

Specifications: D 138-32 Diesel Pile Hammer

Dimensions approx:

Hammer Length:	A1	7980 mm	26FT 2IN
Hammer Length w/starter guides:	A	8992 mm	29FT 6IN
Outer diameter of impact block:	B	910 mm	3FT
Min. Guiding Width:	C	1067 mm	42IN
Width of Hammer:	D	1030 mm	3 FT 4.5IN
Hammer Center to Pump Guard:	F	560 mm	1FT 10IN
Hammer Center to Trip:	G	370 mm	1FT 2.5IN
Hammer Depth:	H	1448 mm	4FT 9IN

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Pump Setting 1	296 kNm	217,581 ft.lbs.
Pump Setting 2	356 kNm	261,800 ft.lbs.
Pump Setting 3	411.5 kNm	302,600 ft.lbs.
Pump Setting 4	462.4 kNm	340,016 ft.lbs.

Weights approx:

Weight of diesel pile hammer approx.:	32.24 US tons	64,479 lbs
Weight of piston approx.:	13,800 kg	30,423.8 lbs
Impact Block approx.:	3040 kg	6,702 lbs
Tripping device approx.:	870 kg	1,918 lbs
Tool box approx.:	125 kg	275.6 lbs

Energy Per Blow

Max:	462.4 kNm	340,016 ft lbf
Min:	296 kNm	217,581 ft lbf
Number of blows:		36–45 min
Stroke:	3.4–2.1 m	11.1–7.1 ft
Suitable for driving piles, up to	70,000 kg	154,324 lbs

Batter Info

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

Diesel fuel:	39 L hr.	10.3 gph
Lubrication oil:	4.0 L hr.	1.1 gph

Volume

Diesel oil tank:	190 L	50.2 gal
Lube tank:	60 L	15.9 gal

