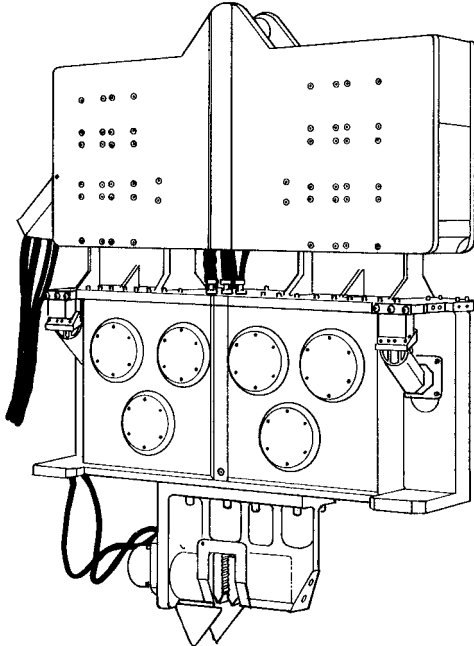


# The J&M Model 66-80 Vibratory Driver / Extractor

**Engineered for the most demanding pile and casing applications.**



- ◆ 6,600 in-lbs of precision cast Hi-Den® eccentric moment provides the maximum amplitude to drive heavy casings even in highly elastic soils.
- ◆ 750 HP Caterpillar 3412TA diesel engine provides the power to drive the longest casings even in high friction or otherwise difficult soils.
- ◆ Variable hammer weight via optional segmental bias weights. Add one set for an additional 2750 lbs of driving weight or two sets for a full 5500 lbs.
- ◆ Patented on-the-hammer braking valve minimizes unwanted boom shake.
- ◆ Super-tough forged gears provide an unmatched 12-year useful life.
- ◆ 80-ton 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.
- ◆ Clamps include internal holding valves for safety and extra-heavy wall cylinders machined from solid blocks to eliminate cylinder guards.
- ◆ Highest quality Volvo (VOAC) pumps and Rexroth motors in time proven reliable open-loop hydraulic system ensure maximum efficiency, maximum reliability.
- ◆ 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.
- ◆ Quickly adaptable for underwater, low headroom or box lead operation.

<b>VIBRATOR</b>		<b>POWER UNIT</b>		
Eccentric moment	6,600 in-lbs (7620 kg-cm)	Engine	Caterpillar 3412TA	
Frequency	1,600 vpm (1600 vpm)	Power	750HP (596 kW)	
Centrifugal force	240 tons (2135 kN)	Operating speed	1,900 rpm (1900 rpm)	
Amplitude (free hanging)	1.23 in (32 mm)	Drive pressure	5,500 psi (380 bar)	
Max line pull for extracting (variable)	80 ton (710 kN)	Drive flow	237 gpm (897 lpm)	
Weight (no clamps or hoses)	15,250 lbs (6920 kg)	Clamp pressure	5,500 psi (380 bar)	
Non-vibrating weight	4,550 lbs (2065 kg)	Clamp flow	6.5 gpm (25 lpm)	
Height (without clamp)	100 in (2540 mm)	Weight (w/ full fluid & fuel)	22,400 lbs (10,160 kg)	
Length	97 in (2465 mm)	Length	186 in (4725 mm)	
Width	22 in (560 mm)	Width	66 in (1675 mm)	
Throat width	14.25 in (360 mm)	Height	101 in (2565 mm)	
Hydraulic hose length	150 ft (45 m)	Hydraulic reservoir	550 gal (2080 l)	
Hydraulic hose weight	2,250 lbs (1020 kg)	Fuel capacity	240 gal (910 l)	

<b>HYDRAULIC CLAMPS:</b>	<b>Standard Universal Clamp</b>	<b>Concrete Clamp</b>	<b>Casing Clamps w/ 7' Beam</b>	<b>Casing Clamps w/ 11' Beam</b>
Clamping force	200 tons (1780 kN)	175 tons (1560 kN)	250 tons (2225 kN)	250 tons (2225 kN)
Weight	3,000 lbs (1361 kg)	11,000 lbs (4990 kg)	5,300 lbs (2404 kg)	7,960 lb (3610 kg)
Length	57 in (1448 mm)	77 in (1955 mm)	110 in (2795 mm)	150 in (3810 mm)
Width	15 in (381 mm)	34 in (865 mm)	13 ¾ (350 mm)	17 in (435 mm)
Height	37 ¾ in (970 mm)	73 ½ in (1870 mm)	33 ½ in (850 mm)	43 in (1095 mm)



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