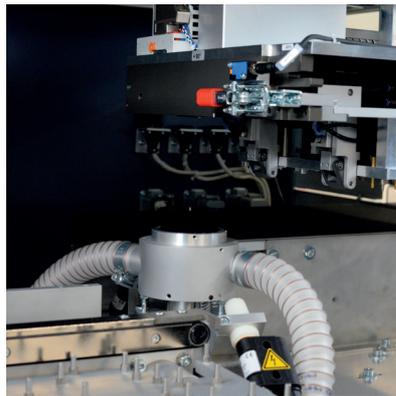
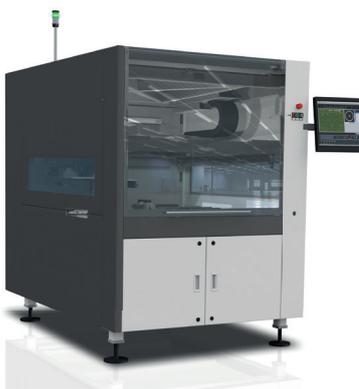


DIVISIO 4000



Description

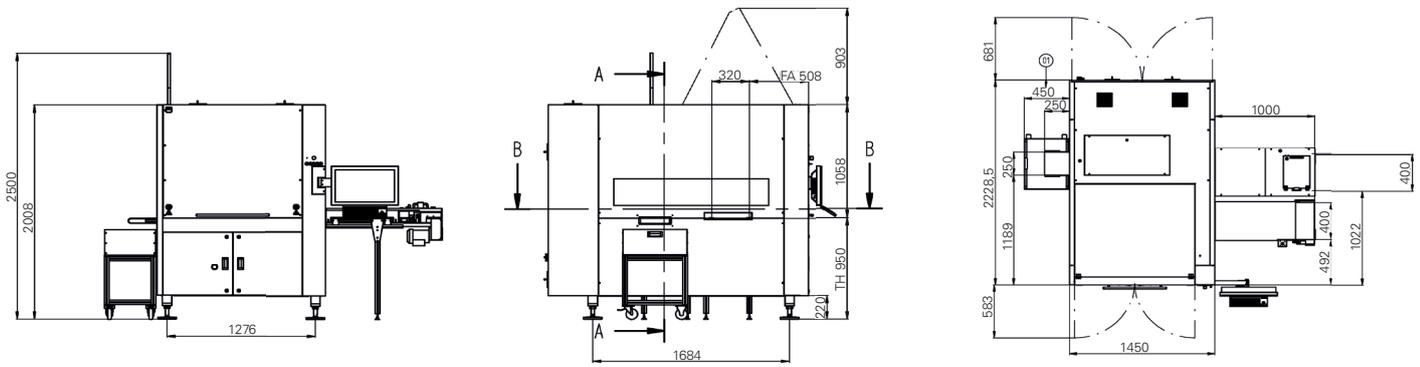
The DIVISIO 4000 is a unit for high volumes and a small panel spectrum. Arriving panels are transferred to a conveyor where they are lifted up and then picked up by the gripper adapter. The milling cutter is mounted in a fixed position into the unit and the panel then travels over the cutter. The unloading conveyor can either be a flat belt conveyor, a double belt conveyor, product carrier, shuttle or a combination of them. A unit with automatic change system for the gripper adapter. The system consists of a moveable store for the adapter and the integrated loading lift. The type of gripper is then detected by a scanner and automatically loaded when the product is changed.

Features

- _ Tool coding
- _ Router-bit break control
- _ Automatic router-bit exchange
- _ Quick change adapter system
- _ Spring loaded hold down clamp assembly
- _ Ionization unit
- _ ESD certified spindle

Options

- _ Vacuum system
- _ Barcode reader
- _ Vacuum system monitoring
- _ Axle CNC control



DIVISIO 4000

Routing and/or sawing

Machine Configuration

Transport height	850 mm ± 50 mm
Max. transport width	320 mm
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	to 360 mm
Panel width	to 320 mm
Panel thickness	0.8 to 4.5 mm
Panel weight max.	4 kg
PCB weight max.	1.5 kg
Component height, spindle-side	8 mm; partial 18 mm (other height on request)
Component height, gripper-side	40 mm

Installation Requirements

Power supply	400 V, 208V 50 / 60 Hz, ± 10%
Power supply system	3L + N + PE
Fuse protection	3 x C16 A without ELCB
Power consumption	2 kW
Air supply	6 bar
Air consumption	120 NI/min

Machine Description

Length x Width x Height	1448 x 2229 x 2008 mm
Weight	1250 kg (standard equipped)
Positioning	± 0,015 mm (20°C ±1°C)
Repeatability	± 0,005 mm (20°C ±1°C)
Noise Level	< 75 dB(A) (possible deviations due to material mix of the panel)

Upgrades

Machine networking via IC Net