



DRILLING RIGS



Welcome to



MMR Mining Equipments

MMR Mining Equipments, with over 15 years of experience, is your trusted partner in drilling and mining solutions. We manufacture top-quality rigs with 100% in-house production and no outsourcing, ensuring consistent performance and reliability. Our range includes water well, crawler-mounted, excavator-mounted, and tractor-mounted rigs, Blast hole explorations and drilling solution—engineered for durability, deep drilling, and tough terrains. Exported globally, our rigs are ready-to-use and built for diverse applications. We also offer dependable maintenance support and genuine spare parts to keep your operations running smoothly.





MMR DTH-1500

Technical Specifications

Application	Water well
Drilling method	DTH & Rotary
Hole Diameter range	165 – 306 mm (6 ½” – 12”)
Maximum Depth	450 – 600 m (1500 – 2000 ft) @ 165mm (6 ½”)
Rod Handling Capacity	4.5 – 6 m (15 – 20ft)
Rotary Head	Torque : 3245 Nm (320 kgm)
	Speed: 0-100 rpm
Pull up force	12000 kgf
Pull down force	6200 kgf
Suitable Compressor	1200 cfm – 330 psi
	1100 cfm – 300 psi
Mounting Option	BS IV – AL 2523 / AL2518 Truck
	BS VI – AL 2825 / AL 2820 Truck
	BS VI – TATA 2823 Truck
Optional attachments	Hydraulic driven Duplex Mud pump / Centrifugal Mud pump,
	Hydraulic Hammer Opening Device, Manual Single Rod Changer, Welding Generator, Water injection Pump.



MMR DTH 1500 AUTO ROD CHANGER

Technical Specifications

Application	Water well
Drilling Method	DTH & Rotary
Hole Diameter Range	165 – 306 mm (6 ½” – 12”)
Maximum Depth	450 – 600 m (1500-2000 ft) @ 165mm (6 ½”)
Rod Handling Capacity	4.5 – 6 m (15 – 20ft)
Rotary Head	Torque : 3245 Nm (320 kgm)
	Speed: 0-100 rpm
Pull Up Force	12000 kgf
Pull Down Force	6200 kgf
Suitable Compressor (mounted on separate truck)	1200 cfm – 330 psi
	1100 cfm – 300 psi
Sensor Unit Assembly	False fault detection siren system, Rod count, GPS – display with android app
Rod Handling	Auto Rod handling unit to hold 40 no's of 4.5 – 6 m drill pipes on board.
Mounting Option	BS IV – AL 2523 / AL2518 Truck
	BS VI – AL 2825 / AL 2820 Truck
	BS VI – TATA 2823 Truck
Optional Attachments	Hydraulic driven Duplex Mud pump / Centrifugal Mud pump mounted on support truck, Hydraulic Hammer Opening Device, Welding Generator, Water injection Pump.



MMR EXCAVATOR MOUNTED RIG

Technical Specifications

Application	Blast Hole for Coal - Limestone - Surface Mines
Drilling Method	DTH & Top Hammer
Hole Diameter Range	115 - 165 mm (4½" - 6½") – DTH
	32 - 105 mm (1¼" - 4") – Top Hammer
Maximum Depth	20 m
Rotary Head	Torque: 2600 Nm (260 Kgm)
	Speed: 0 - 100 rpm
Rod Handling Capacity	6 m / 10 m
Single Pass Depth	10 m (Optional)
Pull Up Force	8500 kgf
Pull Down Force	5000 kgf
Suitable Compressor	450 cfm - 150 psi
	600 cfm - 200 psi
	1100 cfm - 300 psi
Mounting Option	Suitable Excavator 20 ton and above (for 115-165 mm dia hole)
	Excavator 8.5 ton to 20 ton (for 60-105 mm dia hole)
Optional Attachments	Manual Single Rod Changer, Dust Collector, Angle Indicator, Fire Suppression System



MMR DTH-1500 SKID

Technical Specifications

Application	Water well
Drilling Method	DTH & Rotary
Hole Diameter Range	165 – 306 mm (6 ½" – 12")
Maximum Depth	450 – 600 m (1500 – 2000 ft) @ 165mm (6 ½")
Rod Handling Capacity	4.5 – 6 m (15 – 20ft)
Rotary Head	Torque : 3245 Nm (320 kgm) Speed: 0-100 rpm
Pull Up Force	12000 kgf
Pull Down Force	6200 kgf
Suitable Compressor	1200 cfm – 330 psi 1100 cfm – 300 psi
Mounting Option	Skid mounted Rig suitable to 28 – 30 tons GVW Truck
Optional Attachments	Hydraulic driven Duplex Mud pump / Centrifugal Mud pump, Hydraulic Hammer Opening Device, Manual Single Rod Changer, Welding Generator, Water injection Pump.



