

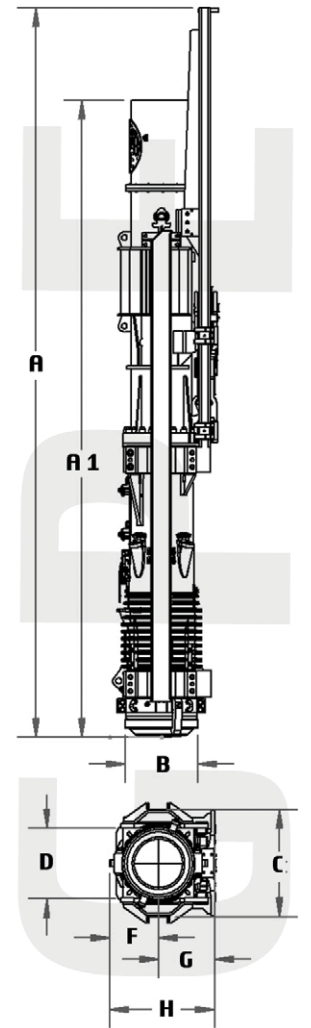


Specifications: D 80-23 Diesel Pile Hammer

Dimensions approx:

| | | | |
|---------------------------------|----|---------|-----------|
| Hammer Length: | A1 | 7211 mm | 23' 8"ft |
| Hammer Length w/starter guides: | A | 8257 mm | 27' ft |
| Outer diameter of impact block: | B | 820 mm | 2' 8" ft |
| Min. Guiding Width: | C | 1067 mm | 42" in |
| Width of Hammer: | D | 900 mm | 35" in |
| Hammer Center to Pump Guard: | F | 549 mm | 1' 10" ft |
| Hammer Center to Trip: | G | 634 mm | 2' ft |
| Hammer Depth: | H | 1186 mm | 3' 11" ft |

| | | |
|----------------|-----------|-----------------|
| Pump Setting 1 | 171.5 kNm | 126,123 ft.lbs. |
| Pump Setting 2 | 197.3 kNm | 145,100 ft.lbs. |
| Pump Setting 3 | 240.5 kNm | 176,840 ft.lbs. |
| Pump Setting 4 | 267.8 kNm | 196,929 ft.lbs. |



Weights approx:

| | | |
|---------------------------------------|---------------|------------|
| Weight of diesel pile hammer approx.: | 19.28 US tons | 38,559 lbs |
| Weight of piston approx.: | 8000 kg | 17,637 lbs |
| Impact Block approx.: | 2100 kg | 4,630 lbs |
| Tripping device approx.: | 870 kg | 1,918 lbs |
| Tool box approx.: | 125 kg | 275.6 lbs |

Energy Per Blow

| | | |
|------------------|-----------|----------------|
| Max: | 267.8 kNm | 196,929 ft lbf |
| Min: | 171.5 kNm | 126,123 ft lbf |
| Number of blows: | | 36-45 min |

Batter Info

| | |
|--------------------------------------|---------|
| Max. gradient of batter pile driven: | 1:2/1:1 |
|--------------------------------------|---------|

Consumption

| | | |
|------------------|-----------|----------|
| Diesel fuel: | 25 L hr. | 6.6 gph |
| Lubrication oil: | 2.9 L hr. | 0.76 gph |

Volume

| | | |
|------------------|-------|----------|
| Diesel oil tank: | 155 L | 40.9 gal |
| Lube tank: | 32 L | 8.45 gal |

