C60H

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

Hole Size (DTH or Rotary)	Drilling Capacity		
DTH or Rotary Drilling Depth			4.4/011 0.4/011 . !!
Crawler Hydraulic motor thru chain drive / thru gearbox Tramming Gradability 25% Mast		114 to 165 mm.	4 1/2" to 6 1/2" dia
Mast	Drilling Depth	18 mtrs.	60 ft
Mast Construction Heavy Duty Structural Steel Drill Rod Length 4.57 / 6.10 mtrs 15 / 20 ft Feed Hydraulic Cylinder and chain Pull Down 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 m³/min 300 to 550 cfm Pressure 10.5 (or) 14 kg/cm² 150 (or) 200 psi Power Unit 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 / AND) Wet type water injection system available. Drill Pipe handling Type Type Single / three pipes Pipe dia 76.2mm or 114 mm 3" or 4 1/2"	Crawler	Hydraulic motor thru chain drive / thru gearbox	
Construction Heavy Duty Structural Steel Drill Rod Length 4.57 / 6.10 mtrs 15 / 20 ft Feed Feed Hydraulic Cylinder and chain Pull Down Feed System Hydraulic Cylinder and chain Pull Down Pull down force 6,350 Kgs 14,000 Lbs Rotary Head 10,000 Lbs 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 m³/min 300 to 550 cfm Pressure 10.5 (or) 14 kg/cm² 150 (or) 200 psi Power Unit 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 / 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	Tramming Gradability	25%	
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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 m³/min 300 to 550 cfm Pressure 10.5 (or) 14 kg/cm² 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	Pull down force	6,350 Kgs	14,000 Lbs
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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	Capacity	8.5 to 15 m³/min	300 to 550 cfm
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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 30" wider, sound suppressed cabin.	Prime Mover	Diesel Engine driving both compressor hydraulics.	
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Pipe Length 4.57 / 6.10 mtrs 15 / 20 ft Cabin 30" wider, sound suppressed cabin.	Туре	Single / three pipes	
Cabin 30" wider, sound suppressed cabin.	Pipe dia	76.2mm or 114 mm	3" or 4 1/2"
	Pipe Length	4.57 / 6.10 mtrs	15 / 20 ft
Controls Centralised for single man operation	Cabin	30" wider, sound suppressed cabin.	
	Controls	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.