

C60H

Revathi C60H Model drill is a crawler mounted, multi pass, hydraulically operated DTH blast hole drilling rig with following specifications :

Drilling Capacity		
Hole Size (DTH or Rotary)	114 to 165 mm.	4 1/2" to 6 1/2" dia
Drilling Depth	18 mtrs.	60 ft
Crawler		
Tramming Gradability	Hydraulic motor thru chain drive / thru gearbox 25%	
Mast		
Construction	Heavy Duty Structural Steel	
Drill Rod Length	4.57 / 6.10 mtrs	15 / 20 ft
Feed		
Feed System	Hydraulic Cylinder and chain Pull Down	
Pull down force	6,350 Kgs	14,000 Lbs
Pull Up force	4,530 Kgs	10,000 Lbs
Rotary Head		
System	Single or twin hydraulic motors	
Torque	195 / 345 Kg.m	17,000 / 30,000 Lb.inches
Speed	0 - 50 / 100 RPM	
Air Compressor		
Type	Single stage oil flooded screw type	
Capacity	8.5 to 15 m ³ /min	300 to 550 cfm
Pressure	10.5 (or) 14 kg/cm ²	150 (or) 200 psi
Power Unit		
Prime Mover	Diesel Engine driving both compressor hydraulics.	
Leveling Jacks		
Rear End	Two Nos. (Drilling End)	
Front End	One No.	
Dust Control		
Dry type Twin cyclone dust control system (OR) Non-Visible Emission (NVE) dust control system (OR / AND) Wet type water injection system available.		
Drill Pipe handling		
Type	Single / three pipes	
Pipe dia	76.2mm or 114 mm	3" or 4 1/2"
Pipe Length	4.57 / 6.10 mtrs	15 / 20 ft
Cabin		
Controls	30" wider, sound suppressed cabin. Centralised for single man operation	

Optional Equipment

Higher drilling capacity
Angle hole drilling kit
Hydraulic Winch
Centralised Lubrication System
Cabin AC
Fire detection and suppression system

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