

Automatic Reciprocating Saw for Woodworking

This automatic reciprocating saw is designed for precise and efficient cutting of wood. It features automatic operation and advanced control systems for consistent performance.



Product Overview



The HAZ6280 automatic reciprocating incising saw designed for industrial woodworking.

High-Precision Automatic Woodworking Saw

The HAZ series automatic reciprocating incising saw is engineered for industrial-grade wood cutting with a focus on precision and surface protection. Featuring a heavy-duty frame and advanced rack-and-pinion driving mechanisms, it ensures stable operation under heavy workloads. This machine significantly reduces manual labor while maintaining consistent, repeatable cutting quality for professional woodworking environments.

Industrial Applications

Woodworking, Board Cutting, Furniture Production, Industrial Sawing, Automatic Format Cutting

Performance Metrics

Key Performance Metrics

105 m/min

Max Cutting Speed

85 m/min

Max Feeding Speed

4500 rpm

Main Motor Speed

Technical Specifications

Model Specifications

Feature	HAZ3150	HAZ6280
Max. Cutting Size	3200 x 3100 x 100mm	2800 x 2600 x 100mm
Main Saw Motor Power	15kw	13.5kw
Scoring Saw Motor Power	3.0kw	3.0kw
Feeding Servo Motor	2.2kw	2.2kw
Saw Carriage Servo	2.0kw	2.0kw
Weight	3500kg	3200kg
Outline Size	7000 x 5900 x 1700mm	6000 x 5000 x 1700mm

Design & Construction



High-precision rack and pinion mechanism ensures stability for heavy-duty workloads.



Robust construction designed for high accuracy and consistent performance in professional shops.

Frame & Drive System

- Heavy-duty machine frame design for long-term stability
- Saw unit driving via high-precision rack and pinion mechanism
- Imported gear rack with high-precision surface grinding
- Failure treatment processed frame to prevent deformation
- Swift saw blade loading system for reduced downtime

Material Handling



Suspension grippers and a steel ball floating table protect board surfaces from scratches.



Integrated pneumatic cylinder for automated reciprocating motion control.

Board Protection & Handling

- Suspension grippers for secure board handling without surface damage
- Steel ball floating table to prevent scratching during workpiece movement
- Pneumatic cylinder control for smooth automated movement
- Adjustable gripper system for versatile board thicknesses

Operational Requirements

Working Air Pressure	0.7 Mpa
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Saw Blade Specifications

Blade Components

- Main Saw Diameter: 380mm (400mm optional)
- Scoring Saw Diameter: 200mm