

RE GOLD

Revathi Re-Gold Model drill is a truck mounted, hydraulically operated , Self contained water well drilling rig with following specifications :

Drilling Capacity		
Hole Size		
DTH Drilling	152 to 165 mm	6" to 6 1/2"
Rotary Drilling	203 to 216 mm	8" to 8 1/2"
Drilling Depth		
DTH Drilling	381 mtrs.	1250 ft.
Rotary Drilling	60 mtrs.	200 ft.
Mounting	Single truck carrier (6 x 4)	
Mast		
Construction	Heavy duty structural steel lattice	
Drill Pipe Length	4.9 m	16 ft
Feed		
Feed System	Single hydraulic cylinder with wire rope.	
Pull down	6,000 Kgs	13,200 Lbs
Pull Up	11,000 Kgs	24,200 Lbs
Rotary Head		
System	Single hydraulic motor thru gearbox	
Torque	310 Kg.m	27,000 Lb.inch
Speed	0 – 150 RPM	
Air Compressor		
Type	Two stage oil flooded screw type	
Capacity	34 m ³ /min	1,200 cfm
Pressure	23 kg/cm ²	325 psi
Power Unit		
Prime Mover	Truck engine through power take off.	
Leveling Jacks		
Rear End	Two Nos.	
Front End	Two Nos.	
Water Injection	Water / Foam triplex injection pump, hydraulic motor driven.	
Drill Pipe handling		
Pipe Loader	Automatic drill pipe handling system and Two pipe racks to hold 35 pipes on drilling rig.	
Pipe dia	114 mm	4 1/2"
Pipe Length	4.9 mtrs.	16 ft
Controls	Compact control console grouping the controls within easy reach of operator.	
Optional Equipment	Mud Pump / Hydraulic Welder / Jib Swing / Lighting Generator.	

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