

**C850**

Revathi C850E Model drill is a crawler mounted, multi pass, hydraulically operated, rugged, reliable rotary blast hole drilling rig with following specifications :

<b>Drilling Capacity</b>		
Hole Size	311 – 349 mm	12 1/4” – 13 3/4”
Drilling Depth	60 mtrs.	200 ft.
<b>Crawler</b>		
Drive	Hydraulic motor thru gearbox	
Gradability	25%	
<b>Mast</b>		
Construction	Heavy duty structural steel lattice box type	
Drill Pipe Length	15.24 mtrs.	50 ft
<b>Feed</b>		
Feed System	Twin chain with twin motor pull down	
Pull down / Up	45,000 Kgs	99,000 Lbs
<b>Rotary Head</b>		
System	Twin hydraulic motors thru gearbox	
Torque	1,330 Kg.m	1,15,400 Lb.inch
Speed	0 – 100 RPM	
<b>Air Compressor</b>		
Type	Single stage oil flooded screw type	
Capacity	45 / 70 m <sup>3</sup> /min	1,600 / 2,500 cfm
Pressure	7 kg/cm <sup>2</sup>	100 psi
<b>Power Unit</b>		
Prime Mover	Electric motor or diesel engine driving both compressor and hydraulics.	
<b>Leveling Jacks</b>		
Rear End	Two Nos.	
Front End	Two Nos.	
<b>Drill Pipe handling</b>		
Pipe Loader	Three / Four rods	
Pipe dia	273 / 260 mm	10 3/4” / 10 1/4”
<b>Dust Control</b>		
Dry type twin cyclone dust control system (OR) Non-Visible Emission (NVE) dust control system (OR / AND) Wet type water Spraying system.		
<b>Cabin</b>		
Located inside the wider, sound suppressed cabin.		
Controls	Centralised joystick controls for single man operation	
<b>Optional Equipment</b>		
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.		

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