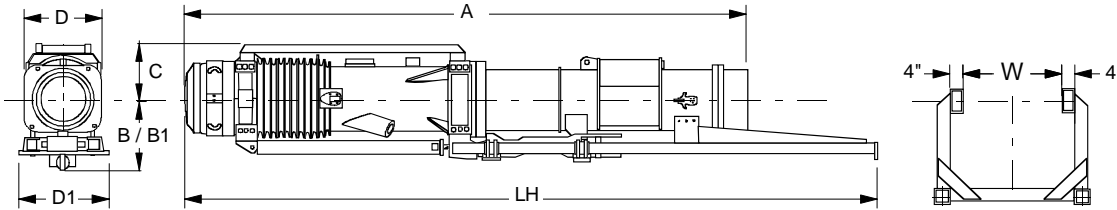




PILECO, INC.

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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	lbs.	1,320 / 1,770	2,820	4,015	5,515 / 6,615	7,940 / 10,145	13,670	17,640 / 22,045	27,560 / 30,420	35,275 / 39,680
Blows per min. ¹⁾										
Minimum	lb./min.	39 / 37	37	37	37	37	35	36	36	36
Maximum	lb./min.	52	52	52	52	52	50	45	45	46
Energy per blow ²⁾ , adjustable										
Maximum	ft.lbs.	12,570	29,840	42,480	58,300	83,950	161,640	197,150	308,025	394,250
	ft.lbs.	18,760			69,925	107,280		246,390	340,000	443,500
Minimum	ft.lbs.	7,090	15,000	21,510	29,510	42,500	79,200	126,180	197,135	241,470
		9,480			35,400	54,320		157,685	217,600	271,650
Consumption ³⁾										
Diesel fuel	gal./hr.	0.96 / 1.00	1.2	2.00	2.11 / 2.64	3.04 / 4.23	5.28	6.60 / 7.93	9.5 / 10.2	11.9 / 13.1
Lubrication oil	gal./hr.	0.06 / 0.13	0.13	0.16	0.26 / 0.26	0.39 / 0.39	0.53	0.68 / 0.68	0.95 / 0.95	1.32 / 1.32
Capacity										
Diesel fuel	gal.	4.9 / 5.3	6.3	20.0	17.7	23.5	25.8	40.9	50	63
Lubrication oil	gal.	1.3 / 1.6	1.7	5.0	5.0	4.5	8.3	8.4	15.8	21.1
Weight ³⁾										
Hammer	lbs.	3,570	5,730	8,365	12,370	17,375	27,077	37,275	53,616	68,785
	lbs.	4,000			13,472	19,580		44,894	57,360	75,700
Hammer, standard operating		4,920	7,100	9,700	14,800	19,900	29,300	41,200	60,250	74,500
		5,350			15,900	22,100		48,800	64,000	82,600
Dimensions										
A – Length	ft.	14.1 / 15.0	18.3	16.8	17.8	18.3	22.6	23.6 / 24.1	25.5 / 25.9	25.8 / 26.4
LH – Length, standard	ft.	18.0	19.2	19.2	21.3	21.3	24.8	28.1	27.8	25.8
– Length with hydr. start	ft.	-	19.2	19.2	22.5	22.5	25.8	28.1	27.8	25.8
B – Center to trip	inch	13.0	14.8	14.0	17.5	19.0	20.0	26.0	30.5	33.7
B1 – Center to trip cylinder	inch	-	19.5	22.0	24.0	26.0	27.0	33.0	31.0	33.7
C – Center to pump guard	inch	15.0	15.0	16.0	19.0	20.5	25.5	23.0	22.5	24.5
D – Width of hammer	Inch	18.3 / 16.5	19.0	19.5	25.0	28.5	32.5	35.0	41.0	45.5
D1 – Width of trip	inch	22.1 / 24.5	24.5	24.5	32.0	37.0	35.5	47.5	47.5	51.2
W – Min. lead width	inch	21	21	21	26	32	32	42*	42*	48*

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