

491 Conroe Park W. Dr. • Conroe, TX 77303

Specifications: Direct Drive D100-13

Dimensions approx:

| | | | |
|-----------------------------------|---|----------|------------|
| Length: | A | 7969.3mm | 313 3/4 in |
| Hammer Depth: | B | 1454.2mm | 57 1/4 in |
| Width: | C | 1454.2mm | 57 1/4 in |
| Sleeve Diameter (see sleeve pg.): | D | varies | Ø36"– Ø60" |
| Hammer w/ Slings Length | E | 12834mm | 505 1/2 in |

| | | |
|----------------|-----------|--------------------|
| Pump Setting 1 | 214.5 kNm | 157,735 ft.lbs. |
| Pump Setting 2 | 258.7 kNm | 190,210 ft.lbs. |
| Pump Setting 3 | 300.5 kNm | 221,010 ft.lbs. |
| Pump Setting 4 | 334.5 kNm | 246,006.47 ft.lbs. |

WEIGHTS DO NOT INCLUDE SLEEVES

Weights approx:

| | | |
|---------------------------------------|----------------------|--------------|
| Weight of diesel pile hammer approx.: | 24.46 US tons | 48,925 lbs |
| Weight of piston approx.: | 10,000 kg | 22,046.2 lbs |
| Impact Block approx.: | 1980 kg | 4,365 lbs |
| Tripping device approx.: | 870 kg | 1,918 lbs |
| Tool box approx.: | 125 kg | 275.6 lbs |

Energy Per Blow

| | | |
|------------------|-----------|-------------------|
| Max: | 334.5 kNm | 246,006.47 ft lbf |
| Min: | 214.5 kNm | 157,735 ft lbf |
| Number of blows: | | 36–45 min |

Batter Info

| | |
|--------------------------------------|---------|
| Max. gradient of batter pile driven: | 1:5/1:2 |
|--------------------------------------|---------|

Consumption

| | | |
|------------------|-----------|----------|
| Diesel fuel: | 30 L hr. | 7.93 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 |

