

LHT Drill

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

Hole size	102 to 114 mm by DTH	4" to 4 1/2" by DTH
Feed	Hydraulic motor thru gearbox and chain drive	
Pull down	1,360 kgf	3,000 lbs
Rotation	Spur gearbox and hydraulic motor	
Rotation torque	110 Kg.m	9,500 Lb.inches
Rotary speed	0 - 60 RPM	
Prime mover for hydraulics	Diesel engine 50 HP @ 2000 RPM	37 KW @ 2000 RPM
Drill guide boom		
Drill guide	Welded rolled steel channel	
Horizontal boom swing	45° on either side (right and left)	
Boom lift above horizontal	45°	
Boom lift below horizontal	30°	
Drill guide extension	750 mm	29.5"
Drill guide swing	90°	
Drill guide dump	90°	
Under carriage		
Track drive	By gearbox and hydraulic motor	
Brakes	Provided	
Tow bar	Provided	
Ground clearance	200 mm	7 7/8"
Grouser width	200 mm, Single grouser	7 7/8"
Track oscillation	± 10°	
Tramming speed	2 KMPH	1.24 MPH
Drill pipe	76 mm OD x 3 mtr.	3" O.D X 10 ft long
Rod changer	2 rods, manual	
Compressor (on a trailer)		
Capacity	9.91 m ³ /min	350 cfm
Pressure	14 kg/cm ²	200 psi
Optional Equipment		
Water injection system	Hydraulic motor driven Water pump - 8 LPM	2 GPM

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