



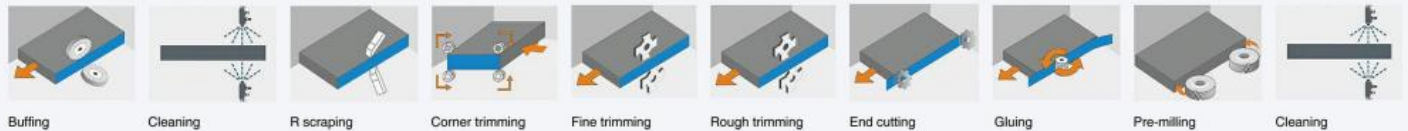
济南嘉亚经贸发展有限公司

JAYA INTERNATIONAL CO.LTD

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ZICAR Auto edge bander machine—Nova80



(Photos just for reference)

Product features:

This equipment is mainly used for the edge treatment of the plate of furniture - edge sealing. Edge sealing operation is an important process in the manufacturing process of panel furniture, and the quality of edge sealing directly affects the quality, price and grade of the product. By sealing the edges, can be very good to improve the appearance of furniture quality, to avoid furniture in the transport and use of the process of corner damage, veneer layer was lifted or peeling, at the same time can play a role in waterproofing, sealing the release of harmful gases and reduce the deformation of the role of, but also can beautify the furniture, pleasant mood. Panel furniture manufacturers use raw materials are mainly particleboard, MDF and other man-made boards, the choice of edge banding mainly PVC, polyester, melamine and wood, etc., different materials and specifications of the edge banding using different edge sealing equipment. Nowadays, the edge banding machine used by furniture manufacturers is equipped with double glue pot edge banding unit, which can realize two different colours of hot melt adhesive heating at the same time, and switch quickly and automatically according to the need of edge banding to meet the demand of personalized production. In addition, it is equipped with pneumatic point adjustment double trimming, which can realise the fast switching of thin and thick sealing tape processing. It is characterised by automation, high efficiency, high precision and aesthetics. It has been widely used in domestic panel furniture production enterprises.



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Functions: Cleaning → Pre-milling → Gluing → End cutting → Rough trimming → Fine trimming → Corner trimming → R Scrapping → Flat Scrapping → Cleaning → Buffing

Parameters:

Panel length	Min: 150mm	Voltage	380V 3PHASES
Panel width	Min: 40mm	Input frequency	50 HZ
Panel thickness	10-60mm	Output frequency	200 HZ
Edge width	12-65mm	Total power	18.5 KW
Edge thickness	0.4-3mm	Air pressure	0.6 mpa
Feeding speed	15-23m/min	Machine size mm	7310*950*1600
Min panel size		300 (L) *40 (W) , 150 (L) *150 (W)	
Price			

Configuration table of main electrical components:

Item	Brand	Photos	
Inventor	Delta		
PLC	Delta		
Panel	Delta		
Air Switch	Delixi DELIXI CHINA DELIXI		
AC contactor	Shilin  士林電機 ShiLin Electric		



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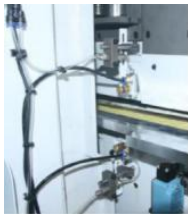

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Relay (electronics)	Weidmuller 	 
Travel switch	Honeywell 	 
Button	上海二工 	 
Main pneumatic components	Airtac SMC	  

Functional group processing technology flow:

Spray separator:		This device sprays a separator agent onto the top and bottom surfaces of the sheet, and the separator agent remaining on the top and bottom surfaces of the sheet after pre-milling is used to prevent glue spills from sticking to the top and bottom surfaces of the sheet when the sheet is glued.
Pre-milling		<p>1、Pre-milling device adopts diamond pre-milling cutter, tool specification: $\Phi 100 \times H65 \times \Phi 30$.</p> <p>2、The ripple marks, burr chipping or non-vertical phenomenon caused by the cutting saw after opening the material will be trimmed again to achieve a better edge sealing effect. It makes the sealing strip and the board fit more closely, and the integrity and aesthetics are better.</p> <p>3、Efficient dust suction system can quickly discharge the wood chips from the cutting.</p>



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With squeegee press		Paste the sealing tape onto the board and press it tightly. Clear glue pressing effect is better, scraping function eliminates the manual cleaning of the pressing wheel when gluing and improves efficiency.
End cutting		Cut off the redundant edge banding at both ends (air cylinder with 2 pressure regulating valves and 1 pressure relief valve) the air pressure is more stable, and the cutting is more stable.
Fine trimming		The six-blade R-knife trims off the excess edge banding to form a rounded corner, and the trimming is more beautiful.
Corrner trimming		1、 It is used for trimming the rounded corners/duckbill corners/straight corners that can not be further corrected at both ends of the edge band after flush sawing, so as to form a perfect rounded corner. 2、 It is most suitable for 1.5-3mm edge band. 3、 Equipped with Japan SMC cylinder and pressure reducing valve.
Scraping		The super hard alloy R knife scrapes the fine lines of the edge banding strip to make it smooth. Also equipped with flat scraping, remove excess glue line.



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Spray cleaner:		1、 This device is used to spray the cleaning agent to the upper and lower surfaces of the board, and the sealing edge. By using the cleaning agent 2, and polishing process to remove the glue residue spilled during edge sealing.
Buffing		Polishing device is used for cleaning and polishing after sealing.
Automatic lubrication		Preventing problems arising from human failure to maintain
Automatic lifting and lowering		Automatic lifting and lowering of pressure beams



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