

# 55KW Diamond Wire Saw Machine for Marble Cutting

This diamond wire saw machine utilizes diamond wire for cutting, offering fast cutting speeds and high efficiency. It is applicable to stone quarrying, concrete cutting, and metal cutting.



## ADDITIONAL IMAGES



## Product Overview

### High-Efficiency Diamond Wire Saw

This 55KW diamond wire saw machine is engineered for high-speed, efficient cutting in demanding environments, including stone quarrying, concrete cutting, and metal processing. It features advanced technology, such as a permanent magnet synchronous driver and dual PLC control, ensuring superior torque and reliability. With a dual operating system and an industry-first double-supported rotary reducer, this equipment is built for continuous, high-performance production with reduced maintenance requirements.

## Technical Specifications

### Motor Power

**55 KW**

Rated Power

### Key Features

- Permanent Magnet Synchronous Driver
- Double-supported Rotary Reducer
- Dual PLC Control System
- Dual Operating System
- Integral Sealed Bearing

## Operational Capabilities

### Safety & Build Quality

- Integral Lifting Lug for safe hoisting
- Thicker Steel Plate construction
- Power head remains stable (no downward movement)
- Sealed bearings for extended lifespan

### Automation & Control

Automatic Cutting, Inching Function, Automatic Stop, Screen Display Control, Communication Transmission

## Applications

### Suitable Applications

Stone Quarrying • Concrete Cutting • Metal Cutting • Block Trimming • Contour Cutting