

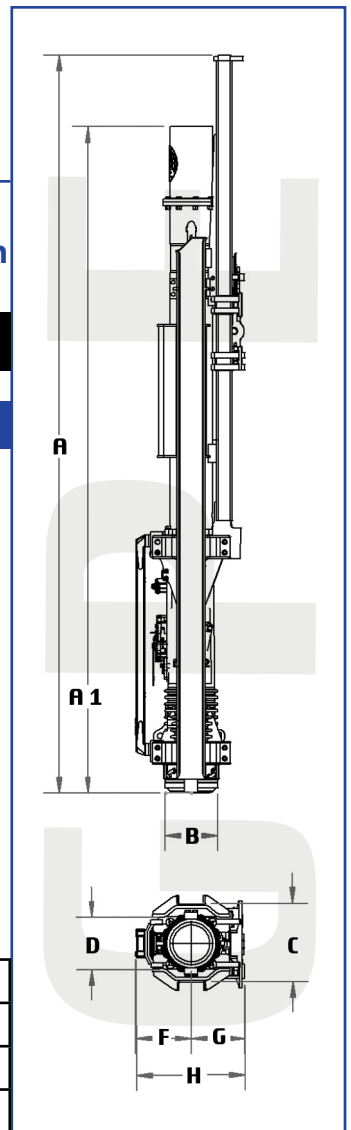


## Specifications: D 19-42 Diesel Pile Hammer

### Dimensions approx:

Length of Hammer:	A1	5086 mm	16' 8" ft
Hammer length w/starter guides:	A	5586 mm	18' 4" ft
Outer diameter of impact block:	B	440 mm	1' 5" ft
Min. Guiding Width:	C	533 mm	21" in
Width of hammer:	D	485 mm	19" in
Hammer Center to Pump Guard:	F	345 mm	1' 2" ft
Hammer Center to Trip:	G	280 mm	11" in
Hammer Depth:	H	665 mm	2' 2" ft

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 approx:

Weight of diesel pile hammer approx.:	5.25 US tons	10,503 lbs
Weight of piston approx.:	1820 kg	4,012.4 lbs
Impact block approx.:	354 kg	780 lbs
Tripping device approx.:	160 kg	352.74 lbs
Tool box approx.:	75 kg	165.35 lbs

### Energy per blow

Max:	57.5 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