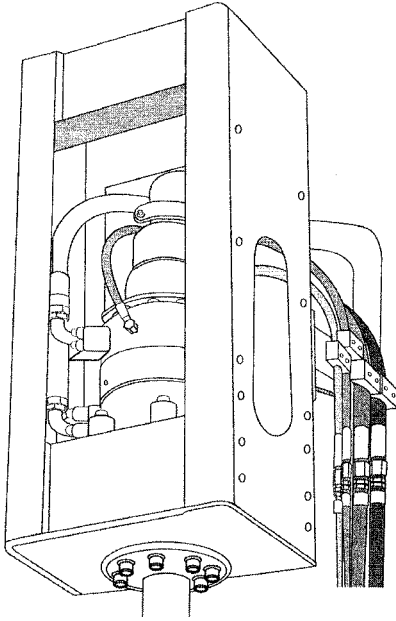


The J&M Model 760 Fixed Speed Top Drive Rotary Head

Heavy-duty single-motor design maximizes uptime & simplicity



- ◆ The highest torque output of any rotary head in its weight class.
- ◆ Single-speed, fixed-torque design maintains maximum drilling speed and maximum available torque throughout the entire drilling cycle to maximize drilling production.
- ◆ State of the art Chevron Clarity non-toxic and biodegradable hydraulic oil.
- ◆ Simple single-motor design provides unmatched reliability and simplifies unit serviceability and maintenance.
- ◆ Remote electric pendant control includes operational mode selection switches, engine speed control for fuel efficiency and emergency stop for personnel safety.
- ◆ Hollow output shaft accepts up to 3 inch diameter air or grout swivels.
- ◆ Power unit can also be used with other J&M products such as vibratory hammers and hydraulic impact hammers.
- ◆ Highly efficient Commercial Intertech pump and Vickers motor provides excellent hydraulic power transfer and horsepower efficiency.
- ◆ Open-loop hydraulic system provides jobsite condition reliability and ensures maximum efficiency, maximum reliability and simpler, quicker unit serviceability.
- ◆ Made in the USA by the industry's most technologically innovative manufacturer of rotary heads and foundation equipment since 1974.

ROTARY HEAD

Maximum torque	7,000 ft-lbs (968 kg-m)
Maximum speed	60 rpm (60 rpm)
Maximum crowd force	20,000 lbs (9071 kg)
Rotary swivel ID (standard)	3 in (76 mm)
Rotary swivel ID (optional)	N/a
Height	46 in (1168 mm)
Width	20 in (508 mm)
Depth	17 in (432 mm)
Weight (without hoses)	1,400 lbs (635 kg)
Hydraulic hose length	100 ft (30 m)
Hydraulic hose weight	500 lbs (225 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)
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)

AVAILABLE ACCESSORIES

Lead adapters to fit any size of lead from 20 inch and above or spud guides to fit 10 inch H-beams.

Output shaft flange adapters to match your drill stem connection.

Equipped with single part lifting shackle. Optional 2-part lifting sheave also available.

APPLICATION NOTES

An appropriate shock-sub is recommended for DTH hammer applications.



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