MMR TRACTOR MOUNTED RIG

Technical Specifications

Application	Construction, Solar, Exploration, Water Well, Piling
Drilling Method	DTH & Rotary
Hole Diameter Range	DTH: 165 – 203 mm (6 ½” – 8”) ; Piling: 1200 mm
Maximum Depth	DTH: 200 m (600 ft) @ 165mm (6 ½”)
Rod Handling Capacity	3 m (10 ft); 4.5 m (15 ft)
Rotary Head	Torque : 2600 Nm (260 kgm) Speed: 0-100 rpm
Pull Up Force	8500 kgf
Pull Down Force	5000 kgf
Suitable Compressor	600 cfm – 200 psi 1100 cfm – 300 psi
Optional Attachments	Centrifugal Mud pump, Top Winch, Manual Single Rod Changer, Water injection Pump.



MMR CRAWLER CM 125

Technical Specifications

Model	MMR CRAWLER CM 125
Application	Mining
Drilling Method	Down the Hole Air Hammer
	Top Hammer (Pneumatic)
Hole Diameter Range	75 mm – 120 mm (3" – 4- ¾") DTH 32 mm - 75 mm (1- ¼" - 3") Top Hammer
Maximum Depth	32 meters (100 ft)
Rotary Head	Torque: 127 kgf-m (1250 Nm) Speed: 0 - 60 rpm
Feed System	Chain feed with heavy-duty pneumatic motor- Travel Length: 4650 mm- Lifting Force: 2190 kgf (21.5 kN)
Suitable Compressor	550 Cfm @ 175 psi (15 m³/min @ 12 Bar)
Mounting Option	Crawler mounting with heavy-duty rugged steel track chain with single grouser track pad



MMR CRAWLER LM 100

Technical Specifications

Model	MMR CRAWLER LM 100
Application	Mining, Quarrying
Drilling Method	DTH & Top Hammer
Hole Diameter Range	DTH: 102 – 115 mm
	Top Hammer: 34 – 60 mm
Maximum Depth	DTH: 15 m
	Top Hammer: 9 m
Rotary Head	Torque: 960 Nm Speed: 60 rpm
Pull Up Force	1727 kgf
Pull Down Force	1818 kgf
Suitable Compressor	DTH: 450 – 550 cfm / 150 – 200 psi
	Top Hammer: 400 – 600 cfm / 100 psi
Mounting Option	Crawler mounting with heavy-duty rugged steel track chain with single grouser track pad

DTH DRILL PIPE

Application	Waterwell & Mining
Drill Pipe Type	Seamless Steel Pipe, Finished Materials
Wall Thickness	5.5 mm to 11 mm
Adaptor Thread Type	2 ³ / ₈ " API, 2 ⁷ / ₈ " API, 3 ¹ / ₂ " API, (Regular / IF)
Drill Rod Outer Diameter	60 mm to 141 mm
D.T.H. Drill Rod Length	As per customer requirement

Compressor & Mud pump

COMPRESSOR RANGE

Free air delivery	380 cfm - 1500 cfm
Pressure	150 psi - 425 psi
Mounting option	Skid platform / Trolley / Truck
Make	CP/ ELGI / Atlas Copco / Doosan



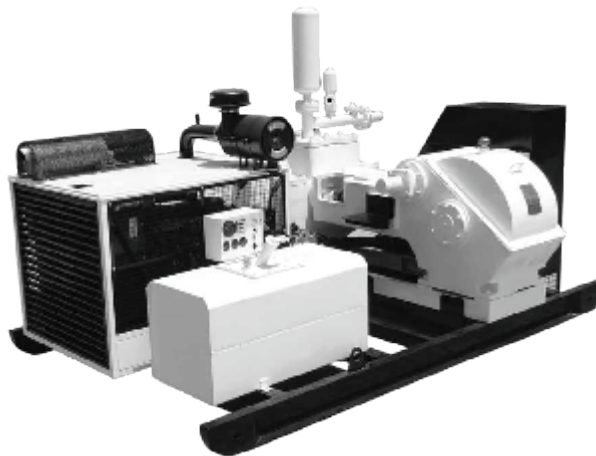
MUD PUMP RANGE

Duplex Double Acting Piston Mud Pump

Model	Stroke	Line Size	Displacement (in lpm)	Max Pressure (in kg/cm ²)
MMR 125	5" (127 mm)	4 1/2" (114 mm)	435 - 665	18 - 10
MMR 150	6" (152 mm)	6" (152 mm)	477 - 915	35 - 18
MMR 200	8" (203 mm)	6" (152 mm)	570 - 1333	45 - 20
MMR 250	10" (254 mm)	7" (178 mm)	782 - 1980	50 - 20

Centrifugal Mud Pump

Discharge	600 lpm
Engine Power	10 hp
Engine make	Yanmar
Delivery / Suction size	65 mm / 75 mm



MMR Engine Drive Mud Pump



MMR Hydraulic Driven Mud Pump



MMR Centrifugal Mud Pump



Manufacturer & Suppliers Of
DTH Hammers & Bits
3.5" to 20"
All Sizes Are Available

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"Product Improvement is a continuing goal at MMR.
Design and specifications are subject to change without notice or obligation.

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