3867	5401	6570
Top	Length	mm	1120	1240	1375	1720	2100	2250	2520	2690	2825	2825	3120	2980
		inch	44	49	54	68	83	89	99	106	111	111	123	117
	Total relief	mm	175	180	350	290	360	440	500	580	620	620	710	730
		inch	6.9	7.1	13.8	11.4	14.2	17.3	19.7	22.8	24.4	24.4	28	28.7
Operating Pressure	bar (kg/cm <sup>2</sup> )		90-120	90-120	90-130	110-140	130-150	150-170	150-170	160-180	160-180	160-180	160-180	160-180
	psi		1280-1707	1280-1707	1280-1849	1565-1992	1849-2133	2133-2418	2133-2418	2276-2560	2276-2560	2276-2560	2276-2560	2276-2560
Required Oil Flow	e/min		20-40	25-40	30-50	40-80	80-110	80-110	90-120	120-150	130-150	130-150	150-190	190-250
	gal/min		5.3-10.5	6.6-10.5	8.0-13.2	10.6-21	21-29	21-29	24-32	32-40	34-40	34-40	40-50.7	50.7-66
Impact Rate	BPM		700-1100	550-950	450-750	400-800	400-800	350-700	350-650	350-600	350-500	350-500	350-650	300-600
Hose Diameter	in		1/2	1/2	1/2	1/2	4/3	4/3	1	1	1	1	1 1/4	1 1/4
Rod Diameter	mm		45	53	68	75	85	100	125	135	140	140	150	160
	in		1.8	2.1	2.7	3	3.3	3.9	4.9	5.3	5.5	5.5	5.9	6.3
Applicable Carrier	ton		0.8-3	2.5-4.5	4.0-6.0	5.0 - 9.0	6.0-11.0	9.0-14.0	16-21	18-23	18-26	18-25	28-35	35-48