

## Crawler Drilling Rig (TH and DTH Version)

Vikay Pneumatic Crawler Drill for Open-Pit Mines and Quarries



Pneumatic Crawler Drill available in TH – Top Hammer and DTH – Down-the-hole version, is compact solution, the one-man operated drilling rig with its versatility rugged construction and superior technical features.

It is ideal for Blast Hole production drilling in quarries or Surface Mining or construction works. While the Hydraulic traction motor and oscillation system, provides excellent manoeuvrability in toughest terrain. The compact design enables you to carry the rig on truck over the longest distance between the site works.

### TH version (Top Hammer)

The TH version is equipped with the robust Pneumatic Top Hammer with rifle bar rotation model VK-12 Pneumatic Drifter, well known for its simplicity and reliability. Suitable for hole sizes from 48 – 76 mm and depth upto 20 – 40 Meters.

### DTH version (Down-the-hole Hammer)

The DTH Version is fitted with powerful piston type rotation Air motor, Type BBR-4, suitable for Pneumatic 3” and 4” DTH Hammers. Offering a wide selection of drill hole sizes from 85 to 130 mm, and depth upto 40 Meters, which is ideal for bench drilling, anchor drilling, grout hole drilling, etc.

### Technical data

#### TH Version (Top hammer)

Pneumatic Drifter	VK - 12
Hole Diameter	48 - 76 mm
Drill Steel	R32, R38, T38
Drill Steel Length	3.05 - 3.66 Meter
Air consumption	400 cfm @ 7 Bar

#### 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	70 / 76 mm
Drill Tube Length	3 Meters
Max. Operating Pressure	12 Bar
Maximum Torque	900 Nm
Air consumption	450 cfm @ 10.5 Bar
Suitable Hammer	3", 4" Hammer

#### Feed Details

Feed Length	5430 mm
Travelling Length	
- Drill tube	3740 mm
- Feed Beam	900 mm
Feed Force	8 kN

#### Carrier

Travelling Speed	2.5 km/h max.
Travelling Force	18 kN max.
Hill Climbing Ability	30° max.
Track Oscillation	± 12°
Ground Clearance	295 mm

#### Dimension

Length	5430 mm
Width	1950 mm
Height	
- Feed Up	2680 mm
- Feed Down	1600 mm
Weight	2850 Kgs



Since Approvement are made from time to time , the illustration and specifications are subject to change without notice.