

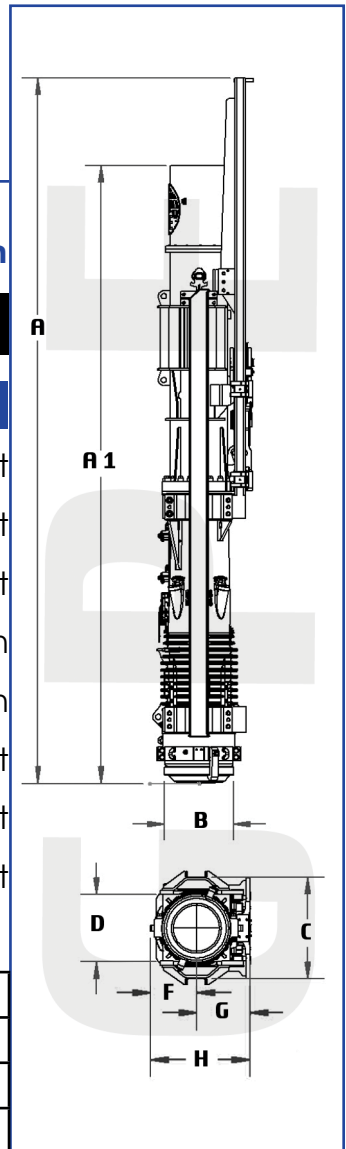


Specifications: D 100-13 Diesel Pile Hammer

Dimensions approx:

Hammer Length:	A1	7370 mm	24' 2" ft
Hammer Length w/starter guides:	A	8416 mm	27' 7" ft
Outer diameter of impact block:	B	820 mm	2' 8" ft
Min. Guiding Width:	C	1067 mm	42" in
Width of Hammer:	D	900 mm	35.4" in
Hammer Center to Pump Guard:	F	549 mm	1' 10" ft
Hammer Center to Trip:	G	634 mm	2' 1" ft
Hammer Depth:	H	1186 mm	3' 11" ft

Pump Setting 1	214.5 kNm	157,735 ft.lbs.
Pump Setting 2	258.7 kNm	190,210 ft.lbs.
Pump Setting 3	300.5 kNm	221,010 ft.lbs.
Pump Setting 4	334.5 kNm	246,006.47 ft.lbs.



Weights approx:

Weight of diesel pile hammer approx.:	21.484 US tons	42,968 lbs
Weight of piston approx.:	10,000 kg	22,046.2 lbs
Impact Block approx.:	2100 kg	4630 lbs
Tripping device approx.:	870 kg	1,918 lbs
Tool box approx.:	125 kg	275.6 lbs

Energy Per Blow

Max:	333.5 kNm	246,006.47 ft lbf
Min:	214.5 kNm	157,735 ft lbf
Number of blows:		36–45 min

Batter Info

Max. gradient of batter pile driven:	1:5/1:2
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Consumption

Diesel fuel:	30 L hr.	7.93 gph
Lubrication oil:	2.9 L hr.	0.76 gph

Volume

Diesel oil tank:	155 L	40.9 gal
Lube tank:	32 L	8.45 gal

