

## CNC Panel Saw RCJ3300E



RCJ3300E

RCJ3300E: (with printer and optimizing software)

Cutting height of 120 mm.

Design software.

Application: wood furnitures, aluminum furniture, acrylic, artificial slate and packaging board, etc.

### ➤ Description

1. High precision: The machine body saw carrier is adopt German technology, the perfect combination of rack and pinion transmission and reducer control, the sawing accuracy is within  $\pm 0.15$ , and the automatic positioning and sawing can be realized for different workpiece width.
2. Control system: It can edit and manage the sawing plan, and connect with a variety of sawing software, barcode management software, and automation system.
3. Independent lifting of main and groove saws: The main saw adopts Igarashi motor 15KW, and the groove saw 2.2KW. The maximum work thickness can reach 90mm. While increasing the cutting speed, it reduces the load of the saw blades, making it more durable and stable.

### ➤ Details:

### 1. Main structure

Select high-quality steel, adopt high-density welding technology and annealing treatment to effectively ensure the stability and service life of the main body.



### 2. Saw carrier controlled by servo motor



### 3. Side alignment

Automatically push the boards, higher accuracy and safer.

Standard: Controlled by encoder+reducer

Options: Controlled by servo motor(as the picture)



### 4. Air-floating steel table structure

The worktable adopts pneumatic floating ball table, which can effectively prevent the boards from scratching and make the movement of the sheet more convenient.



### 5. INVT servo drive clamp

High-performance pneumatic feeding clamps, driven and positioned by precision servos



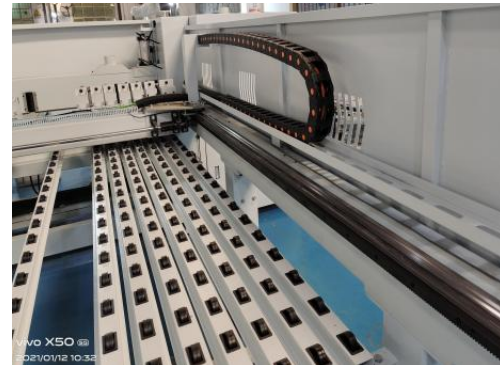
### 6. Computer touch screen

The whole process is automatically guided by the computer, and the sawing plan can be edited and managed, which greatly improves the processing accuracy and reduces the error rate.

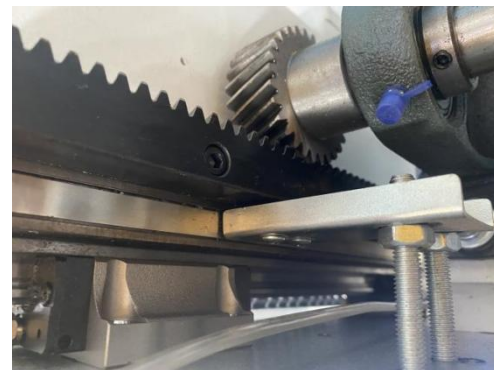


### 7. Steel belt guide

The steel belt square rail is hardened and is not easy to be deformed, is highly dust-proof, and the operation is stable and precise.

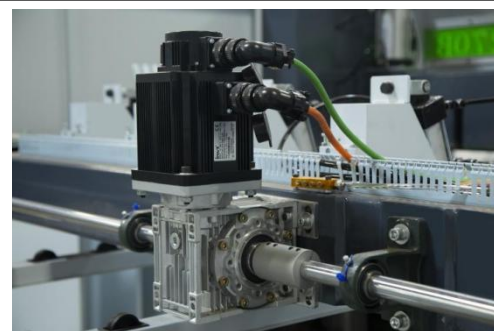


### 8. Electronic ruler magnetic induction device



### 9. Control system

Domestic well-known INVT servo motors and inverters can execute control commands quickly and accurately, and are designed with precision square rail links, with high kinetic energy and high precision.



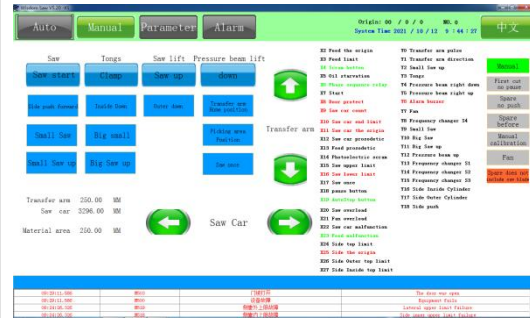
### 10. Taiwan Yonghong PLC

High quality, stable and durable.



## 10. Optimization software

it is open to all software ports, such as Yuanfang, Huaguang, CV, 1010, Weilun, Haixun, Sanweijia, Yunxi, Shangchuan and other design software. It also supports the material list made by Microsoft Exce



## 11. Barcode printer



### ➤ Optional:

#### 1. Side alignment controlled by servo motor



### ➤ Parameter

<b>Model</b>	<b>RCJ3300E</b>
Work width	3250mm
Work thickness	100mm
Main saw blade diameter	Φ355mm
Main saw shaft diameter	Φ80mm
Main saw shaft speed	4800rpm
Groove saw blade diameter	Φ180mm
Groove saw shaft diameter	Φ55mm
Groove saw shaft speed	6900rpm



Saw base forward speed	100m/min
Saw base retreat speed	150m/min
Main saw motor	15kw
Groove saw motor	2.2kw
Saw base drive motor	1.5kw
Automatic feeding motor	2.0kw
High pressure blower motor	4kw
Total power	23kw
Automatic feeding speed	100m/min
Air pressure	5-7kg/cm <sup>2</sup>
Height of worktable away ground	950mm
Machine size (L*W*H)MM	5900*5800*1800
Grippers quantity	13