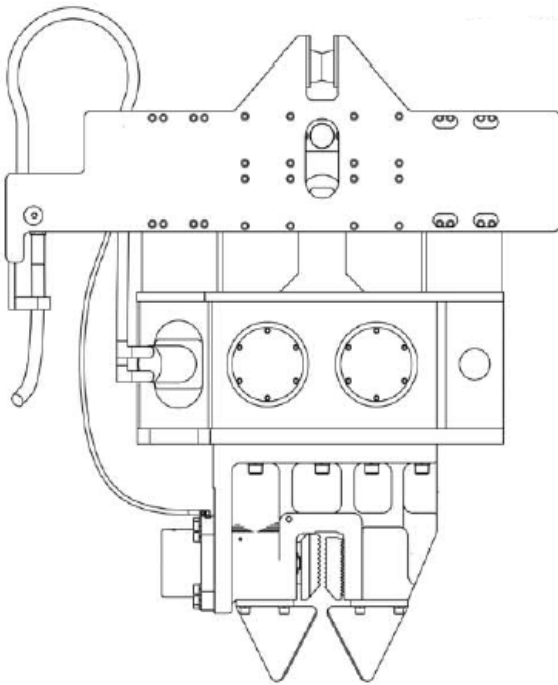




# The J&M Model 22-30 Vibratory Driver / Extractor

Engineered for maximum versatility and maximum ownership utilization



- 2,200 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	2,200 inch/lbs (25 kg-m)	Engine	Caterpillar C9
Frequency	1650 vpm	Power	375 HP (280 kW)
Centrifugal force	85 tons ( 756 kN)	Operating speed	2100 RPM
Amplitude (free hanging)	.98 in (30 mm)	Drive pressure	5,500 psi (379 bar)
Max line pull for extracting	80 ton (711 kN)	Drive flow	91 gpm (344 lpm)
Weight (no clamps or hoses)	7,800 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 CLAMPS:	Standard Universal Clamp	Single Sheet Z-Pile Clamp	Casing Clamps w/ 7 ft Beam	Concrete & Small 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)	48.5 in (1230 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)

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