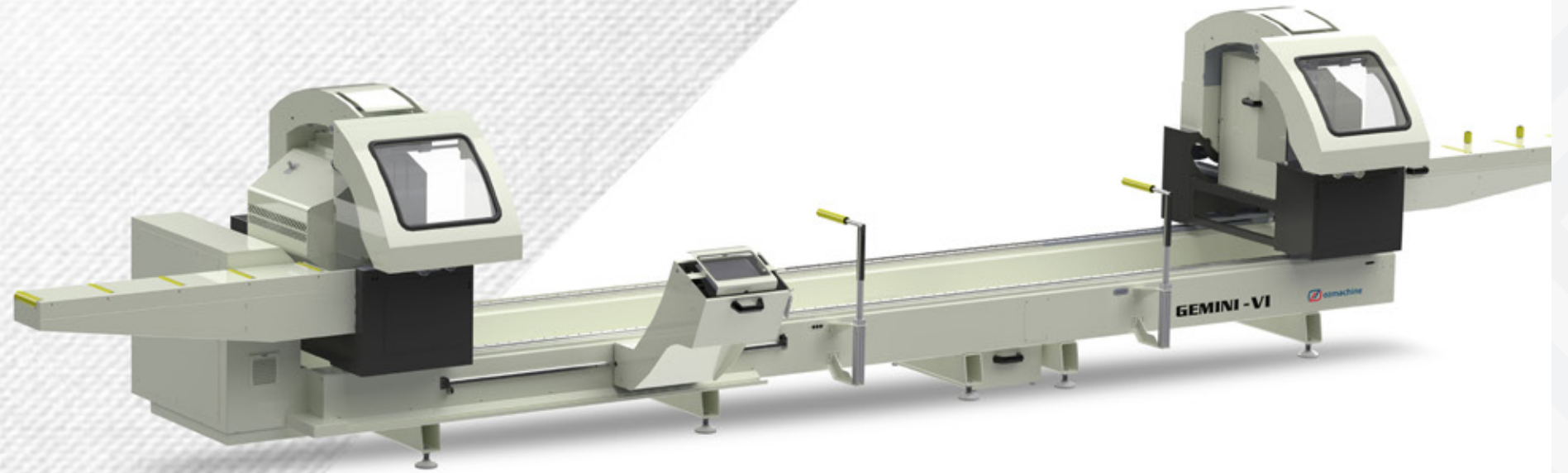


**POWER OF  
DOUBLE  
HEAD**



**GEMINI - VI**

**Double Head Front Blade  
Saw Ø 600 mm - Full  
Automation with  
3 Axis Servo Control**

1

**Accurate Positioning**

2

**Excellent Productivity**

**Flexibility**

4

3

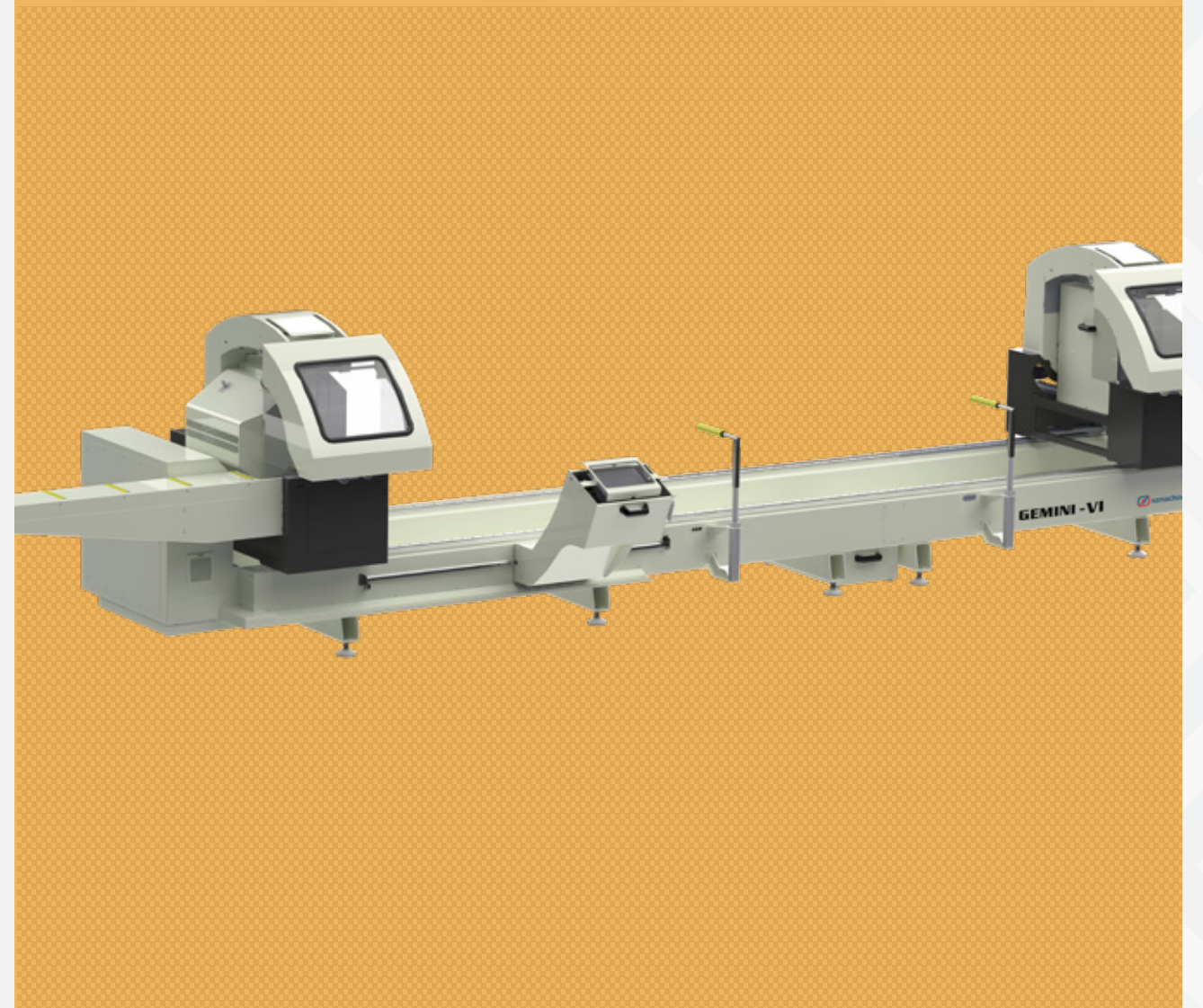
**Accurate Cutting**

**High Capacity**

5

6

**No Additional Cost**



- **Accurate Positioning**

Thanks to the Servo Controlled X axis and automatic tilting, operations are completed precisely and quickly.

