

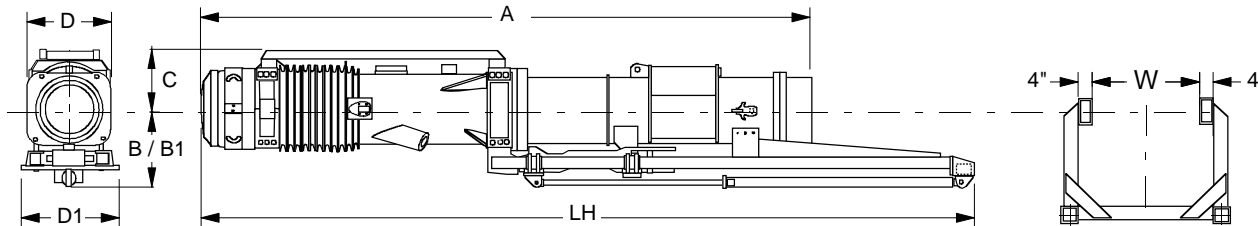


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PILECO DIESEL HAMMERS

Specifications – SI units



All data subject to change without notification

Model		D8-22	D12-42	D19-42	D25-32	D30-32	D36-32	D46-32	D62-22	D80-23	D100-13	D125-3	D160-32
App. piston weight	kg	800	1280	1820	2500	3000	3600	4600	6200	8000	10 000	12 500	16 000
Blows per min. ¹⁾													
Minimum	min ⁻¹	37	37	37	37	37	37	37	35	36	36	36	36
Maximum	min ⁻¹	52	52	52	52	52	52	52	50	45	45	45	46
Energy per blow ²⁾, adjustable													
Maximum	kNm	25,4	40,4	63,0	79,0	94,9	113,8	145,5	219,1	267,3	334,0	417,6	534,5
Minimum	kNm.	12,8	20,5	29,1	40,0	48,0	57,6	73,6	107,4	171,1	213,8	267,3	327,4
Consumption ³⁾													
Diesel fuel	l./hr.	3,8	4,5	7,6	8,0	10,0	11,5	16,0	20,0	25,0	30,0	36,0	45,0
Lubrication oil	l./hr.	0,5	0,5	0,6	1,0	1,0	1,5	1,5	2,0	2,6	2,6	3,6	5,0
Capacity													
Diesel fuel	l	20	24	75	67	67	89	89	98	155	155	189	238
Lubrication oil	l	6	6,5	19	19	19	17	17	31	32	32	60	80
Weight ³⁾													
Hammer	kg	1 815	2 600	3 795	5 610	6 110	7 880	8 880	12 282	16 907	20 364	24 320	31 200
Hammer with standard guiding	kg	2 426	3 220	4 400	6 710	7 210	9 026	10 025	13 290	18 690	22 135	-	-
Dimensions													
A – Length	mm	4 695	5 580	5610	5 425	5 425	5 580	5 580	6890	7 195	7345	7 772	7 864
LH – Length , standard	mm	5 790	5 850	5 850	6 490	6490	6 490	6 490	7 560	8 565	8 565	8 475	8 792
– Length with hydr. start	mm	-	-	-	6 860	6 860	6 860	6 860	7864	8 565	8 565	8 475	8 792
B – Center to trip	mm	330	356	356	445	445	482	482	508	660	660	775	856
B1 – Center to trip cylinder	mm	-	-	559	610	610	660	660	686	638	638	788	856
C – Center to pump guard	mm	381	381	406	482	482	521	521	648	584	584	572	622
D – Width of hammer	mm	420	482	495	635	635	724	724	825	890	890	1042	1156
D1 – Width of trip	mm	622	622	622	812	812	940	940	902	1206	1206	1206	1300
W – Min. lead width	mm	534	534	534	660	660	812	812	812	1067*	1067*	1220*	1220*

* please contact the factory

1) Depends on fuel pump setting, kind of soil and kind of pile

2) Potential energy calculated by multiplying piston weight and stroke. The approx. stroke of the ram is a result of the blow rate and does not consider any loss by compression or friction

3) Consumption and weights are approximate, weight of guiding depends on type and size