



GLOBAL PILING EQUIPMENT INC.™

Distributed by: **Mississippi Valley Equipment Co.**
 1198 Pershall Rd. St. Louis, MO 63137
 (800)325-8001 www.mve-stl.com

Specifications: D 12-42 Diesel Pile Hammer

Dimensions approx:

Length of Hammer:	A1	5060 mm	16' 7" ft
Hammer length w/starter guides:	A	5560 mm	18' 2" ft
Outer diameter of impact block:	B	440 mm	1' 4" ft
Guiding Width:	C	533 mm	1' 9" ft
Width of hammer:	D	460 mm	1' 5" ft
Hammer Center to Pump Guard:	F	310 mm	1' ft
Hammer Center to Trip:	G	245 mm	8" ft
Hammer Depth:	H	585 mm	1' 9" ft

VIEW PARTS MANUAL HERE

Pump Setting 1	50 %	20.5 kNm	15,000 ft.lbs.
Pump Setting 2	66 %	27.7 kNm	19,690 ft.lbs.
Pump Setting 3	83 %	33.6 kNm	24,760 ft.lbs.
Pump Setting 4	100 %	40.5 kNm	29,840 ft.lbs.

Weights approx:

Weight of diesel pile hammer approx.:	3.3 T	6537 lbs
Weight of piston approx.:	1280 kg	2821.9 lbs
Impact Block approx.:	300 kg	661 lbs
Tripping device approx.:	160 kg	352.74 lbs
Tool box approx.:	75 kg	165.35 lbs

Energy per blow

Max:	40.4 kNm	29,798 ft lbf
Min:	20.3 kNm	14,972.5 ft lbf
Number of blows:		37-52 min

Batter Info

Max. gradient of batter pile driven: 1:2

Consumption

Diesel fuel:	4.5 L hr.	1.2 gph
Lubrication oil:	.5 L hr.	0.13 gph

Volume

Diesel oil tank:	24 L	6.3 gal
Lube tank:	6.5 L	1.7 gal

