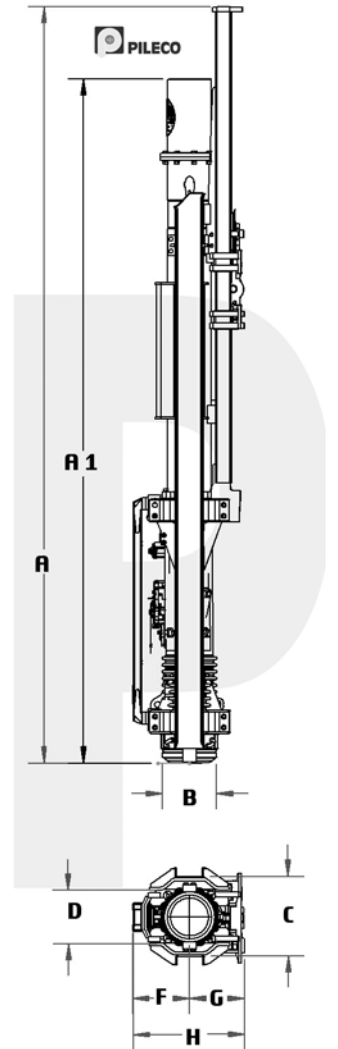


Specifications: D 19-42 Diesel Pile Hammer

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 |



VIEW PARTS MANUAL HERE

| | | |
|----------------|----------|----------------|
| 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 | 4012.4 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: | 57.6 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 |
|--------------------------------------|---------|

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 |