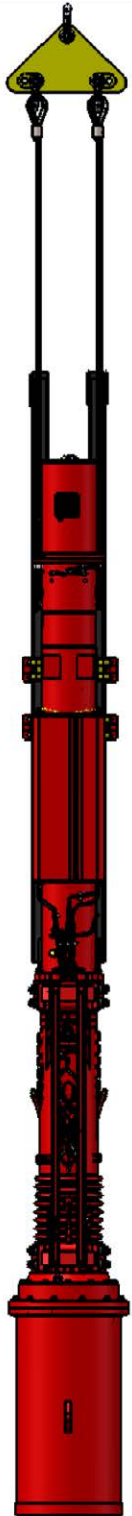


491 Conroe Park W. Dr. • Conroe, TX 77303

Specifications: Direct Drive D19-42



Dimensions approx:

Length:	A	7537.4 mm	24' 8.75" ft/in
Hammer Depth:	B	955.68 mm	37.625" in
Width:	C	781 mm	30.75" in
Sleeve Diameter (see sleeve pg.):	D	varies	Ø16"– Ø24"
Hammer w/ Slings Length	E	9776 mm	32' 7/8" ft/in

Pump Setting 1	29.2 kNm	21,463 ft.lbs.
Pump Setting 2	38.0 kNm	28,035 ft.lbs.
Pump Setting 3	47.8 kNm	35,260 ft.lbs.
Pump Setting 4	57.6 kNm	42,410 ft.lbs.

WEIGHTS DO NOT INCLUDE SLEEVES

Weights approx:

Weight of diesel pile hammer approx.:	4.45 US tons	8,890 lbs
Weight of piston approx.:	1820 kg	4012.4 lbs
Impact block approx.:	295 kg	650 lbs
Tripping device approx.:	160 kg	352.74 lbs
Tool box approx.:	75 kg	165.35 lbs

Energy per blow

Max:	57.6 kNm	42,410 ft lbf
Min:	29.2 kNm	21,463 ft lbf
Number of blows:		37–52 min

Batter Info

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

Diesel fuel:	7.5 L hr.	1.98 gph
Lubrication oil:	.6 L hr.	.16 gph

Volume

Diesel oil tank:	71 L	18.8 gal
Lube tank:	20 L	5.3 gal

