



An ISO 9001 : 2015 Certified Company

KGR - EM 40

EXCAVATOR MOUNTED BLAST HOLE DRILL RIG

Drilling Diameter : 102 mm to 204 mm

Drilling Depth : 40 mtrs. (120 Feet)



Ultimate Solution for Your Drilling

KGR EXCAVATOR MOUNTED BLAST HOLE DRILL RIG.

TECHNICAL SPECIFICATIONS

Description	KGR-EM40
Drilling diameter	DIA 102 to 203 mm (4" to 8")
Drilling Depth	40 Mtrs (120 Ft)
Drilling rod size	Dia 115 mm (4 ½") x 6 Mtrs (20 feet) Dia 115 mm (4 ½") x 9 Mtrs (30 feet) (Optional)
Mounting /carrier	TATA HITACHI EXCAVATOR MODELS EX 200 / EX 210 LC (AC Cabin) / Equivalent
Type Of Drill Rig	DTH Top Head Drive Blast Hole Drill
Advantages	Rig with on board compressor, Easy to operate and easy to maintain
Application	Coal Mines, Cement Mines, Ore Extraction Construction works, Canal works and Solar projects etc.
FEED SYSTEM	
Pull Back / Pull Down	4700 Kgf / 2400 Kgf (10240 / 5230 Lbs)
Hoisting speed (UP)	30 Mtrs/ Min
Reeving Ratio	1 : 3
Mast Assembly	Sturdy Structural channel construction
Mast tilting Arrangement	Heavy duty tilting bracket with hydraulic cylinder for raising and lowering the Mast Assembly
Rotary Head Assembly	Fabricated Steel Body
Rotation Torque	215 Kg-m
Rotation Speed	0-100 Rpm
Hydraulic Control Panel.	By joy stick valves, and D.C valves on control panel located inside the cabin for Drillers convenience.
WATER INJECTION PUMP	
Max. Flow	56 Lts / Min
Dust Collector	Optional
Air Compressor Model/make	PG 550S-200 (550 cfm-200 psi)ELGI / Atlas copco /Equivalent
Optional Air Compressor Model	PG 1000S-275 1000 Cfm; 275 psi ELGI /Atlas Copco/Equivalent
Machine Overall Dimensions	
Length x Width x Height	15000 MM x 3100 mmx 4300 mm max. (for 20 feet rod handling) 16500 MM x 3100 mmx 4300 mm max. (for 30 feet rod handling)



DUST COLLECTOR



ROTARY HEAD ASSEMBLY



CONTROL PANEL



CENTRALIZER



MAST TILTING ARRANGEMENT



KGR RIGS & MINING EQUIPMENT

An ISO 9001 : 2015 Certified Company

Factory : Plot No. 205/8 & 205/9, IDA Phase II, Cherlapally,
Hyderabad - 500051, Telangana India

Mobile : +91 98480 22014, +91 93471 43444

Email : info@kgrrigs.com, govind@kgrrigs.com, sales@kgrrigs.com

www.kgrrigs.com



MAST TILTING ARRANGEMENT

Note : Due to continuous development all the above specifications are subject to change.