

Pneumatic Slim Drill

Vikay Pneumatic Slim Drill for Marble and Granite Mines



Pneumatic Slim Drill is designed for Marble and Granite mines for drilling in Down-The-Hole Hammer drilling method, ideally for drilling lead holes matching for Diamond Wire Cutting.

This machine has the ability to drill hole diameter from 85 mm – 130 mm, upto 40 Meter length, in Vertical and Horizontal positions, and can be easily dismantled into Sub Assemblies, ensuring easy portability and repositioning, due to its light weight.

Salient Features

- Rotation Drive Unit – Powerful heavy duty Rotation Drive Unit Type BBR-4, fitted with 4 Cylinder Piston Type Air Motor with Planetary gear and reduction gear box.
- Feed Unit – 4 Cylinder Piston Motor with Worm reduction Gear Box.
- Controller - Gang Type Remote Control Panel with Pressure regulator controller and 3 Ltr capacity Oil Lubricator.
- A ball joint system is provided at the bottom of the Mast, to facilitate Precision alignment for matching holes.
- Cover Leveling Jack with re-usable Rock Bolt System and Heavy Duty Double C Class Channels, to maintain perfect rigidity during drilling.

Technical data

DTH Version (Down-The-Hole hammer)

Rotation Drive Unit	Type BBR-4, Thread - API 2 3/8"
Hole Diameter	85 - 130 mm
Drill Tube Diameter	60, 76 mm
Drill Tube Length	1.20 Meter
Operating Pressure	10.5 Bar Max.
Maximum Torque	900 Nm
Air consumption	450 cfm @ 10.5 Bar

Feed and boom

Feed type	Chain drive
Feed length, total	2.5 Meter
Travel length	1.5 Meter
Feed force	8 kN
Suitable Hammer	3", 4" Hammer
Controller	Gang Type Remote Control Panel
Ground Clearance	3" with 4" hammer 3.5" with 3" hammer
Universal Positioning	By Ball Joint System

Dimensions

Weight	750 kgs
Length, transport position	3,226 mm
Width	812 mm
Height	1,016 mm

