

## Wagon Drill (TH and DTH Version)

Wagon drill is designed for Open Cast Mines, Sand and Lime Stone Mines & Underground Mines, which is the alternative to mechanization of Hand-Held Drilling, and is design to work on **Top Hammer** and the **Down-the-Hole hammer** drilling method & can easily convert the drilling method from top hammer to down-the-hole and vice versa.



### 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 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 Trimming and easy to shift from hole to hole, available in different lengths of Feed Beam viz :

- ▶ Open Cast Mines – 5.1 Mtr long
- ▶ Sand & Lime stone mines – 4.2 Mtr long
- ▶ Underground Mines – 2.5 Mtr long

### Technical Details

TH Version (Top hammer)	
Pneumatic drifter	VK – 12
Hole Diameter	48-76 mm
Drill Steel	R32, R38, T38
Drill Steel Length	1.20 Mtr, 2.50 Mtr, 3 Mtr
Air consumption	400 CFM @ 6 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 / 89 mm
Drill Tube Length	1.20 Mtr, 2.50 Mtr, 3 Mtr
Max. Operating Pressure	12 Bar
Maximum Torque	900 Nm
Air consumption	325 CFM @ 10 Bar
Suitable Hammer	Cop 32, Cop 34 / 34 Q, Cop 44 / 44 Q
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
Drill control panel	Side mounted
Carrier	
Traction type	Pneumatic wheel drive
Tramming speed, max	2 km/h (1.3 mph)
Traction force, max	7.8 kN (1,750 lbf)
Hill climbing ability1)	20 degrees
Track oscillation	N/A
Ground clearance	310 mm (1")
Transport dimensions	
Weight	1,340 kg (2,948 lb)
Length, transport position	5,430 mm (17' 9")
Width	2,100 mm (6' 10")
Height	1,600 mm (5' 3")