- **Excellent productivity**

Ability to cut more profiles thanks to high-speed axis that surpass standard industry speed. X – 40 m / min.

- **Accurate Cutting**

Ability to cut with the 600 mm saw and robust saw head and intermediate profile support.

- **Flexibility**

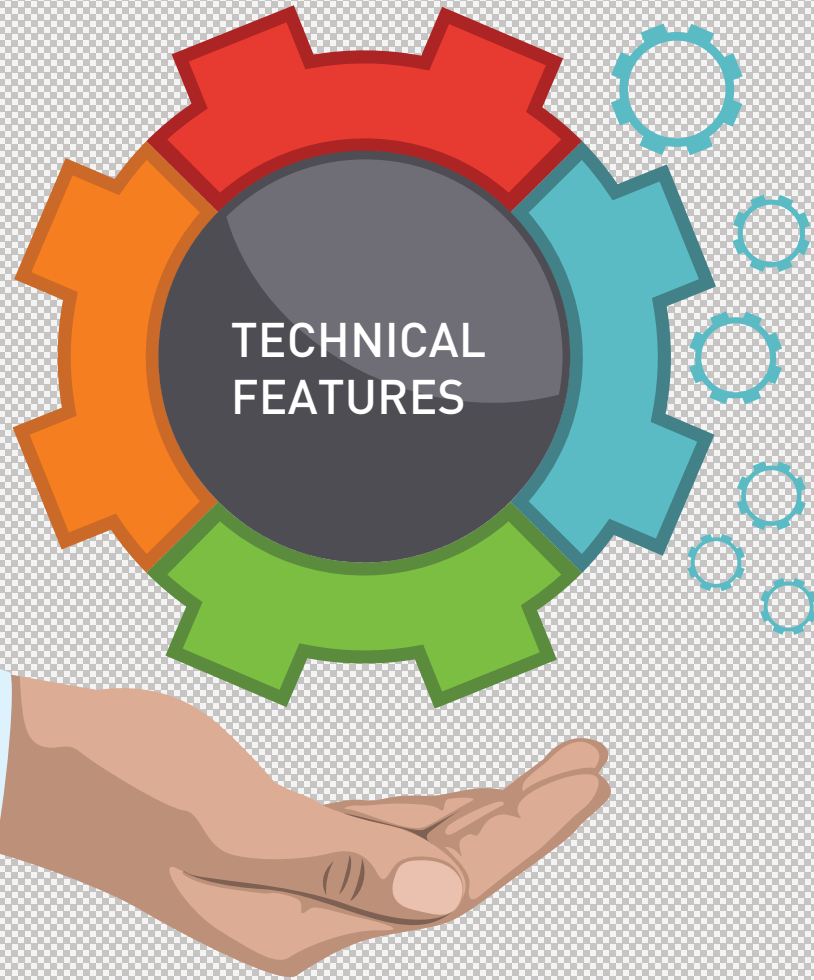
It provides the opportunity to work with all profiles thanks to any angles between -22.5° and 45°

