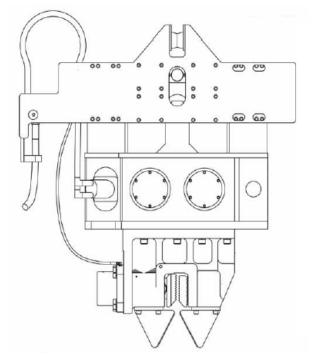


## The J&M Model 28-35 Vibratory Driver / Extractor

Engineered for maximum versatility and maximum ownership utilization



- 2,800 inch/lbs of eccentric moment combined w/ a low-mass transmission provides maximum pile amplitude
- Variable hammer weight with optionally available segmental bias weights. Add 2000 lbs of driving weight for high friction or otherwise difficult soils.
- Patented on-the-hammer braking valve minimizes boom shake
- Super-tough forged gears provide an unmatched 12 year useful life
- Patented Two Stage suspension provides 60-tons of line pull ensures smooth operation while providing maximum line pull with minimum weight
- Supplied with environment friendly non-toxic biodegradable hydraulic oil
- Remote electric pendant control includes engine speed control for fuel efficiency and emergency engine stop for personnel safety. Duplicate full-function controls on the panel eliminate downtime from accidental damage
- Clamps include internal holding valves for safety and extra-heavy wall cylinders machined from solid blocks to eliminate cylinder guards
- Highest quality VOAC pumps & motors in a time proven reliable open-loop hydraulic system ensures maximum efficiency, maximum reliability, and simpler, quicker unit serviceability
- Optional digital radio remote provides total operator freedom of movement
- Made in the USA by the industries most technologically innovative manufacturer of hydraulic vibratory pile drivers / extractors since 1974

| VIBRATOR                     |                    | POWER UNIT              |                              |                       |
|------------------------------|--------------------|-------------------------|------------------------------|-----------------------|
| Eccentric moment 2,8         |                    | ,800 inch/lbs (32 kg-m) | Engine                       | Caterpillar C9        |
| Frequency                    |                    | 1650 vpm                | Power                        | 350 HP (261 kW)       |
| Centrifugal force            |                    | 108 tons ( 960 kN)      | Operating speed              | 2200 rpm              |
| Amplitude (free hanging)     |                    | 1.17 in (30 mm)         | Drive pressure               | 5,500 psi (379 bar)   |
| Max line pull for extracting |                    | 60 ton (534 kN)         | Drive flow                   | 91 gpm (344 lpm)      |
| Weight (no clamps or hoses)  |                    | 7,830 lbs (3552 kg)     | Clamp pressure               | 4,800 psi (331 bar)   |
| Non-vibrating weight         |                    | 2,800 lbs (1270 kg)     | Clamp flow                   | 5.2 gpm (20 lpm)      |
| Height (without clamp)       |                    | 65 in (1650 mm)         | Weight (w/ full fuel & fluid | ) 9,600 lbs (4355 kg) |
| Length                       |                    | 92 in (2337 mm)         | Length                       | 126 in (3200 mm)      |
| Width                        |                    | 20 in (508 mm)          | Width                        | 60 in (1525 mm)       |
| Throat width                 |                    | 15 in (381 mm)          | Height                       | 68 in (1730 mm)       |
| Hydraulic hose length        |                    | 100 ft (30 m)           | Hydraulic reservoir          | 270 gal (1020 l)      |
| Hydraulic hose weight        |                    | 850 lbs (385 kg)        | Fuel capacity                | 110 gal (415 l)       |
| HYDRAULIC                    | Standard           | Single Sheet            | Casing Clamps                | Concrete & Small      |
| CLAMPS:                      | Universal Clamp    | Z-Pile Clamp            | w/7 ft Beam                  | Pipe Timber Clamp     |
| Clamping force               | 125 tons (1112 kN  | ) 125 tons (1112 kN)    | 160 tons (1423 kN)           | 53 ton (470 kN)       |
| Weight                       | 2,150 lbs (975 kg) | 3,190 lbs (1447 kg)     | 3260 lbs (1479 kg)           | 4970 lb (2255 kg)     |
| Length                       | 45.75 in (1160 mm  |                         | 110 in (2795 mm)             | 43 in (1095 mm)       |
| Width                        | 12 in (305 mm)     | 18 in (460 mm)          | 13.75 in (350 mm)            | 27 in (685 mm)        |
| Height                       | 37.75 in (960 mm)  | 41.25 in (1050 mm)      | 26 in (660 mm)               | 79 in (2005 mm)       |

## **Corporate Office**

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