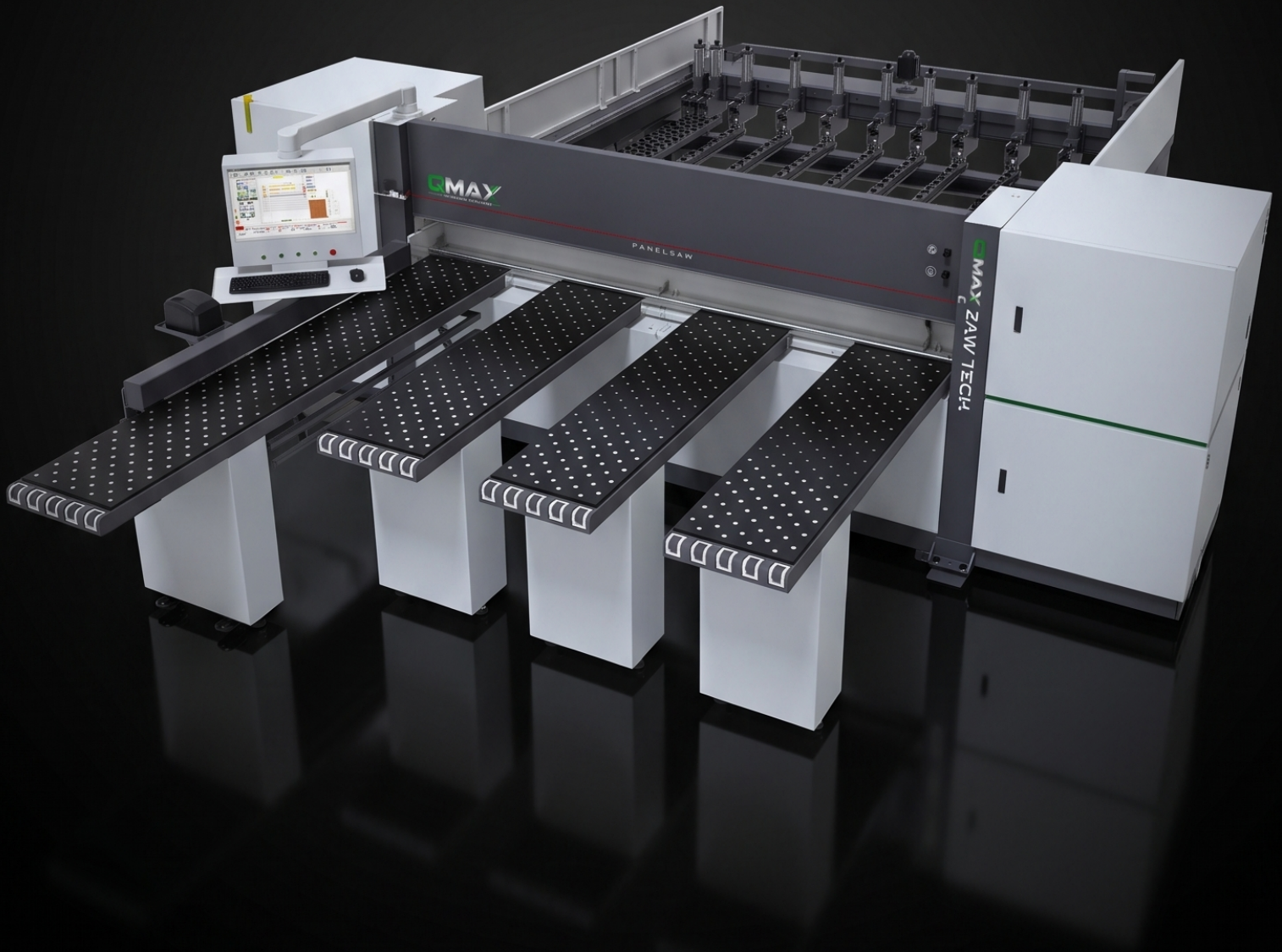


PANEL SAW MACHINE HP380D