- **High Capacity**

Thanks to its excellent engineering design, it has a higher cutting capacity than its competitors with the same saw size.

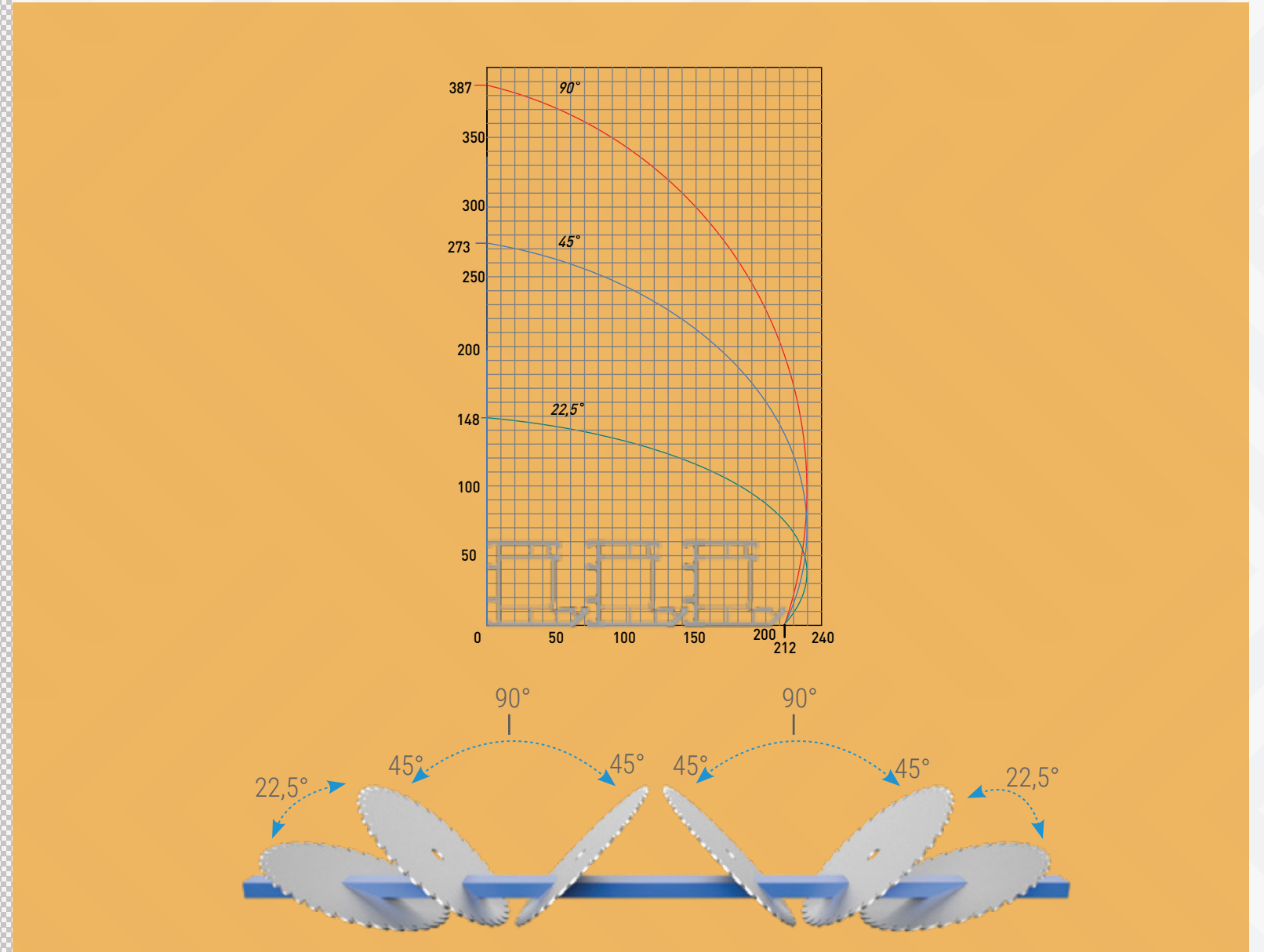
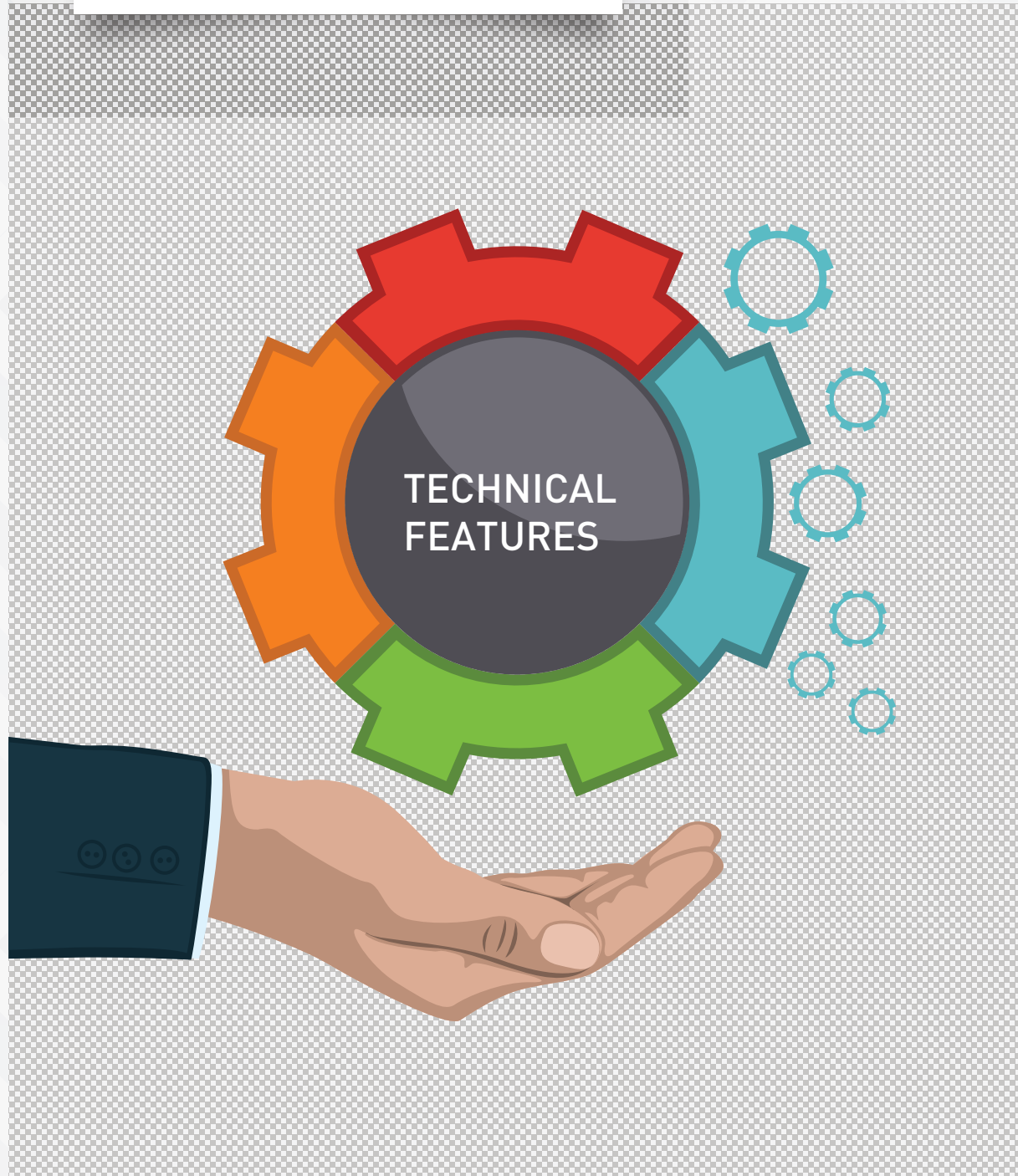
- **No Additional Cost**

Top of the range standard features including, 2x vertical clamps, Barcode reader, Manual chip evacuation, automatic measurement calculator with the molds cutting.

