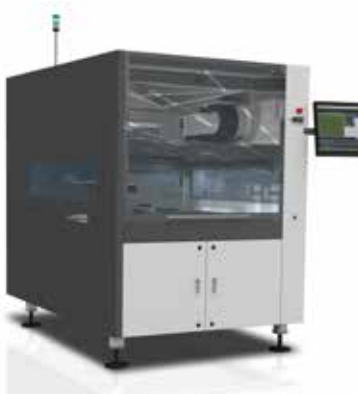


## DIVISIO 4000



### Description

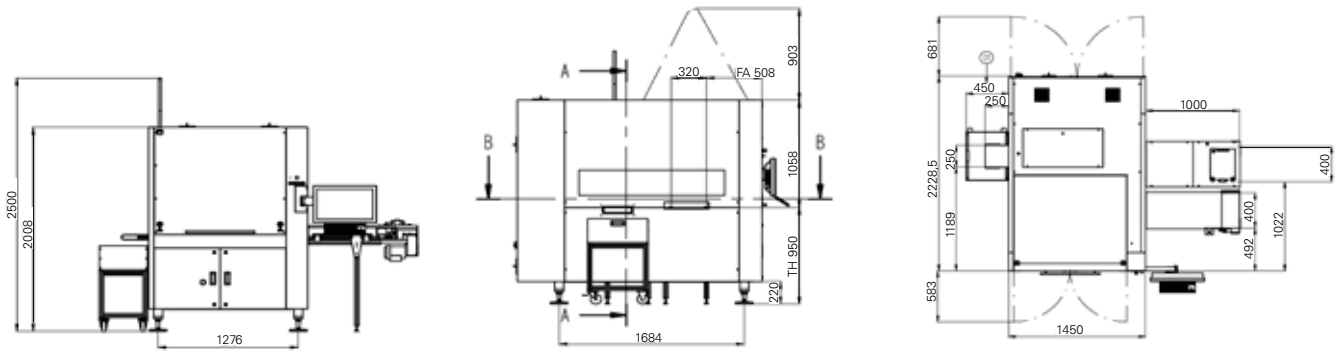
The DIVISIO 4000 is a unit for high volumes and a small product mix. Arriving panels are transferred to a conveyor where they are lifted up and then picked up by the gripper adapter. The cutting tool (spindle or saw) is mounted in a fixed position into the unit and the panel then travels over it. A double 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 | <b>320mm</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                   | 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

**ASYS  
GROUP**

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