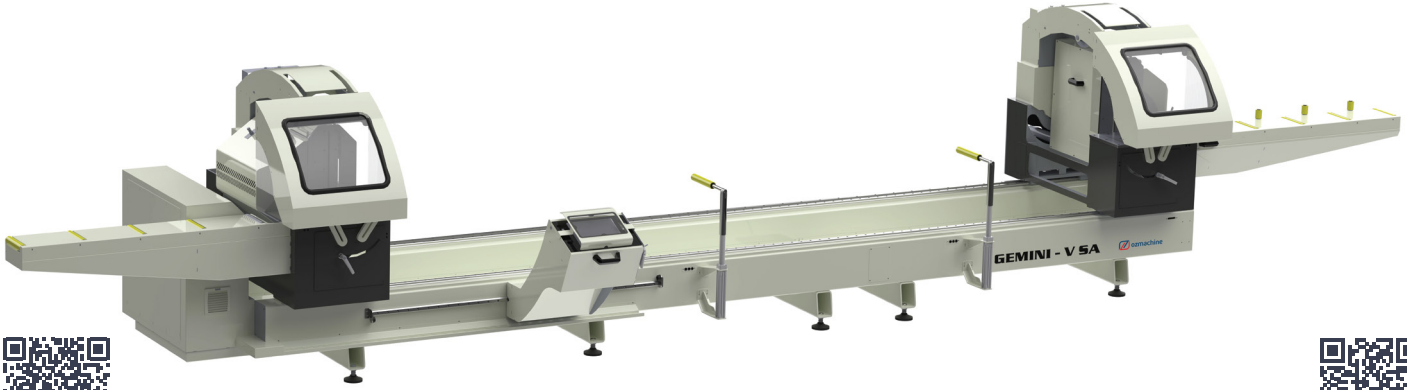


## GEMINI - V SA

Double Head Front Blade Saw Ø 550 mm with Automatic positioning and Semi-automatic angle adjustment

