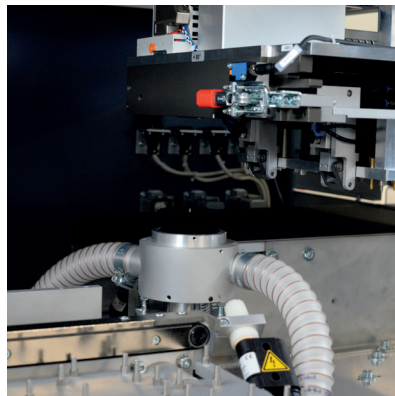
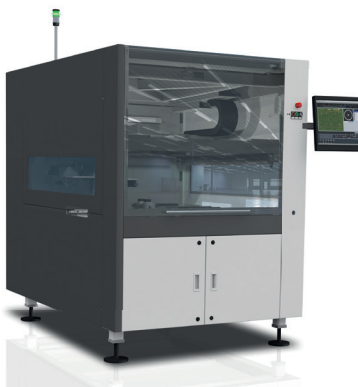


## DIVISIO Depaneling Systems

Automatic Inline Depaneling System

**DIVISIO 4000 Series**

# DIVISIO 4000



### Description

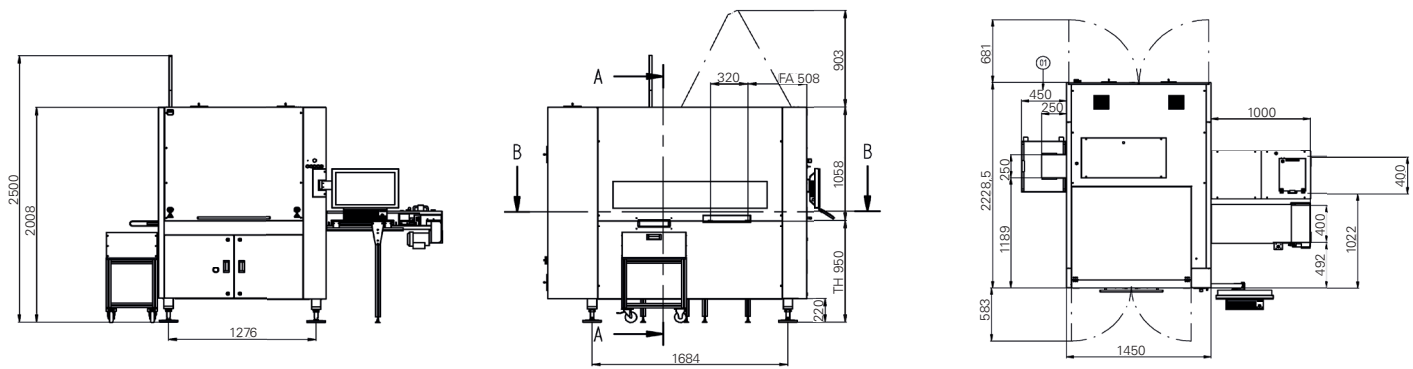
The DIVISIO 4000 is a unit for high volumes and a small panel spectrum. Arriving panels are transferred to a conveyor where they are lifted up and then picked up by the gripper adapter. The milling cutter is mounted in a fixed position into the unit and the panel then travels over the cutter. The unloading 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 $\pm$ 50 mm
Max. transport width	<b>320 mm</b>
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, $\pm$ 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	$\pm$ 0,015 mm (20°C $\pm$ 1°C)
Repeatability	$\pm$ 0,005 mm (20°C $\pm$ 1°C)
Noise Level	< 75 dB(A) (possible deviations due to material mix of the panel)

#### Upgrades

Machine networking via IC Net

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