

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

Specifications: D 6-42 Diesel Pile Hammer

Dimensions approx:

Length of Hammer:	A 1	4300mm	14 FT 1 IN
Hammer length w/starter guides:	A	4800 mm	15 FT 9 IN
Outer diameter of impact block:	B	350 mm	1 FT 2 IN
Min. Guiding Width:	C	533 mm	21 IN
Width of hammer:	D	410 mm	16 IN
Hammer Center to Pump Guard:	F	315 mm	1 FT
Hammer Center to Trip:	G	245 mm	9.6 IN
Hammer Depth:	H	590 mm	1 FT 11 IN

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Pump Setting 1	9.6 kNm	7,081 ft.lbs.
Pump Setting 2	11.2 kNm	8,300 ft.lbs.
Pump Setting 3	14.1 kNm	10,430 ft.lbs.
Pump Setting 4	17.1 kNm	12,539 ft.lbs.

Weights approx:

Weight of diesel pile hammer approx.:	2.7 US tons	5,401 lbs
Weight of piston approx.:	600 kg	1322.8 lbs
Impact Block approx.:	185 kg	408 lbs
Tripping device approx.:	160 kg	352.74 lbs
Tool box approx.:	75 kg	165.35 lbs

Energy per blow

Max:	17.1 kNm	12,539 ft lbf
Min:	9.6 kNm	7,081 ft lbf
Number of blows:	39-52 min	

Batter Info

Max. gradient of batter pile driven: 1:3

Consumption

Diesel fuel:	3.7 L hr.	1 gph
Lubrication oil:	.25 L hr.	.07 gph

Volume

Diesel oil tank:	19 L	5.02 gal
Lube tank:	5 L	1.32 gal

