



# 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 8-22 Diesel Pile Hammer

### Dimensions approx:

Length of Hammer:	A 1	4700 mm	15' 5" ft
Hammer length w/starter guides:	A	5200 mm	17' 1" ft
Outer diameter of impact block:	B	350 mm	1' 2" ft
Guiding Width:	C	533 mm	1' 9" ft
Width of hammer:	D	410 mm	1' 4" ft
Hammer Center to Pump Guard:	F	315 mm	1' ft
Hammer Center to Trip:	G	245 mm	9.6"
Hammer Depth:	H	590 mm	1' 11" ft

Pump Setting 1	49 %	12.9 kNm	9,480 ft.lbs.
Pump Setting 2	66 %	16.9 kNm	10,350 ft.lbs.
Pump Setting 3	83 %	21.1 kNm	15,570 ft.lbs.
Pump Setting 4	100 %	25.4 kNm	18,760 ft.lbs

### Weights approx:

Weight of diesel pile hammer approx.:	2 T	4299.0 lbs
Weight of piston approx.:	800 kg	1763.7 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:	25.4 kNm	18,760 ft lbf
Min:	12.9 kNm	9,480 ft lbf
Number of blows:	37–52 min	

### Batter Info

Max. gradient of batter pile driven: 1:2

### Consumption

Diesel fuel:	3.8 L hr.	1 gph
Lubrication oil:	.5 L hr.	.13 gph

### Volume

Diesel oil tank:	20 L	5.08 gal
Lube tank:	6 L	1.59 gal