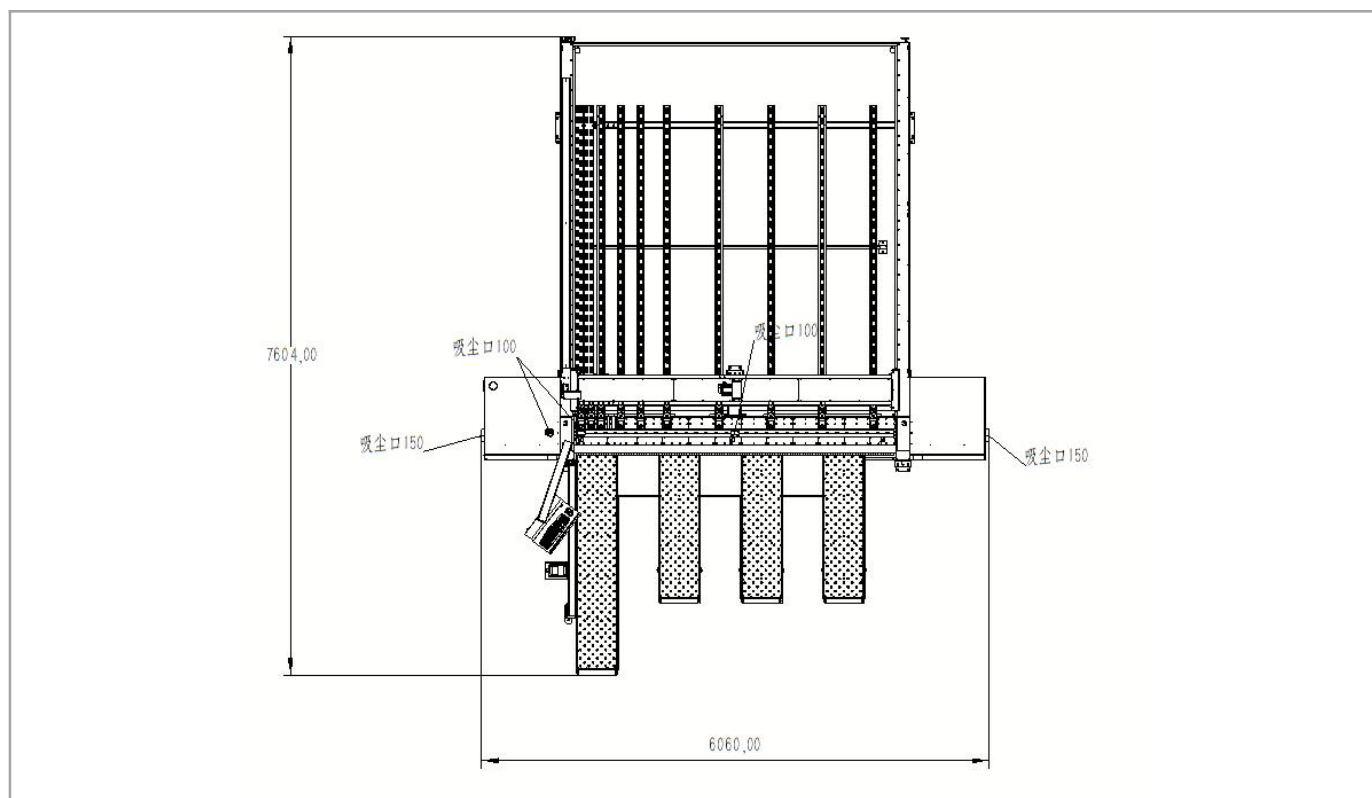


Front feeding panel saw:HP380D



(Pic for reference only)

