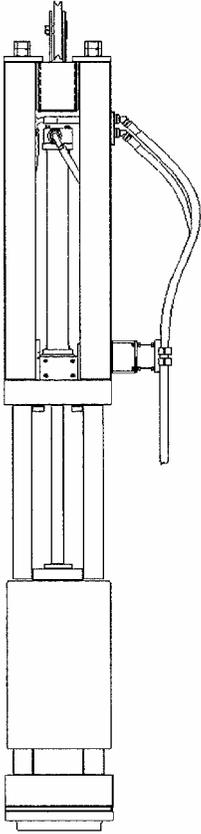


The J&M Model 82 Hydraulic Impact Hammer



Engineered for long-term investment value and maximum ownership utilization

- ◆ All J&M hydraulic impact hammers operate with a patented 100% hydraulic, infinitely variable stroke control system. On the J&M hammers, you will find no troublesome electrical connections, fragile sensors or complex computer controls.
- ◆ All J&M hydraulic impact hammers have a super-tough, single-piece, ferro-chromium alloy forged ram to eliminate segmental ram separation or ram point failures.
- ◆ All J&M hydraulic impact hammers utilize a time-proven and ultra-rugged 4-column tensioned cable connected design.
- ◆ All J&M hydraulic impact hammers have a patented hydraulic ram cycle control system that eliminates energy-robbing backpressure and ensures maximum energy to the pile.
- ◆ All J&M hammers are built with hard-chromed columns and self-lubricating nylon ram bearings to minimize friction and maximize transferred energy.
- ◆ 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.
- ◆ Optional radio remote control provides total operator freedom of movement.
- ◆ Highest quality Dennison gear pump in time proven reliable open-loop hydraulic system ensure maximum efficiency, maximum reliability and simpler, quicker unit serviceability.
- ◆ Optional digital radio energy monitoring system measures and records delivered energy for every blow but does not effect the otherwise 100% hydraulic control and operating system.



HAMMER

Ram weight	8,200 lbs (3719 kg)
Maximum stroke	4 ft (1219 mm)
Rated energy	32,800 ft-lbs (44 kJ)
Blow rate @ maximum energy	45 bpm (45 bpm)
Minimum stroke	1 ft (305 mm)
Hammer weight ⁽¹⁾	13,700 lbs (6214 kg)
Operating weight ⁽²⁾	16,750 lbs (7598 kg)
Hammer length ⁽¹⁾	19' 10" (6044 mm)
Operating length ⁽²⁾	22' 1" (6730 mm)
Width	26 in (660 mm)
Depth	30 in (762 mm)
Hydraulic hose length	100 ft (30 m)
Hydraulic hose weight	850 lbs (385 kg)

POWER UNIT

Engine	Caterpillar 3054TA
Power	108 HP (81 kW)
Operating speed	2,400 rpm (2400 rpm)
Drive pressure	3000 psi (207 bar)
Drive flow	46 gpm (174 lpm)
Stroke system pressure	1,000 psi (69 bar)
Stroke system flow	10 gpm (38 lpm)
Weight (w/ full fluid & fuel)	3,400 lbs (1542 kg)
Length	96 in (2438 mm)
Width	45 in (1143 mm)
Height	52 in (1321 mm)
Hydraulic reservoir	60 gal (227 l)
Fuel capacity	75 gal (284 l)

NOTES

- 1) Bare hammer weight and length only. No hoses or helmet are included.
- 2) Includes 14" square concrete helmet only. No hoses are included. See hose weight listed separately.



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