

Diamond Wire Saw Machine for Stone Quarrying

This diamond wire saw machine utilizes a diamond wire for cutting stone, concrete, and metal. It features dual PLC control, a permanent magnet synchronous driver, and a double-supported rotary reducer.



ADDITIONAL IMAGES



Product Overview

High-Efficiency Diamond Wire Saw

This advanced diamond wire saw machine is engineered for high-speed, efficient cutting in demanding environments, including stone quarrying, concrete processing, and metal cutting. It features a sophisticated control system utilizing dual PLCs and a permanent magnet synchronous driver to deliver high torque and consistent performance. Designed with a focus on reliability and ease of use, the machine incorporates a dual operating system to ensure continuous production and minimize downtime.

Application Areas

Stone Quarrying, Concrete Cutting, Metal Cutting

Technical Specifications

Drive System

Permanent Magnet Synchronous Driver

Control System

Dual PLCs with Communication Transmission

Reducer Type

Double-supported Rotary Reducer (Patented)

Key Features

Operational Features

- Automatic cutting mode for higher efficiency
- Inching function for convenient wire saw joint positioning
- Automatic stop upon completion of cutting
- Dual operation system for continuous production
- Screen display control system

Build Quality

- Integral sealed bearing (2+ years working life)
- Thicker steel plate construction
- Integral lifting lug for safe hoisting
- Double-support slewing reducer