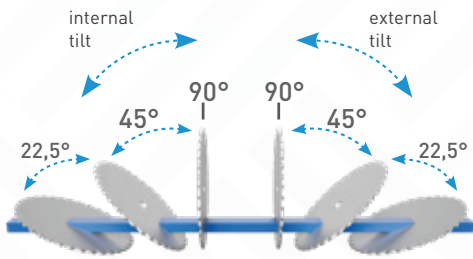


YouTube

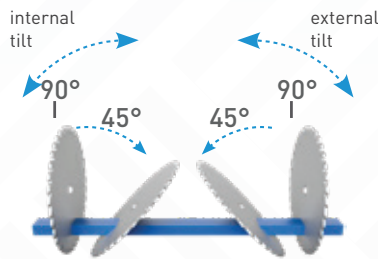


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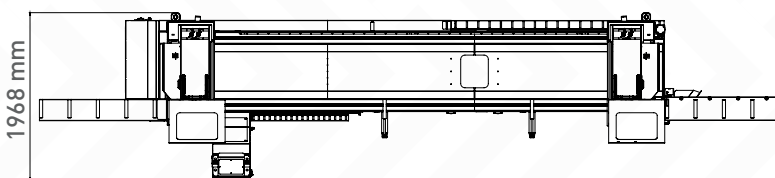
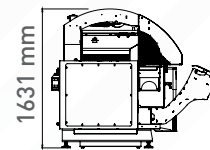
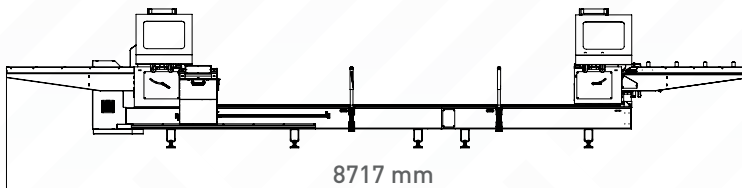
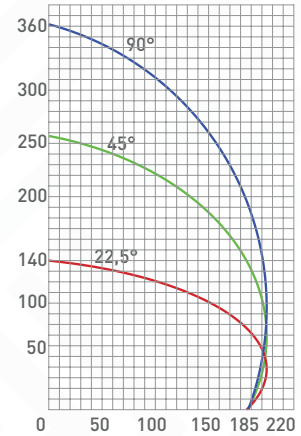
The GEMINI - V SA, a semi-automatic, single-axis servo-controlled, double-head cutting machine with a 550 mm saw blade, is ideal for cutting aluminum and PVC profiles of various angles and thicknesses. The GEMINI - V SA offers fast, hydro-pneumatic angle positioning with two inclination types: -22.5°, -45°, and 90° for the external angle model, and 90° and 45° for the internal angle model. Manual positioning for all other intermediate angles ensures a flawless cutting process. While simultaneously cutting profiles with a minimum length of 480 mm and a maximum length of 5050 mm with its dual heads, it also eliminates limitations when cutting profiles longer than 5050 mm. With its automatic horizontal and vertical vices and a profile support unit, the GEMINI - V SA enhances cutting quality while prioritizing safety.



External Tilt Model



Internal Tilt Model



**1450**



# GEMINI - V SA

Double Head Front Blade Saw Ø 550 mm with Automatic positioning and Semi-automatic angle adjustment

## AXIS TRAVEL

|                                                      |                    |
|------------------------------------------------------|--------------------|
| Hydro-pneumatic controlled rotation axis of head     | •                  |
| Rapid angle positioning of heads hydro-pneumatically | 22.5°, 45° and 90° |
| Hydro-pneumatic cutting feed adjustment              | •                  |
| Minimum cutting length with double head (90°/45°)    | 480 mm / 720 mm    |
| Maximum cutting length with double head (90°/45°)    | 5050 mm / 5050 mm  |
| Maximum internal rotation angle (internal tilt)      | 45° / 90°          |
| Maximum external rotation angle (external tilt)      | 90° / -22.5°       |

## POSITIONING SPEED

|                          |          |
|--------------------------|----------|
| X axis positioning speed | 40 m/min |
|--------------------------|----------|

## AIR

|             |           |
|-------------|-----------|
| Pressure    | 6-8 Bar   |
| Consumption | 100 L/min |

## ELECTRICAL

|               |          |
|---------------|----------|
| Maximum power | 7.4 kW   |
| Voltage       | 400V     |
| Frequency     | 50-60 Hz |

## OPERATIONAL AREA

|                                                               |                  |
|---------------------------------------------------------------|------------------|
| Cemented carbide saw blade                                    | 2                |
| Saw blade diameter                                            | 550 mm           |
| Saw blade motor power                                         | 3kW - 4HP        |
| Profile height measurement (outer slope model)                | •                |
| Optional length in X-axis                                     | ○                |
| Cutting zone protection covers                                | •                |
| Horizontal pneumatic clamps                                   | •                |
| Vertical pneumatic clamps                                     | •                |
| Manual intermediate profile support                           | •                |
| Intermediate profile support (pcs)                            | 2                |
| Additional intermediate profile support                       | ○                |
| Roller conveyor on moving head                                | •                |
| Fixed head conveyor                                           | ○                |
| Spray saw cooling system                                      | •                |
| Saw blade travel digital speed adjustment                     | ○                |
| Saw blade travel speed adjustment                             | •                |
| Slicing mode at 90°                                           | •                |
| Barcode printer                                               | ○                |
| Data transfer via remote network connection, Ethernet and USB | •                |
| Control panel                                                 | 10" Touch screen |
| Compatibility with powder suction system                      | •                |
| Digital display for angular positioning of the head           | ○                |
| Oz Machine Softcut (Cutting optimisation program)             | ○                |
| Chip Drawer                                                   | Not Available    |

• Standard    ○ Opsiyonal

