

**C625H**

Revathi C625H is a hydraulic, crawler mounted Down the hole drilling rig, meeting most versatile requirement in mining and quarrying applications.

<b>Drilling Capacity</b>		
Hole Size	127 to 178 mm	5 to 7 inch.
Pipe Length	6.10 mtrs.	20 ft
Drilling Depth	42 mtrs.	138 ft.
<b>Crawler</b>		
Drive	Hydraulic motor thru gearbox	
Gradability	18°	33%
Propel Speed	3.5 Kmph	2.2 Mph
Tractive Effort	16, 400 Kgs	36,170 Lbs
Track Oscillation	10° Forward / 8° Backward	
Ground Clearance	405 mm	16 inch.
<b>Feed</b>		
Length	11.6 mtrs	38 ft.
Head Travel	6.76 mtrs.	22 ft, 2 inch.
Feed Extension	1.15 mtrs.	3 ft, 9 inch.
Feed Rate	51 m/min.	168 ft/min.
Pulldown Force	4,070 Kgs.	9.000 Lbs.
<b>Rotary Head</b>		
Torque	315 Kg.m	27,400 Lb.in
Speed	0 – 80 RPM	
<b>Air Compressor</b>		
Type	Two stage oil flooded screw type	
Capacity	25.5 / 32.5 m <sup>3</sup> /min	900/ 1150 cfm
Pressure	24 kg/cm <sup>2</sup>	350 psi
<b>Power Unit</b>		
Prime Mover	Diesel engine driving both screw compressor and hydraulics.	
<b>Drill Pipe handling</b>		
Pipe dia	89 to 114 mm	3 1/2" to 4 1/2"
<b>Cabin</b>		
Controls	FOPS certified and sound suppressed cabin. Centralized joystick controls for single man operation.	
<b>Optional Equipment</b>		
Air conditioner, Centralised Lubrication System, Hole Inclinometer, Electronic Depth Counter, Fast fuelling system, Hyd Winch, Shock Sub, Automatic Fire Detection and suppression system, Dry type NVE dust collector system, Water injection system, Gradient meter, Drill monitoring system, Auto thread grease arrangement, clutch for compressor.		

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