

Hydraulic Exploration Drill Rig

This hydraulic exploration drill rig is designed for geological exploration and sampling. It features hydraulic transmission and components.



Product Overview

Hydraulic Exploration Drill Rig

The DSHY-30 is a portable hydraulic exploration drill rig engineered specifically for mountainous and challenging terrain. Designed to optimize explosive drilling, it supports versatile methods including DTH drilling for hard rock, as well as basket bit or auger boring for soil. Combining a robust hydraulic system with a compact, transportable frame, this rig delivers reliable performance for geological exploration and sampling applications.

Drilling Performance

Drilling Capacity

75 mm

Hole Diameter

30 m

Hole Depth

Drilling Methods

Air DTH, Basket Bit, Auger Boring

Technical Specifications

Mechanical Details

Parameter	Value
Max Torque	700 N.m
Rated Speed	53 r/min
Stroke	1700 mm
Max Pull/Push Force	12 KN
Feed/Hoisting Speed	0 – 0.254 m/s

Power and Hydraulics

Hydraulic System Pressure	18 Mpa
Power Unit	EM195AN-1 Diesel Motor
Rated Power	8.46 KW

Physical Dimensions

Dimensions (L×W×H)	1740 × 1315 × 2820 mm
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