Composite Panel Machine

General Features

- It is used in the processing of materials in the form of composite panels, aluminum sheets, compact laminate and similar PVC-based plates.
- It is mainly used in the construction sector but is widely used in furniture, advertising, shipbuilding, automotive and aviation sectors.
- Numerical processing with G-Code transferred from the CAD-CAM software.
- The multi-chambered and vacuumed top surface, with its cleanable table structure, ensures the high quality processing of workpieces of various sizes.
- It provides a clean working area with chip removal system.
- With the easy-to-use CAD / CAM program, it enables processing of 2 and 3 dimensional geometries as well as sheet optimization.
- Fast and high quality processing with high precision components.
- Automatic tool change and tool length measurement system are available.
- Pneumatic working reference pins are available for easy positioning of the workpiece.
- Vacuum selection based on workpiece size is automatic.
- The standard model has 6 tool holders.





H: 3200 mm W: 6080 mm L: 5350 mm



3225 kg

400 V L1-L2-L3-N-PE 50-60 Hz

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20 kW



6-8 Bar

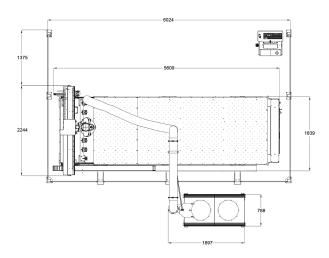
L min: 300 mm L max: 4300 mm W min: 300 mm W max: 1600 mm



Optional Equipments



• C Axis 360 ° rotation feature with 0,1° precision. It cuts with the saw on 90 ° tool.



Technical Features

Movement	
х	4640mm
У	1830mm
Z	250mm
Process Piece Dimensions To Be Cut	
Max	1600x4300mm
Min	300x300mm
Axis Features	
Propulsion Types	x and y axis control rack, z axis screwed shaft
Axis Speeds	x=80m/dak y=110m/dak z=45m/dak
Positioning Precision	±0,01mm (for each three axis)
Working Motor	
Power	7,5kW
Maximum Speed	24000 rpm
Tool Holder	HSK F63
Cooling Type	Air cooling with fan
Magazine	
Magazine Type	Linear (Optionally rotating magazine)
Tool Number	6
Auto.Tool Lenght Measuring	Yes
System	
Vacuumed Table Features	
Vacuum Pump	5,5kW-250mbar
Multisection Table Structure	Yes
Section Number	9
Machine Dimensions	
Lenght	7455mm
Width	4285mm
Height	3200mm
Weight	2,9ton
Total Power Consumption	17kW

