

Specifications: D 180-32 Diesel Pile Hammer

Dimensions approx:

Hammer Length:	A1	8365 mm	27' 5"
Hammer Length w/starter guides:	A	9347 mm	30' 8"
Outer diameter of impact block:	B	1045 mm	3' 4"
Min. Guiding Width:	C	1219 mm	48"
Width of Hammer:	D	1156 mm	46"
Hammer Center to Pump Guard:	F	610 mm	2'
Hammer Center to Trip:	G	440 mm	1' 5"
Hammer Depth:	H	1676 mm	5' 6"

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Pump Setting 1	369.4 kNm	271,644 ft.lbs.
Pump Setting 2	464.4 kNm	341,500 ft.lbs.
Pump Setting 3	536.8 kNm	394,700 ft.lbs.
Pump Setting 4	603.7 kNm	443,913 ft.lbs.

Weights approx:

Weight of diesel pile hammer approx.:	43.18 US tons	86,358 lbs
Weight of piston approx.:	18,000 kg	39,683.2 lbs
Impact Block approx.:	4355 kg	9,601 lbs
Tripping device approx.:	1560 kg	3,439.2 lbs
Tool box approx.:	125 kg	275.6 lbs

Energy Per Blow

Max:	603.7 kNm	443,913 ft lbf
Min:	369.4 kNm	271,644 ft lbf
Number of blows:	36–46 min	

Batter Info

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

Diesel fuel:	49.6 L hr.	13.1 gph
Lubrication oil:	5.0 L hr.	1.3 gph

Volume

Diesel oil tank:	238 L	63 gal
Lube tank:	80 L	21.1 gal

