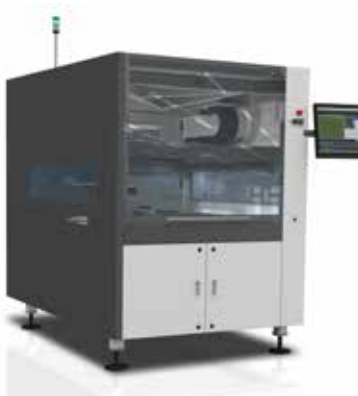


DIVISIO 4000



Description

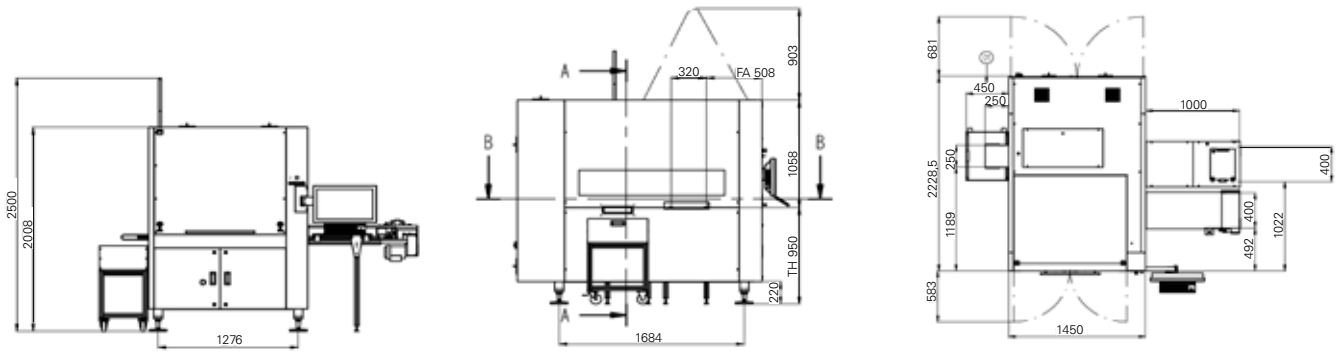
The DIVISIO 4000 is a unit for high volumes and a small product mix. Arriving panels are transferred to a conveyor where they are lifted up and then picked up by the gripper adapter. The cutting tool (spindle or saw) is mounted in a fixed position into the unit and the panel then travels over it. A double spindle can also be installed to increase productivity. The unloading conveyor can either be a flat belt conveyor, a double belt conveyor, product carrier, shuttle or a combination of them.

Features

- _ Linear motors for highest dynamics and accuracy
- _ Tool coding
- _ Automatic router-bit exchange
- _ Quick change adapter system
- _ Spring loaded hold down clamp assembly
- _ SIMPLEX HMI offers comfortable operation
- _ Ionization unit
- _ ESD spindle

Options

- _ Spindle or saw
- _ Offline programming
- _ ASYCAM CAD data conversion
- _ Dust extraction
- _ Camerasystem
 - + Fiducial recognition
 - + Cut inspection
 - + Bad mark recognition
 - + Code read
- _ MES interface
- _ Customized transport modules



DIVISIO 4000

Routing and/or sawing

Machine Configuration

Transport height	850mm ±50mm
Max. transport width	320mm
Interface	Siemens, SMEMA
Transfer direction	From left to right
Operating side	Front of the machine
Fixed rail	Front of the machine

Panel Dimensions

Panel length	up to 360mm
Panel width	up to 320mm
Panel thickness	0.8 to 4.5mm
Panel weight max.	4kg
PCB weight max.	1.5kg
Component height, spindle-side	8mm; partial 18mm (other height on request)
Component height, gripper-side	40mm

Installation Requirements

Power supply	400V, 208V 50/60Hz, ±10%
Power supply system	3L + N + PE
Fuse protection	3x C32 A
Connection type	Fixed connection
Power consumption (without suction)	0.9kW
Air supply	6bar
Air consumption	120NI/min

Machine Description

Length x Width x Height	1448 x 2229 x 2008mm
Weight	1250kg (standard equipped)
Positioning	±0.015mm (20°C ±1°C)
Repeatability	±0.005mm (20°C ±1°C)
Noise Level	< 75dB(A) (possible deviations due to material mix of the panel)

Upgrades

Machine networking via IC Net

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GROUP**

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