

# GEMINI - VI

Double Head Cutting Machine Ø 600 mm - Automation with 3 Axis Servo Controlled

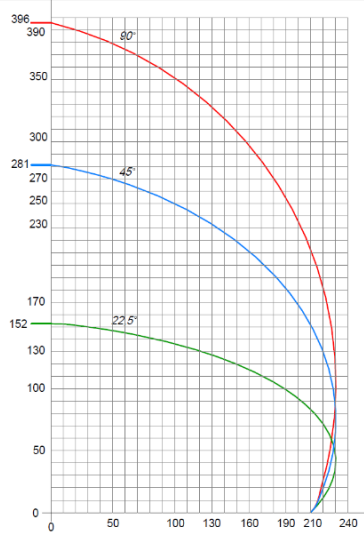
**OZ MACHINE**



3 axis servo controlled double head cutting machine with 600 mm saw blades  
GEMINI – VI is ideal for cutting aluminum and PVC profiles in various angles and thickness. GEMINI – VI is designed for cutting larger profiles.  
GEMINI – VI 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 410 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.



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Axis Servo Controlled



## FEATURES

Minimum cutting length with double head (90°/45°)	410 / 615 mm
Maximum cutting length with double head (90°/45°)	5050 / 5050 mm
X axis positioning speed	40 m/min
Maximum internal rotation angle	45°
Maximum external rotation angle	-22.5°
Cemented carbide saw blade	2
Saw blade diameter	600 mm
Saw blade motor power	3 kW
Profile height measurement	○
Cutting zone protection covers	●
Horizontal pneumatic clamps	●
Vertical pneumatic clamps	●
Manual intermediate profile support	○
Automatic intermediate profile support	●
Intermediate profile support (pcs)	2
Roller conveyor on moving head	●
Roller conveyor on fixed head	○
Cooling lubrication system	●
Ability to control saw blade travel distance	●
Digital adjustment saw blade travel distance	○
Saw blade travel speed adjustment	●
Slicing mode at 90°	●
Angle slicing mode at complimentary angles span	●
Barcode printer	●
Remote access	●
Data transfer via remote network connection, Ethernet and USB	●
Control panel	Industrial PC (IPC)
Industrial PC (IPC) Touchscreen HMI	●
Maximum profile loading length	8000 mm
Dust extractor	○

● Included      ○ Optional

*\*The production of this machine started on 06.01.2018*



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