

C1618

Revathi C1618 Model drill is a crawler mounted, multi pass, hydraulically operated, rugged, Rotary / DTH blast hole drilling rig with following specifications :

Drilling Capacity		
Hole Size		
Rotary Drilling	152 to 200 mm	6" to 7 7/8"
DTH Drilling	152 to 178 mm	6" to 7"
Drilling Depth	45 mtrs.	150 ft.
Crawler		
Drive	Hydraulic motor thru gearbox	
Gradability	25%	
Mast		
Construction	Heavy duty structural steel lattice box type	
Drill Pipe Length	7.62 / 9.1 mtrs.	25 / 30 ft
Feed		
Feed System	Twin chain with twin cylinder pull down	
Pull down	18,000 Kgs	40,000 Lbs
Pull Up	12,700 Kgs	28,000 Lbs
Rotary Head		
System	Twin hydraulic motors thru gearbox	
Torque	898 / 979 Kg.m	78,000 / 85,000 Lb.inch
Speed	0 – 150 / 0 – 125 RPM	
Air Compressor		
Type	Single or two stage oil flooded screw type	
Capacity	28 to 32 m ³ /min	1,000 to 1,150 cfm
Pressure	9 to 24 kg/cm ²	125 to 350 psi
Power Unit		
Prime Mover	Diesel engine or Electric motor driving both compressor and hydraulics.	
Leveling Jacks		
Rear End	Two Nos. (Drilling End)	
Front End	One No.	
Drill Pipe handling		
Pipe Loader	Four / Five / Six rods	
Pipe dia	127 to 152 mm	5" to 6"
Pipe Length	7.62 to 9.1 mtrs.	25 to 30 ft
Dust Control		
Non-Visible Emission (NVE) dust control system (OR) Dry type twin cyclone dust control system (OR / AND) Wet type water Injection or Spraying system.		
Cabin		
Controls	72" wider, sound suppressed cabin. Electric Joystick type, centralised for single man operation	

Optional Equipment

Angle hole drilling kit / Auto Indexing / Hydraulic Winch /
Centralised Lubrication System / Fire detection & Suppression /
Cabin AC / Electronic Depth Counter / Shock sub / Rotary Table
Bushing.

[REL reserves the right to amend designs and specifications at any time without prior notice.](#)