



**Qingdao Jiakemu Machinery Manufacture CO.,LTD**  
WEST OF NO. 2 TIANSHAN ROAD TONGJI SUB-DISTRICT JIMO-CITY QINGDAO CHINA 266200  
Tel: +86 15063045902 +86 13553051579  
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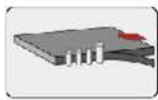
## Auto Edge Banding Machine ECO F7 (EB-295)



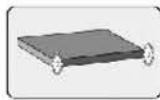
### Machine Functions:



Pre-milling



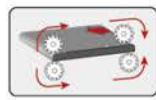
Gluing



End-cutting



Fine-trimming



Corner-trimming



Scrapping



Buffing

### Machine Technical Data:

Pre-milling motor power: 1.8kw\*2  
Gluing motor power: 0.75kw  
Heating power: 1.5kw  
Ending trimming motor power: 0.37kw\*2  
Fine trimming motor power: 0.75kw\*2  
Corner trimming motor power: 0.75kw  
Buffing motor power: 0.37kw\*2  
belt motor power: 1.5kw  
Working speed: 8-11-13 m/min  
Max edge height: 45mm  
Panel thickness: 10-45mm  
Edge banding tape thickness: 0.4-3mm  
panel width: 80mm  
Working air pressure: 0.6-0.8Mpa  
packing size: 4280\*650\*1280mm  
weight:1230kg



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### Functions of Machine:

#### 1. Control system: **delta**

PLC overall equipment control;

7" industrial touch screen display;

All kinds of safety protection reminders.



#### 2. Tool conveying

**Abrasion resistant** conveying block;

The semi-circular guide rail is **precisely guided and hardened** to improve wear resistance;

The conveying motor is started by **frequency conversion**, the starting is **stable**, and **the braking system** is provided.



#### 3. Pressure beam device

**Thickened** aluminum alloy profile compression beam.



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Website: [sicarwood.com](http://sicarwood.com) [jiakemu.com](http://jiakemu.com) E-mail: [info@sicarwood.com](mailto:info@sicarwood.com)**4. Safety device: Honeywell brand**

The equipment complies with relevant national standards;

The cylinder limits the spacing of the feed plates to protect the normal operation of each component.

**5. Pre-milling**

With diamond milling cutter. The edge after milling is straight and smooth, which is conducive to the accuracy of subsequent processes

**6. Gluing**

The glue mechanism adopt a special structure to gelatinize the plates and coating materials uniformly, ensure a more solid conglutination.



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Website: [sicarwood.com](http://sicarwood.com) [jiakemu.com](http://jiakemu.com) E-mail: [info@sicarwood.com](mailto:info@sicarwood.com)**7. End cutting**

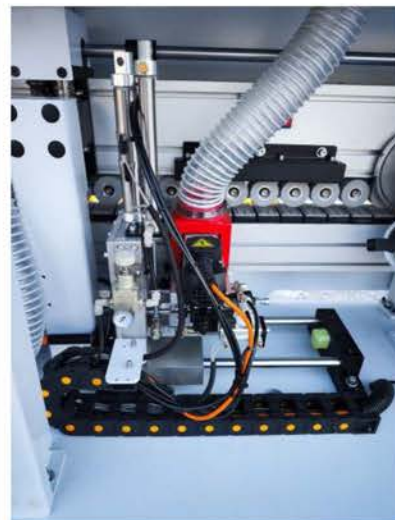
Conventional single guide rail before and after the same head device, **high reliability, high efficiency.**

**8. Fine trimming**

Two motors;  
Two fine milling cutters,  
Specification: (arc radius R2, 4Z);  
Equipped with independent vacuum hood.

**9. Corner-trimming**

Specification: (arc radius R2, 4Z);  
Make the corner **more smooth and round.**





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### 10. Scrapping

Smooth the edges and removing residual adhesive lines.



### 11. Buffing

The buffing device adopt the board processed by cotton polishing wheel, by end polishing to make a more smooth surface.



### 12. Electrical Equipment: **Delta brand**

380V input voltage;

Independent Variable-frequency Drive control with motor brake function;

Phase sequence protection device;

Equipment and electrical appliances comply with relevant national standards.





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#### 13. Low-voltage components

Main low-voltage components adopt **Siemens** brand to ensure stable and durable operation of equipment



14. Major parts and components adopt high quality **famous brand** products.

