

DESCRIPTION	KGR 1000	KGR 1500	KGR 2000
<b>Drilling Diameter</b>	6.0"-8.0" (152mm-203mm)	6"-8 1/2" (152mm-216mm)	6"-10" (152mm-254mm)
<b>Drilling Depth</b>	1000 Feet (305 Mtrs)	1500 Feet (457 Mtrs)	2000 Feet (610 Mtrs)
<b>Application</b>	Water Well Drilling	Water Well Drilling	Water Well Drilling
<b>Formation / Strata</b>	Soft / Medium / Hard	Soft / Medium / Hard	Soft / Medium / Hard
<b>PRIME MOVER OF Hydraulic Power Pack</b>	Truck Mounted Rig with Power from TRUCK ENGINE/ DECK ENGINE	Truck Mounted Rig with Power from TRUCK ENGINE/ DECK ENGINE	Truck Mounted Rig with Power from TRUCK ENGINE/ DECK ENGINE
<b>CARRIER / MOUNTING</b>	Truck for Mounting of Rig & Air Compressor	Truck for Mounting of Rig & Air Compressor	Separate Truck for Mounting of Rig & Air Compressor
<b>COMPRESSOR</b>	Suitable Compressor ELGI / ATLAS COPCO / IR	Suitable Compressor ELGI / ATLAS COPCO / IR	Suitable Compressor ELGI / ATLAS COPCO / IR
<b>Maximum Operating Pressure</b>	230 Kg/Cm2	230 Kg/Cm2	230 Kg/Cm2
<b>Hydraulic Oil Tank Capacity</b>	650 Ltrs	650 Ltrs	700 Ltrs
<b>MAST Capacity (WT)</b>	18 Tons	27 Tons	40 Tons
<b>MAST Capacity (Rod Handling)</b>	20 Feet (6.1 Mtrs)	20 Feet (6.1 Mtrs)	20 Feet (6.1 Mtrs)
<b>MAST Height</b>	9 Mtrs	9 Mtrs	9 Mtrs
<b>MAST Construction</b>	Sturdy Structural Channel	Sturdy Structural Channel	Sturdy Structural Channel/ Tubular
<b>Centralizer Opening</b>	10 5/8" (270mm)	12" (304mm)	14" (355.6mm)
<b>Pull Up Speed</b>	42 Mtrs/Min	35 Mtrs/Min	20 Mtrs/Min
<b>Pull Down Speed</b>	50 Mtrs/Min	40 Mtrs/Min	30 Mtrs/Min
<b>Pull Up Force</b>	8590 Kgfm	14070 Kgfm	20940 Kgfm
<b>Pull Down Force</b>	5890 Kgfm	7420 Kgfm	10680 Kgfm
<b>ROTATION SPEED</b>	0-90	0-120	0-120
<b>Rotary Head TORQUE</b>	245 Kgm	245 Kgm	490 Kgm
<b>Hydraulic JACKS Options: box Type Jack</b>	100 X 63 X 610 Stroke 100 X 63 X 800 Stroke	125 X 70 X 610 Stroke 100 X 63 X 800 Stroke	125 X 70 X 610 Stroke 100 X 63 X 800 Stroke
<b>Break Out wrench (To Open Drill Rod)</b>	80 X 40 X300 Stroke	80 X 40 X 300 Stroke	100 X 50 X 300 Stroke
<b>WATER INJECTION PUMP</b>	50 Lpm	80 Lpm	80 Lpm
<b>ROD CHANGER</b>	Manually Operated Single Rod Changer	Manually Operated Single Rod Changer	Manually Operated Single Rod Changer

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



**KGR RIGS**

An ISO 9001:2008 Certified Company

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# **KGR DTH 1000 / 1500 / 2000**

*Ultimate Solution for Your Drilling*