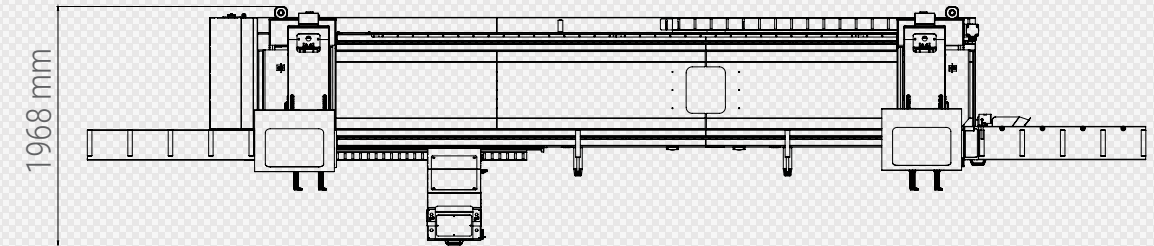
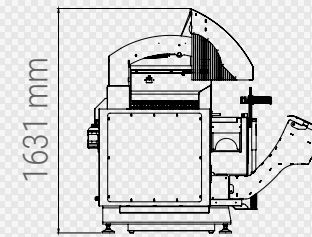
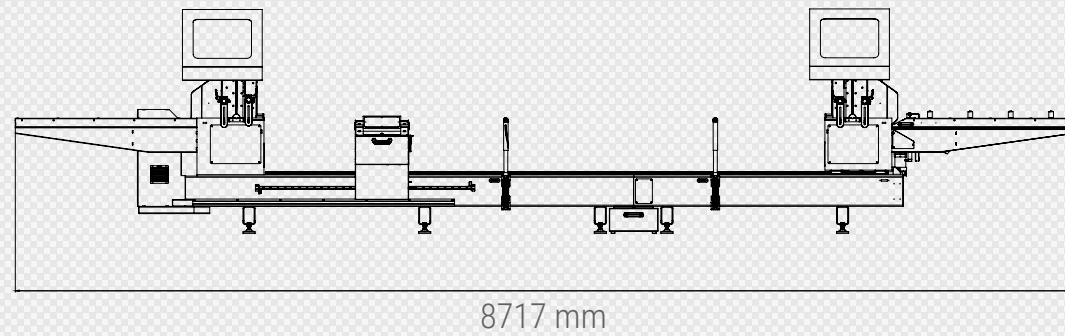


## FEATURES

3 axis servo controlled double head front blade saw with 600 mm saw blades GEMINI – VI is ideal for cutting aluminum and PVC profiles in various angles and thickness. GEMINI – VI has been designed to cut wider profiles and provides rapid and automatic positioning of heads with servo control at any angles between  $-22.5^{\circ}$  and  $45^{\circ}$ . Double head GEMINI – VI enables simultaneous cutting of profile lengths from 480 mm to 5050 mm and eliminates barriers for cutting of 5050 mm and longer profiles. Safety is a topmost priority for GEMINI – VI together with the horizontal and vertical clamps along with profile support units which improve the cutting quality.



# LAYOUT





## AXIS TRAVEL

Servo controlled rotation axis of head	•
Rapid positioning of heads with servo control at any angles between	-22.5° and 45°
Hydro-pneumatic cutting feed adjustment	•
Minimum cutting length with double head (90°/45°)	480 / 720 mm
Maximum cutting length with double head (90°/45°)	5050 / 5050 mm
Maximum internal rotation angle	45°
Maximum external rotation angle	-22.5°

## POSITIONING SPEED

X axis positioning speed	40 m/min
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## AIR

Air Pressure	6 - 8 Bar
Air Consumption	95 L/min

## ELECTRICAL

Max. Power	9,1 kW
Voltage	400 V
Frequency	50-60 Hz

## OPERATIONAL AREA

Cemented carbide saw blade	2
Saw blade diameter	600 mm
Saw blade motor power	3kW - 4HP
Profile height measurement	•
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	•
Digital adjustment saw blade travel distance	•
Saw blade travel speed adjustment	•
Angular slicing	•
Barcode writer	•
Data transfer via remote network connection, Ethernet and USB	•
Control panel	10" Touch screen
Compatibility with powder suction system	•
Automatic chip extraction unit	○
Oz Machine Softcut (Cutting optimisation program)	○

• Standard    ○ Optional



# ***Power Of*** ***Double Head***