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# 416L

The vibrator is operated by a hand-held remote control pendant. The pendant has three, two-way switches and two push buttons, (one with a light). One switch (SLOW-FAST) raises and lowers the diesel engine speed. The second switch (REVERSE-FORWARD) starts and stops the vibrator. The other switch (OPEN-CLOSE) operates the hydraulic clamp. The light indicates that adequate clamping pressure exists for vibration to begin. The (red mushroom) push button (EMERGENCY STOP) shuts down the diesel engine instantly, in the event of an emergency. Note: Controls are duplicated on the control panel in case the pendant is damaged. (See pg.III-5, Section E-e)

## SPECIFICATIONS

### MODEL 416L VIBRATOR

|                                                     |                        |
|-----------------------------------------------------|------------------------|
| Type .....                                          | Hydraulic              |
| Eccentric Moment.....                               | 2200 In-lbs.(25.3kg-M) |
| Frequency.....                                      | 760-1600 VPM           |
| Amplitude.....                                      | 1.00 in. (25.4mm)      |
| Pile Clamping Force.....                            | 125 Tons (1112kN)      |
| Max. Line Pull for                                  |                        |
| Extraction.....                                     | 40 Tons (356kN)        |
| Suspended Weight with 126 Clamp and half hoses..... | 9,975 lbs. (4525kg)    |
| Length [L].....                                     | 95 in. (241cm)         |
| Width [W].....                                      | 17 in. (43cm)          |
| Throat Width [T].....                               | 14 in. (35.5cm)        |
| Height with Clamp [HH].....                         | 101 in.(256.5cm)       |
| Height without clamp [H].....                       | 69 in. (175cm)         |

### 3. MODEL 325 POWER UNIT

|                            |                      |
|----------------------------|----------------------|
| Type .....                 | Diesel               |
| Engine.....                | CAT 3306TA           |
| Horsepower (2100 RPM)..... | 325 (242.5kW)        |
| Weight.....                | 10,485 lbs. (4756kg) |
| Length [ll].....           | 126in. (320cm)       |
| Width [ww].....            | 60 in. (152cm)       |
| Height [hh].....           | 79 in. (201cm)       |

