

# 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 R32, R38, T38 **Drill Steel** 

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

Air Consumption 400 cfm @ 7 Bar DTH Version (Down-The-Hole hammer)

Type BBR-4, Thread - API 2 3/8" Rotation Drive Unit

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

450 cfm @ 10.5 Bar Air consumption 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 1.800 lbf Feed force Single section Hand Operated Hyd. Cylinder Boom type

Drill control panel Side mounted

Carrier

Traction type Pneumatic wheel drive

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

Hill climbing ability 20 degrees

Track oscillation N/A

1 feet 310 mm Ground clearance

**Transport dimensions** 

Weight 1,340 kg Transport position 5.430 mm 17' 9" - Length 2,100 mm 6' 10" - Width - Height 1,600 mm 5' 3"

2,948 lb

