

VGI

DTH Drill Rigs



Note :
Due to keeping innovation,
the specification and
Machine pictures or color
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A down-the-hole drill, usually called DTH by most professionals, is basically a jackhammer screwed on the bottom of a drill string. The fast hammer action breaks hard rock into small cuttings and dust that are evacuated by a fluid (air, water or drilling mud).

WHAT IS DTH DRILLING?

Down-the-hole drilling (DTH) essentially involves a drilling hammer at the bottom of a drill string. It relies on three elements for drilling holes: bit loading (weight), rotation and air. These active elements combine to be efficient at crushing rock. As the drill string slowly rotates, the drilling hammer is forced into the rock repeatedly. Striking power is provided by compressed air driving a piston inside the hammer

PT. Valtekindo Global Intertek

Technical Specification

Item	JS 300
Applicable Industries	Construction works , Energy & Mining
Drill rod diameter	89/102mm
Drill rod length	1.5, 2,3m
Max drilling depth	300m
Type	Rotary Drilling Rig
Power Type	Diesel
Usage	Water Well
Dimension (LxWxH)	4100x1950x2600mm
Weight	7 Tons
Mobility	Yes
Name	Mine Drilling Rig
Hole diameter	140-325mm
Drill rod diameter	76-89-102mm
Diesel engine	76kW
Emission levels	Euro three (Based on customer request)
Air pressure	1.7-3.0 Bar
Max speed	2.5km/h
Maximum driving force	18kN