

GEMINI - V SA

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

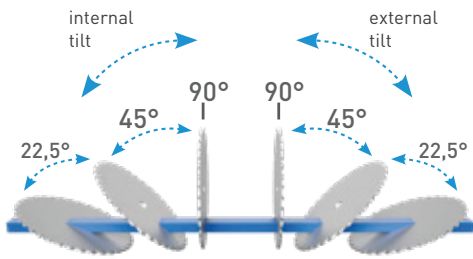


YouTube

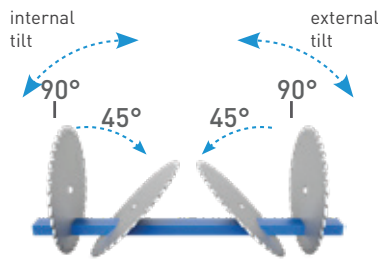


WEB

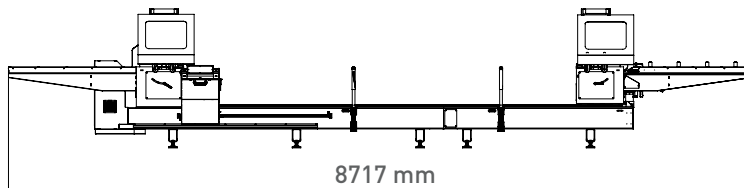
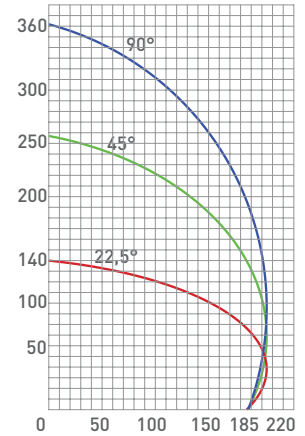
The GEMINI - V SA, a semi-automatic, single-axis servo-controlled, double-head cutting machine with a 550 mm saw blade, is ideal for cutting aluminum and PVC profiles of various angles and thicknesses. The GEMINI - V SA offers fast, hydro-pneumatic angle positioning with two inclination types: -22.5°, -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.



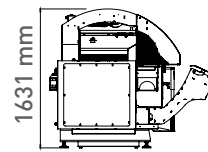
External Tilt Model



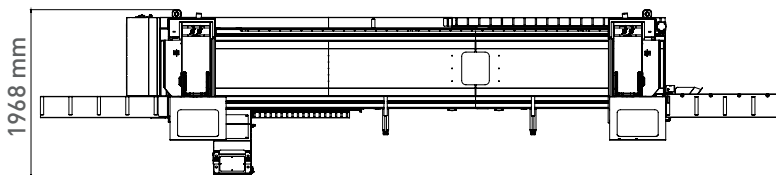
Internal Tilt Model



8717 mm



1631 mm



1968 mm

1450



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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
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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 ○ Opsiyonel