

Hydraulic Face Drilling Rig

This hydraulic face drilling rig features a specialized heavy-duty design with double tripod suspension, ensuring accurate hydraulic parallel holding in all directions. Its rotary actuator, located in front of the boom, enables the feed mechanism to rotate ± 180 degrees.



Overview

High-Efficiency Hydraulic Face Drilling Rig

This hydraulic face drilling rig is engineered for demanding underground mining and tunneling operations. It features a compact, articulated design that ensures superior maneuverability in confined spaces while delivering powerful drilling performance across various rock formations. Equipped with a robust drilling boom and high-capacity hydraulic systems, this machine is an ideal solution for blast hole drilling and rock bolting tasks.

Drilling Performance

Drilling Capabilities

Specification	Standard Type	Telescopic Type
Overall Dimensions (mm)	9861*1280*1980/2180	8574*1280*1980/2180
Coverage Area (m)	2.3*2.3-5.5*4.4	2.3*2.3-5.5*4.4
Hole Diameter (mm)	141 - 176	141 - 176
Drilling Speed	1.4 m/min	

Technical Specifications

Main Motor Power

55 KW

Main Motor

59.5 KW

Total System

Climbing Ability	14 degrees
Tramming Speed	10 km/h

Carrier & Mobility

Articulated Steering	$\pm 40^\circ$
Min. Turning Radius	Inner > 2.5m / Outer > 4.5m
Ground Clearance	250 mm

Systems

Hydraulic Oil Tank	120 L
Fuel Tank Volume	60 L
Water System Max Capacity	50 L/min
Air System Max Capacity	0.3 m ³ /min