

CNC Double Mitre Saw for Aluminum Profiles

This double mitre saw is designed for cutting aluminum profiles and curtain wall materials. It supports cutting angles of 90°, 45°, and 67.5° (22.5°).



Overview

High-Precision CNC Double Mitre Saw

This CNC double mitre saw is engineered for high-precision cutting of aluminum profiles, windows, doors, and curtain walls. It features an advanced Japan CNC system with integrated PLC and servomotor control, ensuring smooth, accurate operation. With automatic positioning and air-draulic damping, this machine is designed to maximize efficiency and safety in high-volume manufacturing environments.

Performance Metrics

Key Performance Indicators

6 Kw

Input Power

2800 r/min

Motor Speed

3 m/min

Max Saw Speed

Technical Specifications

Cutting Capabilities

Parameter	Range
Cutting Length	400~4200 mm
Cutting Width	10~130 mm
Cutting Height	10~300 mm

Cutting Angles	90°, 45°, 67.5°
Saw Blade Specification	AE500x4.4xAE3100

Power and Air

Power Requirements	380V/50Hz
Air Pressure	0.8 MPa
Air Consumption	200 L/min

Dimensions and Build

Overall Dimensions	5500x1700x1600 mm
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Features

Key Features

- Japan CNC system (PLC, touch screen, servomotor)
- Automatic right head positioning
- Air-draulic damping cylinder for uniform speed
- Automatic protecting guards
- Imported linear guide kinematic pair