CONSTRUCTION EQUIPMENT

VIBRO DRIVER/EXTRACTOR

Vibro Model 1700

605-C

FOSTER
L.B. FOSTER COMPANY
The Foster Vibro Driver®/Extractor, available in electric or hydraulic models, is designed to drive or extract sheet piling, pipe, timber, concrete pile, caisson pile, H, I and wide flange beams. The slim Foster Vibro can drive a single sheet pile between piles already in place. Concentration of the vibro's full power on a single sheet pays off in greater efficiency when it is impossible to drive or extract pairs of piles with a larger hammer. Hydraulic models offer instantaneous and continuously variable frequency which allow you to best match vibrating speed to soil conditions, saving you time. The positive hydraulic gripping action of the clamping head practically eliminates top-end battering, brooming or distortion of piling. Foster Vibros are available on request with proper mountings to operate on box type leaders.

Rent, Buy, or Rent with Purchase Option
Foster offers three plans:
1) Foster rental rates assure you big savings on most applications and offer advantages in bidding. By renting, you get the unit on your jobsite the day you start work. We'll help you estimate job-time and rental costs.
2) You can buy any Foster construction equipment outright or on installment purchase plans.
3) You can rent first, then convert to outright purchase once the equipment has proven itself in savings and performance.

For further information write L. B. Foster Company, 415 Holiday Drive, Pittsburgh, Pa. 15220, or call your local sales office.

For parts and service call your local L. B. Foster Company Service Center.

![Diagram of Foster Vibro]

**NOTES:**

a. Suspended weight includes Driver/Extractor, Typical Driving/Extracting Head, and Hydraulic Hoses.

b. Shipping weight includes Driver/Extractor, Power Pack, Driving/Extracting Head, and Hydraulic Hoses.

L. B. Foster Company reserves the right to make changes in specifications without prior notice.

**SPECIFICATIONS:**

- **Type - Hydraulic**
- **Excentric Moment - 1740 In. - Lbs.**
- **Frequency - 0 - 1400 RPM**
- **Amplitude - 5/16 in. - 5/8 in.**
- **Maximum Output of Hydraulic Motor - 147 HP**

**Maximum Operating Pressure - 5000 PSI**

- **Maximum Flow - 60 GPM**
- **Working Line Pull for Extraction - 30 Tons**
- **Type of Suspension - Elastomeric**
- **Pile Clamping Force - 100/120 Tons**
- **Suspended Weight (a) - 12,900 Lbs.**

**Shipping Weight - (b) 20,000 Lbs.**

- **Length - 84"**
- **Width - 25"**
- **Throat Width - 12"**
- **Hammer Height - 86½"**

**Specifications for Model 605-C Hydraulic Power Pack - Recommended for use with Model 1700**

- **Type - Caterpillar 3208**
- **Maximum Horsepower - 220 HP**
- **Maximum RPM - 2800 RPM**
- **Horsepower to Pump - 174 HP**
- **Operating RPM to Pump - 2600 RPM**

- **Maximum Output Pressure - 5000 PSI**
- **Maximum Output Flow - 60 GPM**
- **Clamp Pressure - 4500 PSI**

**GENERAL SPECIFICATIONS:**

- **Hydraulic Oil Tank Capacity - 117 Gal.**
- **Fuel Tank Capacity - 84 Gal.**
- **Approximate Fuel Consumption at Maximum Output - 12.0 Gal./Hr.**
- **Overall Length - 8' 10"**

**Overal Width - 4' 1"**

- **Overall Height - 6' 11"**
- **Weight (Dry) - 6360 Lbs.**
- **Weight (Wet) - 7030 Lbs.**
- **Skid Type Fuel Tank**
- **Totally enclosed with locking doors**
- **Hydraulic Hose Quick Disconnects**
- **Automatic shutdown on oil pressure and engine temperature**
- **Hand Held Control Pendant**

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