

Specifications: D 250-22 Diesel Pile Hammer

Dimensions approx:

Hammer Length:	A1	8712 mm	28' 7" ft
Hammer Length w/starter guides:	A	9267 mm	30' 5" 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	455.1 kNm	334,617 ft.lbs.
Pump Setting 2	609.6 kNm	448,260 ft.lbs.
Pump Setting 3	712.7 kNm	524,022 ft.lbs.
Pump Setting 4	858.6 kNm	631,352 ft.lbs.

Weights approx:

Approx. total Diesel Hammer (without guiding) :	60 US Tons	120,439 lbs
Approx. Piston:	25,000 kg	55,116 lbs
Approx. Impact Block:	6380 kg	14,065 lbs
Approx. Tripping device:	2,200 kg	4,850 lbs
Approx. Tool box:	200 kg	441 lbs

Energy Per Blow

Max:	858.6 kNm	631,352 ft lbf
Min:	455.1 kNm	334,617 ft lbf
Number of blows:	36–50 min	

Batter Info

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

Diesel fuel:	72 L hr.	19 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

