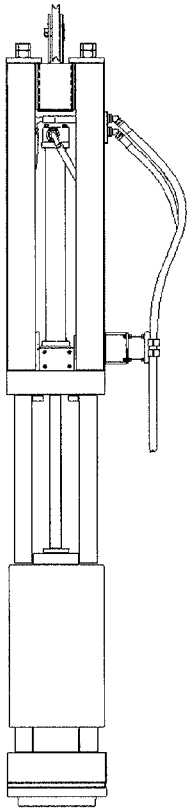



# The J&M Model 70B Hydraulic Impact Hammer

## 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 HMC 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 Commercial Intertech gear pumps 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	7,000 lbs (3175 kg)
Maximum stroke	3 ft (914 mm)
Rated energy	21,000 ft-lbs (28 kJ)
Blow rate @ maximum energy	50 bpm (50 bpm)
Minimum stroke	1 ft (305 mm)
Hammer weight <sup>(1)</sup>	13,400 lbs (6078 kg)
Operating weight <sup>(2)</sup>	16,450 lbs (7462 kg)
Hammer length <sup>(1)</sup>	15' 5" (4699 mm)
Operating length <sup>(2)</sup>	17' 7" (5359 mm)
Width	20 in (508 mm)
Depth	32 in (813)
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	4,500 psi (310 bar)
Drive flow	33 gpm (125 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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