

KGR RIGS

TECHNICAL SPECIFICATION

DESCRIPTION	KGR 1000R	KGR 1500R	KGR 2000R
Drilling Diameter	6.0" – 8.0" (152mm – 203mm)	6.0" – 12" (165mm – 305mm)	8" – 17" (203mm – 432mm)
Drilling Depth	1000 Feet (305Mtrs)	1500 Feet (457Mtrs)	2000 Feet (610 Mtrs)
Application	Water Well Drilling	Water Well Drilling	Water Well Drilling
Formation / Strata	Soft / Medium / Hard	Soft / Medium / Hard	Soft / Medium / Hard
PRIME MOVER OF Hydraulic Power Pack	Truck Mounted Rig with Power from TRUCK ENGINE/ DECK ENGINE	Truck Mounted Rig Power from DECK ENGINE	Truck Mounted Rig Power from DECK ENGINE
CARRIER / MOUNTING	Truck for Mounting of Rig & Air Compressor	Truck for Mounting of Rig & Air Compressor	Separate Truck for Mounting of Rig & Air Compressor
COMPRESSOR	Suitable Compressor ELGI / ATLAS COPCO / IR	Suitable Compressor ELGI / ATLAS COPCO / IR	Suitable Compressor ELGI / ATLAS COPCO / IR
Maximum Operating Pressure	220 Kg/Cm2	240 Kg/Cm2	210 Kg/Cm2
Hydraulic Oil Tank Capacity	650Ltrs	700 Ltrs	800 Ltrs
MAST Capacity (WT)	18 Tons	27 Tons	40 Tons
MAST Capacity (Rod Handling)	20 Feet (6 Mtrs)	20 Feet (6 Mtrs)	20 Feet (6 Mtrs)
MAST Height	8.8 Mtrs	9.0 Mtrs	9.0 Mtrs
MAST Construction	Sturdy Structural Channel	Sturdy Structural Channel	Sturdy Structural Tube
Centralizer Opening	10 5/8" (270mm)	12" (304mm)	14" (355.6mm)
Pull Up Speed	42 Mtr/Min	30 Mtr/Min	20 Mtr/Min
Pull Up Force	8590 Kgfm	14070 Kgfm	20940 Kgfm
Pull Down Force	5890 Kgfm	7420 Kgfm	10680 Kgfm
ROTATION SPEED	0-100	0-100	0-100
Rotary Head TORQUE	245 Kgm	350 Kgm	490 Kgm
Hydraulic JACKS	100 X 63 X 610 Stroke	125 X 70 X 610 Stroke	125 X 70 X 610 Stroke
Options: Box Type Jack	100 X 63 X 800 Stroke	100 X 63 X 800 Stroke	100 X 63 X 800 Stroke
Break Out wrench (To Open Drill Rod)	80 X 40 X 300 Stroke	80 X 40 X 300 Stroke	100 X 50 X 300 Stroke
WATER INJECTION PUMP	50 Lpm	80 Lpm	55 Lpm
ROD CHANGER	Manual Operated Rod Changer	Manual Operated Rod Changer	Manual Operated Rod Changer
MUD PUM (LINER SIZE x STROKE)	5"x4 1/2"	8" x 6"	8" x 71/2"
MUD PUMP MAX. DISPLACEMENT	1021 Lpm	1300 Lpm	1995Lpm

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



KGR RIGS

An ISO 9001:2008 Certified Company

Factory: Plot No. 4, CFC Area Phase-II, IDA, Cherlapally, Hyderabad - 500 051. Telangana, India.

Mobile : +91 9848022014, +91 9347143444, Tele Fax: +91 40 27260508

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

Website : www.kgrrigs.com



An ISO 9001:2008 Certified Company



KGR DTHR 1000R / 1500R / 2000R

Ultimate Solution for Your Drilling