

T700WH

Revathi T700WH Model drill is a truck mounted, hydraulically operated water well drilling rig with following specifications :

Drilling Capacity		
Hole Size (DTH / Rotary)	203 to 311 mm	8" to 12 1/4"
Drilling Depth	500 mtrs.	1650 ft.
Mounting		
Two truck carriers (6 x 4)		
Mast		
Construction	Heavy duty structural steel lattice box type	
Drill Pipe Length	6.10 mtrs.	20 ft
Feed		
Feed System	Twin chain with twin cylinder pull down	
Pull down	15,000 Kgs	33,000 Lbs
Pull Up	31,800 Kgs	70,000 Lbs
Rotary Head		
System	Hydraulic motors thru gearbox	
Torque	1521 Kg.m	1,32,000 Lb.inch
Speed	0 – 100 RPM	
Air Compressor		
(on 2 nd truck)		
Type	Two stage oil flooded screw type	
Capacity	32 m ³ /min	1150 cfm
Pressure	35 kg/cm ²	500 psi
Power Unit		
Prime Mover	Deck mounted diesel engine.	
Leveling Jacks		
Rear End	Two Nos.	
Front End	Two Nos.	
Water Injection		
Hydraulic motor driven		
Capacity	30 / 60 LPM	8 / 16 US GPM
Drill Pipe handling		
Pipe Loader	Three or six pipes	
Pipe dia	114 mm	4 1/2"
Pipe Length	6.10 mtrs.	20 ft
Controls		
Compact control console grouping the controls within easy reach of operator.		
Optional Equipment		
Mud Pump on (2 nd truck) / Hydraulic Welder / Casing Winch etc.		

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