

# 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  $\pm 180$  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
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## Technical Specifications

### Main Motor Power

**55 KW**

Main Motor

**59.5 KW**

Total System

Climbing Ability	14 degrees
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## 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 <sup>3</sup> /min