

# Twin Boom Drill Jumbo for Mining

This twin boom drill jumbo is suited for mining, tunneling, and other underground applications such as metal mines, hydro-power, railways, and highways. It is hydraulically controlled and diesel-powered, with a maximum tunnel section application of 13.73x9.2m.



## Overview

### Twin Boom Drill Jumbo for Mining

This self-propelled, electro-hydraulically controlled drilling rig is engineered for high-efficiency underground tunneling and mining operations. Featuring a robust four-wheel-drive chassis, it offers exceptional maneuverability in confined spaces while utilizing two independently operated high-frequency hydraulic booms. Designed for safety and operator comfort, this rig provides precise drilling performance for blasting and rock bolting applications.

## Rock Drill Performance

### Rock Drill Comparison

Feature	HC109 (Standard)	HC110
Shank adapter	R38	T38
Hole diameter	Æ48-Æ102	Æ48-Æ69
Impact pressure, max	135 bar	190 bar
Impact rate	47 Hz	72 Hz
Rotation torque, max	780 Nm	557 Nm
Weight	142 kg	200 kg

## Boom & Feed

### Boom Capabilities

- Boom Type: TB90 x 2
- Feed extension: 1800 mm
- Parallel holding: Complete hydraulic
- Feed roll-over: ±180°
- Max. lifting angle: +60°/-45°
- Max. swinging angle: ±45°
- Boom Telescopic: 1800 mm

## Dimensions & Weight

### Physical Dimensions

**2530 mm**

Width

**15829 mm**

Length

**370 mm**

Ground Clearance

**31000 kg**

Gross Weight

## Performance Metrics

Tramming Speed	14 Km/h
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## Auxiliary Systems

Air System	Electronically driven piston compressor, Model: GCUIC-110900, Max Capacity: 600 L/min, Max Pressure: 9 Bar
Water System	Model: CDLF8-12, Max Capacity: 133 L/min

## Safety & Service

### Service Platform

<b>400 kg</b> Max Load Capacity
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