

**CL351 high pressure drill is most suitable for rocks hardness  $f = 6 - 20$ , with drill teeth of 105mm – 165mm diameter detonated hole.**

**By using DHD type series machine, it can travel on medium hard rock at 20 – 30m/h. Most used for road construction, rock and field mining, hydroelectric engineering hole detonation and preparation drill work.**

**The ideal high efficiency drill unit.**

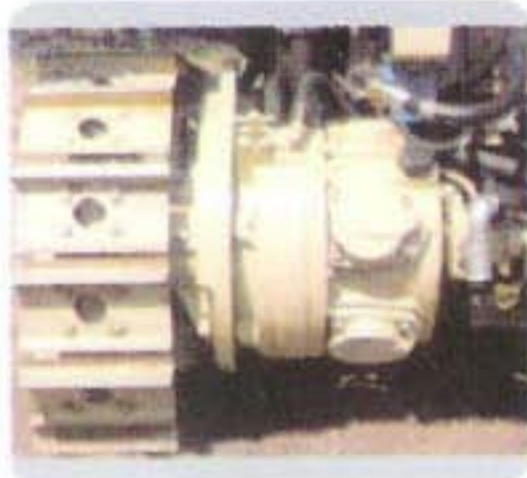
## CL351 Specification

Working Air pressure (MPa)	1.05 – 2.46	Drill Hole Diameter (mm)	105 – 165
Highest Drill Teeth Hole Level (m)	3.38	Max. Climbing Angle (°)	26
Single Penetration Depth (m)	3.66	Rotation Velocity (rpm)	0 – 72
Force (N)	13620	Vertical Angle Movement on Frame (°)	180
Mobile Motor Power (kW)	6.2 x 2	Horizontal Angle Movement on Drill Frame (°)	L: 50 R: 35
Penetrating Motor Power (kW)	3.36	Horizontal Angle Movement on Drill Arm (°)	L: 45 R: 45
Rotation Motor Power (kW)	18.34	Vertical Angle Movement on Drill Arm (°)	Up: 60 Down: 90
Torque (Nxm)	2510	Exterior Dimension (LxWxH) (mm)	2780 x 2213 x 1470
Total Mass (Kg)	5000	Air Consumption (m <sup>3</sup> /min)	7 – 21
Common Compatible Series	DHH340A DHD350C CIR110 CIR15R0 DHD360	Dust Removal Method	Wet or Dry method (Not INC.)



**OIL MIST SPRAYER**

THE OIL MIST SPRAYER SYSTEM PROVIDES LUBRICATION TO THE DRILLING ASSEMBLY, INCLUDES THE HOLE PUNCH, DRILL ROD, AND PARTS IN THE PNEUMATIC MOTOR. BY COMBINING PROPER LUBRICATION AND REGULAR MAINTENANCE WILL IMPROVE MACHINE EFFICIENCY AND MACHINE LIFE.



**MOBILE MOTOR AND TREAD**

EACH TREAD IS POWERED BY A SEPARATE PNEUMATIC MOTOR, TRANSMITTED BY AN ENCLOSED UNDER DRIVEN SYSTEM, DISC BRAKE WITH SPRING STOPPING GATE, AIR CLUTCH. EQUAL PERFORMANCE MOVING EITHER DIRECTION. WHEN COMBINED WITH AIR COMPRESSOR, MAXIMUM CLIMBING ANGLE IS 26°.



**THRUSTING MECHANISM**

BY USING TURBINE DECELERATOR AND PNEUMATIC MOTOR, IT ENSURE THE THRUSTING AND RAISING ABILITIES. A PNEUMATIC ROD TYPE MOTOR TRANSFER POWER THROUGH HEAVY DUTY CHAINS. IT CAN SUPPORT UP TO 13620N OF RAISING POWER AND ADJUSTABLE THRUSTING POWER.



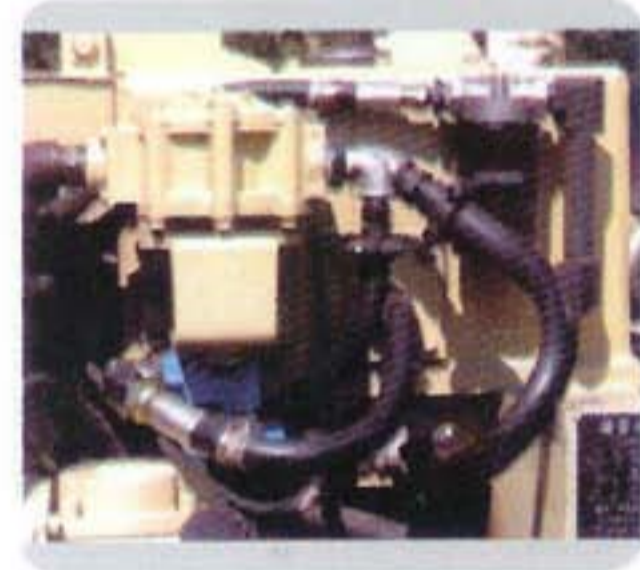
**CONTROL STATION**

THE CONTROL STATION IS LOCATED AT THE BACK OF THE MACHINE, THIS PROVIDES EASY OBSERVATION OF THE STATUS OF THE DRILL, WHICH MAKES CONTROLLING SAFER AND SIMPLER.



**TURNING HEAD**

TURNING DECELERATOR USES TWO STEP ORBIT DECELERATION. PROVIDES GREAT TORQUE. ROTATIONAL VELOCITY CAN BE ADJUSTABLE ACCORDING TO DIFFERENT SITUATION, VELOCITY BETWEEN 0-72RPM.



**HYDRAULIC PUMP STATION**

THE HEART OF THE PUMP STATION CONSIST OF A LEAP TYPE PNEUMATIC MOTOR AND HYDRAULIC PUMP, IT PROVIDES POWER TO ALL HYDRAULIC CYLINDER TO ENSURE THE EXACT PLACEMENT OF THE DRILL ARM.