

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

## Specifications: D 46-32 Diesel Pile Hammer

### Dimensions approx:

|                                 |    |         |           |
|---------------------------------|----|---------|-----------|
| Length of Hammer:               | A1 | 5600 mm | 18' 4" ft |
| Hammer length w/starter guides: | A  | 6400 mm | 21' ft    |
| Outer diameter of impact block: | B  | 660 mm  | 2' 2" ft  |
| Min. Guiding Width:             | C  | 813 mm  | 32" in    |
| Width of hammer:                | D  | 785 mm  | 31" in    |
| Hammer Center to Pump Guard:    | F  | 445 mm  | 1' 6" ft  |
| Hammer Center to Trip:          | G  | 275 mm  | 10" in    |
| Hammer Depth:                   | H  | 848 mm  | 2' 9" ft  |

### VIEW PARTS MANUAL HERE

|                |           |                 |
|----------------|-----------|-----------------|
| Pump Setting 1 | 73.9 kNm  | 54,358 ft.lbs.  |
| Pump Setting 2 | 96.3 kNm  | 70,805 ft.lbs.  |
| Pump Setting 3 | 121.1 kNm | 89,040 ft.lbs.  |
| Pump Setting 4 | 145.9 kNm | 107,315 ft.lbs. |

### Weights approx:

|                                       |                      |              |
|---------------------------------------|----------------------|--------------|
| Weight of diesel pile hammer approx.: | 12.43 <b>US tons</b> | 24,859 lbs   |
| Weight of piston approx.:             | 4600 kg              | 10,141.3 lbs |
| Impact Block approx.:                 | 1070 kg              | 2,359 lbs    |
| Tripping device approx.:              | 500 kg               | 1,102.3 lbs  |
| Tool box approx.:                     | 100 kg               | 220.5 lbs    |

### Energy per blow

|                                   |           |                |
|-----------------------------------|-----------|----------------|
| Max:                              | 145.9 kNm | 107,315 ft lbf |
| Min:                              | 73.9 kNm  | 54,358 ft lbf  |
| Number of blows:                  |           | 35-52 min      |
| Suitable for driving piles, up to | 16,000 kg | 35,274 lbs     |

### Batter Info

|                                      |         |
|--------------------------------------|---------|
| Max. gradient of batter pile driven: | 1:3/1:1 |
|--------------------------------------|---------|

### Consumption

|                  |          |         |
|------------------|----------|---------|
| Diesel fuel:     | 16 L hr. | 4.3 gph |
| Lubrication oil: | 2 L hr.  | .53 gph |

### Volume

|                  |      |          |
|------------------|------|----------|
| Diesel oil tank: | 89 L | 23.5 gal |
| Lube tank:       | 17 L | 4.5 gal  |

