

Specifications: D 280-22 Diesel Pile Hammer

Dimensions approx:

Hammer Length:	A1	8832 mm	29' ft
Hammer Length w/starter guides:	A	9449 mm	31' ft
Outer diameter of impact block:	B	1189 mm	4' ft
Min. Guiding Width:	C	1737 mm	68" in
Width of Hammer:	D	1347 mm	53" in
Hammer Center to Pump Guard:	F	853 mm	2' 10" ft
Hammer Center to Trip:	G	1006 mm	3' ft
Hammer Depth:	H	1859 mm	6' 1" ft

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Pump Setting 1	486.7 kNm	357,835 ft.lbs.
Pump Setting 2	692.5 kNm	509,227 ft.lbs.
Pump Setting 3	832.9 kNm	612,449 ft.lbs.
Pump Setting 4	935.9 kNm	688,145 ft.lbs.

Weights approx:

Approx. total Diesel Hammer (without guiding) :	64 US Tons	127,929 lbs
Approx. Piston:	28,000 kg	61,729 lbs
Approx. Impact Block:	6380 kg	14,065 lbs
Approx. Tripping device:	2,400 kg	5,291 lbs
Approx. Tool box:	200 kg	441 lbs

Energy Per Blow

Max:	935.9 kNm	688,145 ft lbs
Min:	486.7 kNm	357,835 ft lbs
Number of blows:		36–50 min

Batter Info

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

Diesel fuel:	80 L hr.	21 gph
Lubrication oil:	5.8 L hr.	1.53 gph

Volume

Diesel oil tank:	460 L	121 gal
Lube tank:	100 L	26.4 gal

