

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

Specifications: D225-22 Diesel Pile Hammer

Dimensions approx:

Hammer Length:	A1	8569 mm	28' ft
Hammer Length w/starter guides:	A	9121 mm	30' 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	399.5 kNm	293,786 ft.lbs.
Pump Setting 2	545.5 kNm	401,131 ft.lbs.
Pump Setting 3	637.7 kNm	468,928 ft.lbs.
Pump Setting 4	768.4 kNm	564,973 ft.lbs.

Weights approx:

Weight of diesel pile hammer approx.:	50 US Tons	100,000 lbs
Weight of piston approx.:	22,500 kg	49,612 lbs
Impact Block approx.:	6380 kg	14,065 lbs
Tripping device approx.:	2,200 kg	4,850 lbs
Tool box approx.:	200 kg	441 lbs

Energy Per Blow

Max:	768.4 kNm	564,973 ft lbf
Min:	399.5 kNm	293,812 ft lbf
Number of blows:	36–50 min	

Batter Info

Max. gradient of batter pile driven: 1:3

Consumption

Diesel fuel:	64 L hr.	16.9 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

