

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

Specifications: D 160-32 Diesel Pile Hammer

Dimensions approx:

Hammer Length:	A1	7855 mm	25' 9"
Hammer Length w/starter guides:	A	8890 mm	29' 2"
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	328.4 kNm	241,477 ft.lbs.
Pump Setting 2	407.5 kNm	299,630 ft.lbs.
Pump Setting 3	445 kNm	327,230 ft.lbs.
Pump Setting 4	536.1 kNm	394,221 ft.lbs.

Weights approx:

Weight of diesel pile hammer approx.:	40.97 US tons	81,948 lbs
Weight of piston approx.:	16,000 kg	35,274 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:	536.1 kNm	394,221 ft lbf
Min:	328.4 kNm	241,477 ft lbf
Number of blows:		36–46 min
Suitable for driving piles, up to	90,000 kg	198,416 lbs

Batter Info

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

Diesel fuel:	45.0 L hr.	11.9 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

