

Self-Propelled Electro-Hydraulic Drilling Jumbo

This self-propelled electro-hydraulic drilling rig is used in mining and tunneling applications such as metal mines, hydro-power, railways, highways and other underground areas. It is hydraulically controlled with a single boom, achieving drill speeds of 0.8-2 m/min, and a diesel engine drives the tyre-carrier for travel.



Overview

High-Performance Tunneling Solution

This self-propelled electro-hydraulic drilling jumbo is engineered for high-efficiency underground tunneling and mining operations. Designed for precision, it features a robust drilling boom and high-performance rock drill systems capable of handling a wide range of hole diameters. Its compact, articulated design ensures exceptional maneuverability in confined spaces, while ergonomic controls maximize operator productivity and safety.

Rock Drill Specifications

Rock Drill Comparison

Feature	HC50 (Standard)	HC109
Hole Diameter	36-89mm	48-89mm
Impact Pressure (Max)	130 bar	135 bar
Impact Rate	62 Hz	47 Hz
Rotation Torque (Max)	415 Nm	780 Nm
Weight	102 kg	142 kg

Dimensions & Mobility

Key Dimensions

11295 mm

Total Length

1750 mm

Width

13200 kg

Gross Weight

Tramming Speed

- On flat ground: >12 Km/h
- On 14° incline: >4.5 Km/h

Equipment & Accessories

Optional Equipment

Big hole drilling kit, ANSUL Fire suppression system, Telescopic feed for bolting, Manual oil filling pump, Oil filter indicator, Water cooled oil, Mineral hydraulic oil