

VA 3010

Composite Panel Processing Machine



Kaban Makina Sanayi ve Tic. Ltd. Şti.

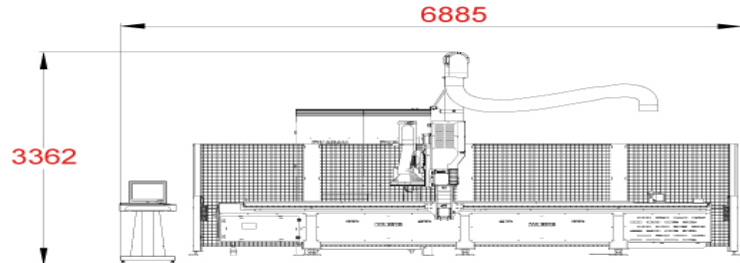
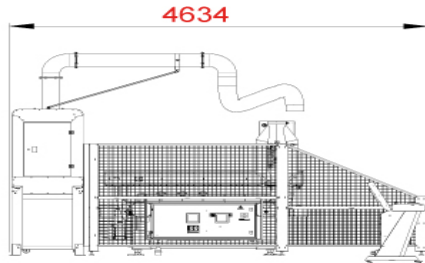
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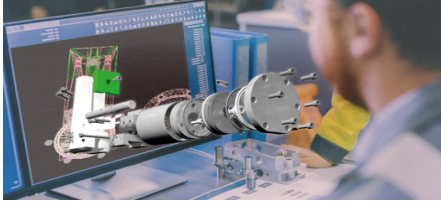
VA 3010 Composite Panel Processing Machine



- Robust mechanical structure suitable for high speed
- Axis speeds averaging 80 m/d
- Multi-compartment tray with vacuum holding and lifting
- Maximum machinable length width 4300 mm x 1600 mm
- Maximum machinable height 180 mm
- Spindle motor 7.5 kW 24,000 rpm
- Air spray system
- Number of magazine teams 6 pieces
- 19" screen
- Mitsubishi PLC control unit
- Windows-based, user-friendly Kaban interface with easily adjustable parametric structure
- Ability to handle 2D and 3D geometries
- Optical communication and command boost
- Communication via Ethernet
- Working with G-Code
- Data transfer via USB and COM Port
- Automatic tool length measurement
- Automatic tool change
- Automatic tool recovery in case of power failure



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Design

- With robust mechanical design, our product is widely used in composite panel, aluminum plate, compact laminated, PVC-based plate, wood, etc. allows you to produce products with high speed and quality.
- The machining time of the machine has been reduced to a minimum thanks to the axis speeds of average of 80 m/min.
- It is widely used in construction, furniture, advertising, shipbuilding, energy, automotive and aviation industries.
- Products can be used on joints, cuts, holes, channels, etc. processing and sizing are carried out by operations.
- It is equipped with high-precision technological components.

Control Panel

- Versatile adjustable, ergonomic kiosk
- 19" screen
- Windows-based, user-friendly Kaban interface with easily adjustable parametric structure
- Ability to handle 2D and 3D geometries
- High performance Mitsubishi PLC control unit
- Optical communication and command boost
- Communication via Ethernet
- Working with G-Code
- Data transfer via USB and COM Port

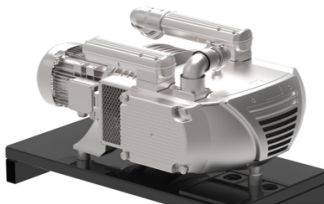


Spindle

- 7.5 kW, max. 24,000 rpm
- HSK F63 tool holder involving spindle
- Fan cooled

Magazine

- 6 tool holders

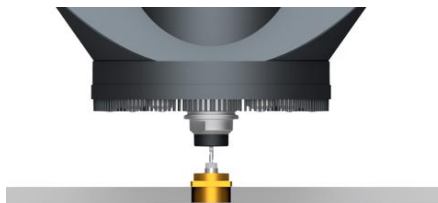


Vacuum System

- High quality processing of workpieces of various sizes with multi-section vacuum table structure
- Automatic vacuum zone selection according to the workpiece size
- Reference pins for easy positioning of the workpiece
- Blowing system that allows the workpiece to move easily on the workbench

Automatic Tool Length Measuring

- Precise tool length measurement



Safety

- Ability to continue from where it left off in case of power failure with the UPS system
- Auto-recovery function that sends the tool to the safe zone

Technical Support

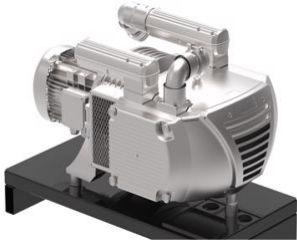
- Periodic maintenance reminder function
- Service support with remote connection



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Machine Features	X Axis	Motor Power	2x0,75	kW
	X Axis	Axis Speed	80	m/min
	X Axis	Max. Part Machining Length	4300	mm
	Y Axis	Motor Power	0,75	kW
	Y Axis	Axis Speed	110	m/min
	Y Axis	Max. Part Machining Width	1600	mm
	Eje Z	Motor Power	0,75	kW
	Z Axis	Axis Speed	45	m/min
	Eje Z	Max. Part Machining Height(H)	180	mm
	Spindle	Motor Power	7,5	kW
	Spindle	Max. Rotation Speed	24000	cycle/min
	Spindle	Tool Holder	HSK63	
	Magazine	Number Of Tools	6	Piece
	Magazine	Max. Diameter Saw	120	mm
	Vacuum Unit	Motor Power	5,5	kW
	Vacuum Unit	Vacuum and Blowing Force	244	m3/h
Technical Specifications	Air	Pressure	6-8	bar
	Air	Total Air Consumption	450	Lt/min
	Feed	Voltage	400	V
	Feed	Power	20	kW
	Weight	Net	3985	kg
	Weight	Gross Weight	4000	kg
	Sound	Level	96	d(B)
	Machine Dimensions	Length(L)	6885	mm
	Machine Dimensions	Width(W)	4634	mm
	Machine Dimensions	Height(H)	3362	mm

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Vacuum Suction System

- Optionally, an extra suction system can be installed for the table.

Barcode Printer

- It serves to print the label on which the characteristics of the product are located in order to track the work.



Barcode Reader

- In order to receive job information, it provides digital transfer of information by reading the printed label.

