

Diamond Wire Saw Machine for Stone Quarrying

This diamond wire saw machine utilizes a diamond wire for cutting stone, concrete, and metal. It features a permanent magnet synchronous driver, text display, communication transmission, and dual PLCs control combination.



ADDITIONAL IMAGES



Overview

High-Efficiency Diamond Wire Saw

This advanced diamond wire saw machine is engineered for high-speed, efficient cutting in demanding environments. It features a sophisticated dual-PLC control system and a permanent magnet synchronous driver to ensure high torque and consistent performance. Designed for versatility, it is suitable for stone quarrying, concrete cutting, and metal cutting applications.

Applications

Stone Quarrying, Concrete Cutting, Metal Cutting

Technical Features

Key Innovations

- Double-supported Rotary Reducer (Patent)
- Integral Sealed Bearing (2+ years working life)
- Screen Display Control System
- Integral Lifting Lug for safe hoisting

Drive System

Permanent Magnet Synchronous Driver

Control System

Dual PLCs with Dual Operating System

Operational Capabilities

Operational Metrics

2 Years

Bearing Life

Automation Features

- Automatic Cutting Mode
- Automatic Stop at Completion
- Inching Function for Wire Joint Alignment

Construction

Build Quality

Thicker Steel Plate • Heavy Duty • Durable