

# 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.

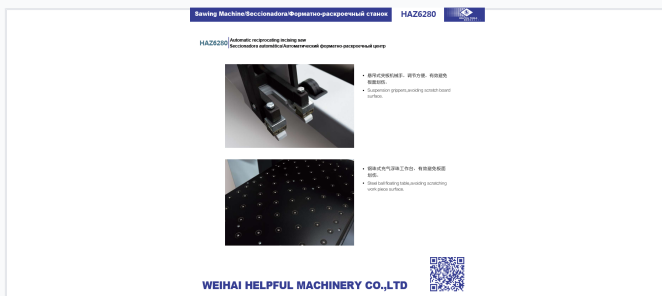


Robust construction designed for high accuracy and consistent performance in professional shops.

### 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