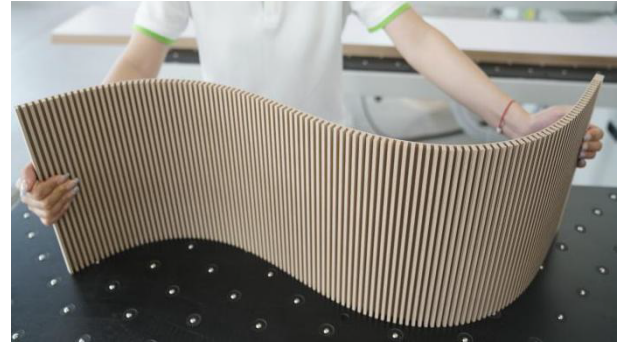
Top View



Technical data

Weight	Approx. 4800KG
Total Power	Approx. 23KW
Machine Size	Approx. 7000x6000x2200mm
Cutting Length	3800mm
Cutting Width	3800mm
Maximum blade projection	100 mm intelligent lifting
Main Saw Blade	400×4.4×75×84T
Grooving Saw Blade	160x4.3/3.2x45x24T
Saw Carriage Feed Speed	5-100m/min
Saw Carriage Return Speed	0-100m/min
Manipulator Feed Speed	0-100m/min
Manipulator Return Speed	0-100m/min
Side Press Device	Top 1 roller- aligner
Main Saw Motor Power	15kw
Grooving Saw Motor Power	2.2kw
Saw Carriage Servo Motor	1.8kw
Feeding Servo Motor	1.8kw
Gripper Quantity	10PCS
Blower Power	2.2kw

Servo Main Saw Demo



Core highlight

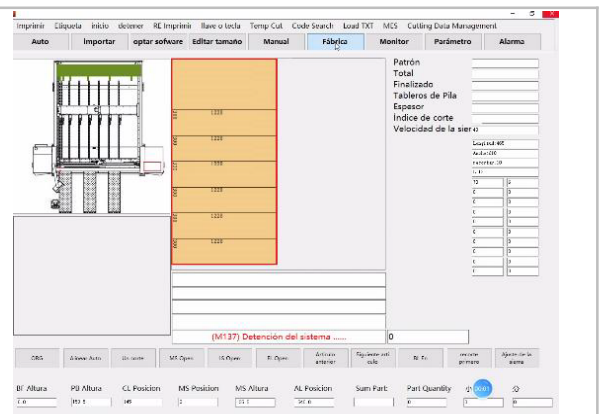
- Main saw servo lifting: Capable of grooving, with freely adjustable groove depth and width. The saw blade height can be adjusted freely.
- Scoring saw with servo adjustment: Enables fast centering and depth adjustment.
- 1,800 mm long positioning fence: Ensures accuracy during panel loading.
- First air flotation table length of 2,800 mm: Suitable for processing panels of various sizes.
- Intelligent pressure beam lifting: Automatically adjusts lifting height based on panel thickness, reducing air cylinder idle travel and improving cutting efficiency by 25%.
- Table surface made of chrome-plated steel plate: Ensures excellent cutting results without scratching the panel. Special design makes it suitable for both wood panels and aluminum honeycomb panels.
- Integrated touch-screen industrial computer: Simple and convenient to operate.
- PC control system: Easy, safe, and reliable operation with complete operational instructions and troubleshooting guidance.
- PC control system: Allows editing and management of cutting plans and tasks, as well as simulation of cutting processes.
- PC control system compatibility: Integrated with various cutting optimization software, barcode management systems, and factory automation systems.
- Smart saw carriage positioning: Automatically positions itself based on panel width to minimize travel distance and improve cutting efficiency.
- Saw carriage precision machining after welded steel plate structure: Ensures high accuracy.
- Four-point support of saw carriage: Guarantees balanced force distribution during operation for optimal cutting results.

- Pressure beam made from bent and welded steel plates: Machined as a whole to ensure precision, resistant to deformation during repeated use, ensuring consistent cutting quality of multiple boards.

Description

Industrial Control Computer

Integrated touch-screen industrial control PC,
user-friendly and easy to operate.



