

Spindle Core Drilling Machine

The spindle core drilling machine is designed for geological exploration and core sampling. It features a sturdy drilling rig and a reliable control system for efficient core extraction.



ADDITIONAL IMAGES



Overview

High-Performance Spindle Core Drilling Machine

This spindle-type core drilling machine is engineered for demanding geological exploration and core sampling operations. It combines robust construction with precise control systems, allowing for efficient core extraction at depths of up to 1000 meters. Designed for reliability in the field, this unit features a powerful spindle mechanism and high-capacity hoisting capabilities to handle challenging drilling environments.

Drilling Performance

Drilling Depth	1000 m
Max Spindle Torque	4050 Nm

Spindle Specifications

Spindle Speeds

Direction	Speeds (r/min)
Forward	87, 160, 230, 270, 334, 500, 710, 1030
Reverse	72, 220

Spindle Stroke	600 mm
Spindle Inner Diameter	96 mm
Spindle Force (Pull/Push)	10000 / 7500 kg

Hoist System

Hoist Speed (Third Layer)

- 0.69
- 1.27
- 1.81
- 2.64

Wire Rope Specifications

17.5 mm

Diameter

110 m

Capacity

Max Lifting Force (Single Rope)

4500 kg