

C750

Revathi C750D/E Model drill is a crawler mounted, multi pass, hydraulically operated, rugged, reliable rotary blast hole drilling rig with following specifications :

Drilling Capacity		
Hole Size	250 to 270 mm	9 7/8" to 10 5/8"
Drilling Depth	42 mtrs.	140 ft.
Crawler		
Drive	Hydraulic motor thru gearbox / thru chain drive	
Gradability	25%	
Mast		
Construction	Heavy duty structural steel lattice box type	
Drill Pipe Length	7.62 / 10.67 mtrs.	25 / 35 ft
Feed		
Feed System	Twin chain with twin cylinder pull down	
Pull down	31,800 Kgs	70,000 Lbs
Pull Up	15,000 Kgs	33,000 Lbs
Rotary Head		
System	Twin hydraulic motors thru gearbox	
Torque	1152 Kg.m	1,00,000 Lb.inch
Speed	0 – 90 RPM	
Air Compressor		
Type	Single stage oil flooded screw type	
Capacity	28 to 40 m ³ /min	1,000 to 1,400 cfm
Pressure	7 kg/cm ²	100 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	Three / Four rods	
Pipe dia	203 to 219 mm	8" to 8 5/8"
Dust Control		
	Dry type twin cyclone dust control system (OR) Non-Visible Emission (NVE) dust control system (OR / AND) Wet type water Spraying system.	
Cabin		
	60" wider, sound suppressed cabin.	

Controls	Centralised for single man operation
Optional Equipment	Higher drilling depth capacity / Angle hole drilling kit / Auto Indexing / Hydraulic Winch / Centralised Lubrication System / Fire detection & Suppression / Cabin AC / Electronic Depth Counter / Shock sub / Rotary Table Bushing / Auto breakout system.

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