Label Printer



Extended First Air Flotation Table

Makes loading large panels easier and more convenient.



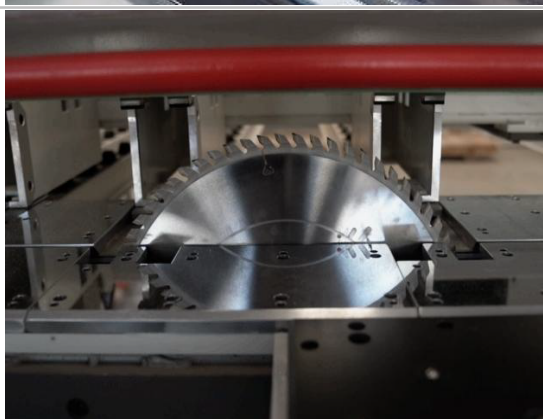
High-Quality Chrome-plated Steel Table Surface

Protects panel surfaces and reduces scratching.



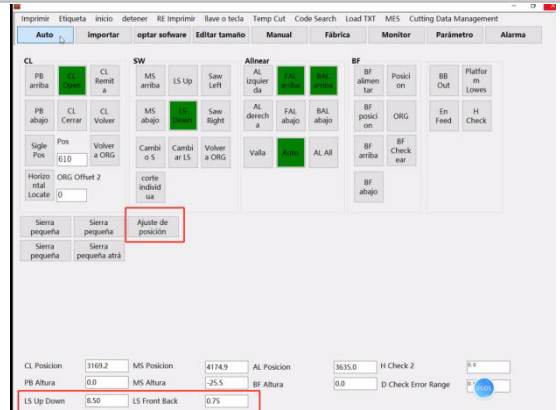
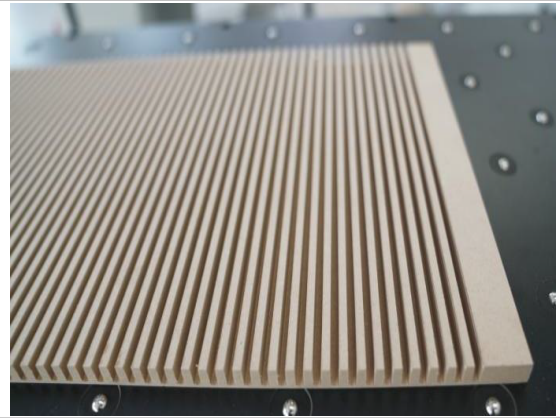
Main Saw Servo Lifting System

Capable of grooving, with freely adjustable groove depth and width. The saw blade lifting height is adjustable.



Scoring saw with servo adjustment

Quick alignment adjustment and depth adjustment.

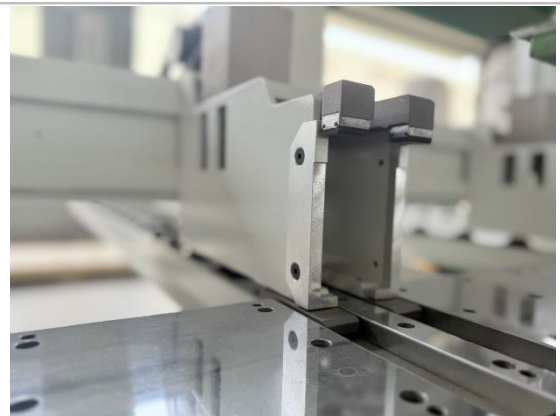


Upper Side Support

When the saw carriage is in operation, the side support operates independently without affecting cutting efficiency. This addresses the issue of the electronic saw's side support system maintaining continuous contact with the board throughout the entire process without compromising the saw carriage's cutting efficiency.



Rubber-Coated Dual-Finger Grippers





High-Precision Panel-Gripping Mechanical Arm

Servo-driven, high positioning accuracy, stable and efficient.



Quick-start Pull Lever



Quick Saw Blade Replacement

Manual removal for easy blade replacement.

