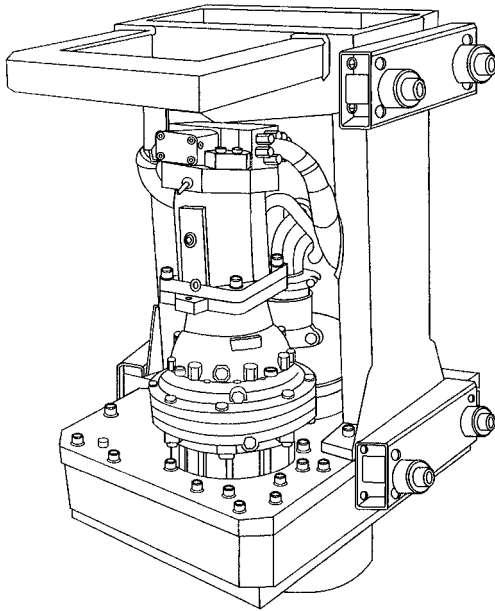


The J&M Model 1255 Fixed Speed Top Drive Rotary Head



Heavy-duty single-motor design maximizes uptime & simplicity

- ◆ 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.
- ◆ Oversized components (designed for 35,000 ft-lbs of output torque) ensure both maximum component life and unit uptime.
- ◆ Simple single-motor design provides unmatched reliability and simplifies unit serviceability and maintenance.
- ◆ Convertible rotary head allows simple and inexpensive conversion to higher speed design (8,300 ft-lb @ 90 rpm) when job requirements dictate higher speed.
- ◆ Remote electric pendant control includes operational mode selection switches, engine speed control for fuel efficiency and emergency stop for personnel safety.
- ◆ Power unit can also be used with other J&M products such as vibratory hammers and hydraulic impact hammers.
- ◆ Open-loop hydraulic system provides jobsite condition reliability and ensures maximum efficiency, maximum reliability and simpler, quicker unit serviceability.
- ◆ Optionally available digital radio remote provides total operator freedom of movement.
- ◆ Made in the USA by the industry's most technologically innovative manufacturer of rotary heads and foundation equipment since 1974.

ROTARY HEAD

Maximum torque	12,500 ft-lbs (1728 kg-m)
Maximum speed	60 rpm (60 rpm)
Maximum crowd force	35,000 lbs (15,875 kg)
Rotary swivel ID (standard)	3 in (76 mm)
Rotary swivel ID (optional)	4 in (102 mm)
Height	52 in (1320 mm)
Width	26 in (660 mm)
Depth	38 in (965 mm)
Weight (without hoses)	3,000 lbs (1360 kg)
Hydraulic hose length	100 ft (30 m)
Hydraulic hose weight	500 lbs (225 kg)

POWER UNIT

Engine	Caterpillar 3116TA
Power	200 HP (149 kW)
Operating speed	2,400 rpm (2400 rpm)
Drive pressure	2,500 psi (172 bar)
Drive flow	100 gpm (380 lpm)
Weight (w/ full fluid & fuel)	9,400 lb (4265 kg)
Length	126 in (3200 mm)
Width	60 in (1525 mm)
Height	76 in (1930 mm)
Hydraulic reservoir	275 gal (1040 l)
Fuel capacity	122 gal (460 l)

AVAILABLE ACCESSORIES

Lead adapters to fit any size of lead from 26 inch and above or spud guides to fit 14 inch H-beams.
 Available with 3" or 4" air/grout swivels and output shaft flange adapters to match your drill stem connection.
 This unit is also available in an Auto-torque[®] configuration. See the Model 35AT for more information.

APPLICATION NOTES

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



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