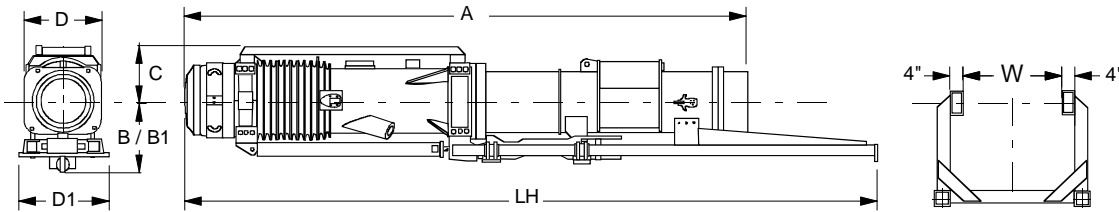




PILECO, INC.

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*PROVEN DESIGN OVER DECADES
 EFFICIENT * RELIABLE * CLEAN*

All Pileco Diesel Hammers can be used with alternate fuels like kerosene, JP-8, refined or estherized soybean oil

Model		D6-42 D8-42	D12-42	D19-42	D25-32 D30-32	D36-32 D46-32	D62-22	D80-23 D100-13	D125-32 D138-32	D160-32 D180-32
App. piston weight	kg	600 / 800	1280	1820	2500 / 3000	3600 / 4600	6200	8000 / 10000	12500 / 13800	16000 / 18000
Blows per min. ¹⁾										
Minimum	1/min	39 / 37	37	37	37	37	35	36	36	36
Maximum	1/min	52	52	52	52	52	50	45	45	46
Energy per blow ²⁾, adjustable										
Maximum	kNm	17.0	40.4	57.6	79.0	113.8	219.1	267.3	417.6	534.5
Minimum	kNm	9.6	20.3	29.1	40.0	57.6	107.4	171.1	267.3	327.4
		25.4			94.9	145.5		334.0	460.9	601.3
		12.8			48.0	73.6		213.8	295.0	368.3
Consumption ³⁾										
Diesel fuel	l./hr.	3.7 / 3.8	4.5	7.6	8.0 / 10.0	11.5 / 16.0	20.0	25.0 / 30.0	36.0 / 38.6	45.0 / 49.6
Lubrication oil	l./hr.	0.25 / 0.5	0.5	0.6	1.0 / 1.0	1.5 / 1.5	2.0	2.6 / 2.6	3.6 / 3.6	5.0 / 5.0
Capacity										
Diesel fuel	l	19 / 20	24	75	67	89	98	155	189	238
Lubrication oil	l	5 / 6	6.5	19	19	17	31	32	60	80
Weight ³⁾										
Hammer	kg	1620	2600	3795	5610	7880	12282	16907	24320	31200
Hammer, standard operating	kg	1815	3220	4400	6710	9026	13290	18690	27330	33800
		2426			7210	10025		22135	29030	37470
Dimensions										
A – Length	mm	4300 / 4695	5580	5610	5425	5580	6890	7195 / 7345	7772 / 7894	7864 / 8047
LH – Length, standard	mm	5790	5850	5850	6490	6490	7560	8565	8475	7864
– Length with hydr. start	mm	-	-	-	6860	6860	7864	8565	8475	7864
B – Center to trip	mm	330	356	356	445	482	508	660	775	856
B1 – Center to trip cylinder	mm	-	-	559	610	660	686	838	788	856
C – Center to pump guard	mm	381	381	406	482	521	648	584	572	622
D – Width of hammer	mm	465 / 420	482	495	635	724	825	890	1042	1156
D1 – Width of trip	mm	622	622	622	812	940	902	1206	1206	1300
W – Min. lead width	mm	534	534	534	660	812	812	1067*	1067*	1220*

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

2) Potential energy calculated by multiplying piston weight and stroke. The stroke of the ram is a result of the blow rate and does not consider any pile driving conditions, neither loss by compression or friction

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

Dimensions round up to half inch
 All data subject to change without notification