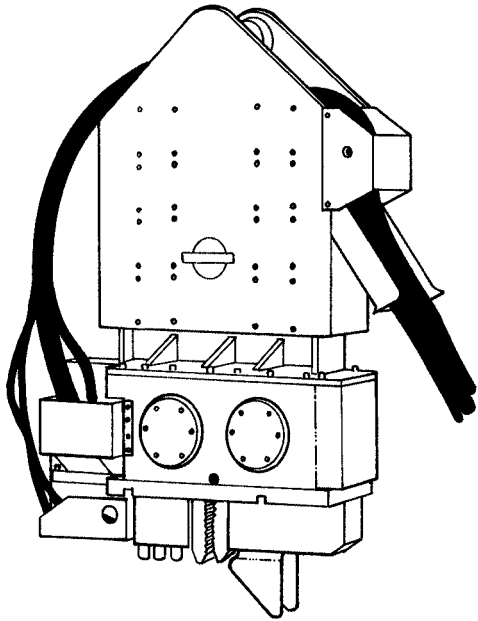


The J&M Model 216 Vibratory Driver / Extractor



Engineered for compact performance on light to medium weight piles

- ◆ The most historically popular vibratory driver / extractor ever made.
- ◆ 1,100 in-lbs of precision cast Hi-Den® eccentric moment combined with a low-mass transmission provides the maximum possible pile amplitude.
- ◆ Variable hammer weight with optionally available bias weights. Add 2000 lbs of driving weight for high friction or otherwise difficult soils.
- ◆ 40-ton maximum elastomeric suppressor handles your toughest pulling jobs while providing the industry's highest working load safety factor.
- ◆ 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 panel eliminate downtime from accidental damage.
- ◆ Heavy-duty two-piece clamp minimizes headroom requirements and reduces the suspended weight to improve pile amplitude and drivability.
- ◆ Highest quality Dennison pump and Vickers motor in time proven reliable open-loop hydraulic system ensure 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 industry's most technologically innovative manufacturer of hydraulic vibratory pile drivers / extractors since 1974.

VIBRATOR		POWER UNIT	
Eccentric moment	1,100 in-lbs (13 kg-m)	Engine	Caterpillar 3116TA
Frequency	1600 vpm (1600 vpm)	Power	200 HP (149 kW)
Centrifugal force	40 ton (355 kN)	Operating speed	2,400 rpm (2400 rpm)
Amplitude (free hanging)	0.94 in (24 mm)	Drive pressure	2,500 psi (172 bar)
Max line pull for extracting	40 ton (355 kN)	Drive flow	100 gpm (380 lpm)
Weight (no clamps or hoses)	4,230 lb (1920 kg)	Clamp pressure	2,500 psi (172 bar)
Non-vibrating weight	1,900 lb (860 kg)	Clamp flow	10 gpm (38 lpm)
Height (without clamp)	61 in (1550 mm)	Weight (w/ full fluid & fuel)	9,400 lb (4265 kg)
Length	50 in (1270 mm)	Length	126 in (3200 mm)
Width	16 in (405 mm)	Width	60 in (1525 mm)
Throat width	12 in (305 mm)	Height	76 in (1930 mm)
Hydraulic hose length	100 ft (30 m)	Hydraulic reservoir	275 gal (1040 l)
Hydraulic hose weight	850 lbs (385 kg)	Fuel capacity	122 gal (460 l)

HYDRAULIC CLAMPS:	Standard Universal Clamp	Casing Clamps w/ 3' Beam	Small Diameter Timber Clamp	Concrete, Small Pipe & Timber Clamp
Clamping force	50 ton (445 kN)	160 ton (1425 kN)	25 ton (230 kN)	53 ton (470 kN)
Weight	870 lb (395 kg)	2,650 lb (1200 kg)	2,500 lb (1135 kg)	4,970 lb (2255 kg)
Length	49 in (1245 mm)	62 in (1575 mm)	47 in (1195 mm)	43 in (1095 mm)
Width	13 in (330 mm)	14 in (355 mm)	43 in (1095 mm)	27 in (685 mm)
Height	18 in (460 mm)	26 in (660 mm)	38 in (965 mm)	79 in (2005 mm)



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