

491 Conroe Park W. Dr. • Conroe, TX 77303

Specifications: D 30-32 Diesel Pile Hammer

Dimensions approx:

Length of Hammer:	A1	5420 mm	17' 9" ft
Hammer length w/starter guides:	A	6477 mm	21' 3" ft
Outer diameter of impact block:	B	560 mm	1' 10" ft
Min. Guiding Width:	C	660 mm	26" in
Width of hammer:	D	640 mm	25" in
Hammer Center to Pump Guard:	F	405 mm	1' 4" ft
Hammer Center to Trip:	G	439 mm	1' 5.3" ft
Hammer Depth:	H	914.4 mm	3' ft

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Pump Setting 1	48.1 kNm	35,381 ft.lbs.
Pump Setting 2	70.2 kNm	51,630 ft.lbs.
Pump Setting 3	85.5 kNm	62,920 ft.lbs.
Pump Setting 4	95.1 kNm	69,895 ft.lbs.

Weights approx:

Weight of diesel pile hammer approx.:	8.12 US tons	16,215 lbs
Weight of piston approx.:	3000 kg	6,613.9 lbs
Impact Block approx.:	662 kg	1,460 lbs
Tripping device approx.:	240 kg	529.1 lbs
Tool box approx.:	100 kg	220.5 lbs

Energy per blow

Max:	95.1 kNm	69,895 ft lbf
Min:	48.1 kNm	35,381 ft lbf
Number of blows:		36–52 min
Stroke:	3.2 - 1.6 m	10.5 - 5.3 ft.

Batter Info

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

Diesel fuel:	10 L hr.	2.6 gph
Lubrication oil:	1 L hr.	0.26 gph

Volume

Diesel oil tank:	67 L	17.7 gal
Lube tank:	19 L	5 gal

