



MODEL 416  
VIBRATORY  
DRIVER/EXTRACTOR

# OPERATING INSTRUCTIONS

## I. GENERAL DESCRIPTION

### E. REMOTE-CONTROL PENDENT

The vibrator is operated by a hand-held remote-control pendent. The pendent has two push buttons, a two-way switch, and an indicator light. The buttons start and stop vibration. The switch closes and opens the hydraulic clamp. The light indicates that adequate clamping pressure exists for vibration to begin.

### F. SPECIFICATIONS

1. Constant improvement and engineering progress make it necessary that we reserve the right to make specification changes without notice.

2. Vibrator (with hydraulic clamp)

|                                  |              |
|----------------------------------|--------------|
| Type.....                        | Hydraulic    |
| Eccentric moment.....            | 1800 in-lbs. |
| Frequency.....                   | 800-1600 VPM |
| Amplitude.....                   | ½-1 inch     |
| Horsepower.....                  | 175          |
| Pile clamping force.....         | 100 tons     |
| Max. line pull for extraction... | 40 tons      |
| Suspended weight, with head....  | 12,200 lbs.  |
| Length.....                      | 96 inches    |
| Width.....                       | 22 inches    |
| Throat width.....                | 12 inches    |
| Height with head.....            | 105 inches   |
| Height without head.....         | 76 inches    |

3. Power Package

|                             |            |
|-----------------------------|------------|
| Type.....                   | Hydraulic  |
| Engine.....                 | CAT 3208   |
| Horse power (2800 rpm)..... | 210        |
| Weight.....                 | 9000 lbs.  |
| Length.....                 | 108 inches |
| Width.....                  | 60 inches  |
| Height.....                 | 70 inches  |



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