

HHT Drill

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

Hole size	152 to 171 mm by DTH	6" to 6 3/4" by DTH
Feed	Wire rope, hydraulic cylinder	
Pull down	7,127 kgf	15,700 lbs
Rotation	Spur gear box and hydraulic motors	
Rotation head output torque	674 Kg.m	58,400 Lb.inches
Rotary head output speed	0 - 45 rpm	
Prime mover for hydraulics	Diesel engine	
Drill mast boom		
Drill mast	Welded steel channel - mast for infinite angle by hydraulic cylinders.	
Under carriage		
Track drive	By gearbox and hydraulic motor	
Brakes	Provided	
Tow bar	Provided	
Grouser width	350 mm Triple grouser pad	14"
Tramming speed	2.4 / 1.1 KMPH - (High / Low)	1.49 / 0.68 MPH (High / Low)
Drill pipe	102 mm OD x 3.66 mtrs.	4"OD x 12 ft long
Rod changer	6 rods, manual	
Compressor (on a trailer)		
Capacity	31 m ³ / Min	1100 cfm
Pressure	24 Kg/lm ²	350 psi
Optional Equipment		
Water injection system	Hydraulic motor driven Water pump – 9 LPM	2.4 GPM

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