

Specifications: D 50-32 Diesel Pile Hammer

Dimensions approx:

Length of Hammer:	A1	5600 mm	18' 4" ft
Hammer length w/starter guides:	A	6400 mm	21' ft
Outer diameter of impact block:	B	660 mm	2' 2" ft
Min. Guiding Width:	C	813 mm	32" in
Width of hammer:	D	785 mm	31" in
Hammer Center to Pump Guard:	F	445 mm	1' 6" ft
Hammer Center to Trip:	G	275 mm	10" in
Hammer Depth:	H	1016 mm	3' 4" ft

Pump Setting 1	81.2 kNm	59,727 ft.lbs.
Pump Setting 2	104.7 kNm	76,985 ft.lbs.
Pump Setting 3	131.7 kNm	96,814 ft.lbs.
Pump Setting 4	158.6 kNm	116,643.4 ft.lbs.

Weights approx:

Weight of diesel pile hammer approx.:	12.53 US tons	25,053 lbs
Weight of piston approx.:	5000 kg	11,023 lbs
Impact Block approx.:	1070 kg	2,359 lbs
Tripping device approx.:	500 kg	1,102.3 lbs
Tool box approx.:	100 kg	220.5 lbs

Energy per blow

Max:	158.6 kNm	116,643.4 ft lbf
Min:	81.2 kNm	59,727 ft lbf
Number of blows:		35-52 min
Suitable for driving piles, up to	16,000 kg	35,274 lbs

Batter Info

Max. gradient of batter pile driven:	1:3/1:1
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Consumption

Diesel fuel:	17 L hr.	4.4 gph
Lubrication oil:	2 L hr.	.53 gph

Volume

Diesel oil tank:	89 L	23.5 gal
Lube tank:	17 L	4.5 gal

