

Wagon Drill (TH and DTH Version)

Vikay Pneumatic Wagon Drill Suitable for Top Hammer and Down the Hole drilling



A robust rubber tyre three wheel pneumatic Wagon Drill, with the option of TH version - Top Hammer and DTH Version - Down-the-hole Hammer, which is an alternative to mechanization of hand held drilling.

The Wagon Drill design for production drilling in open-cast mines and quarry, grouting, anchoring with special shortened mast, used for production drilling in underground mines.

Optional - Conversion Kit to convert TH version to DTH Version and Vice-versa. Drilling Range 48 mm to 155 mm

TH version (Top Hammer)

The TH version of 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.

Salient Features

Hydraulic Hand pump for Boom Lift, Mechanical Jack, Pneumatic Power Steering with Tow Bar for Tramming and easy to shift from hole to hole, available in different lengths of Feed Beam viz:

Open Cast Mines

 5.1 Meter long

 Sand & Lime stone mines

 4.2 Meter long

 Underground Mines

 2.5 Meter long

Technical data

TH Version (Top hammer)

Pneumatic Drifter VK - 12
Hole Diameter 48-76 mm
Drill Steel R32, R38, T38

Drill Steel Length 1.20 Meter, 2.50 Meter, 3 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 1.20 Meter, 2.50 Meter, 3 Meter

Operating Pressure 12 Bar Max.

Maximum Torque 900 Nm

Air consumption 450 cfm @ 10.5 Bar

Suitable Hammer 3", 4" Hammer

Feed and boom

Feed type Chain drive

Feed length, total 5,430 mm, 4425 mm, 2825 mm

Travel length 3,940 mm, 2200 mm, 1500 mm

Feed force 8 kN 1,800 lbf

Boom type Single section Hand Operated Hyd. Cylinder

Drill control panel Side mounted

Carrier

Traction type Pneumatic wheel drive

Tramming speed 2 km/h Max. 1.3 mph
Traction force 7.8 kN Max. 1,750 lbf

Hill climbing ability 20 degrees

Track oscillation N/A

Ground clearance 310 mm 1 feet

Transport dimensions

Weight	1,340 kg	2,948 lb
Transport position		
- Length	5,430 mm	17' 9"
- Width	2,100 mm	6' 10"
- Height	1.600 mm	5' 3"

TH Version

DTH Version



