

# GEMINI – V SA

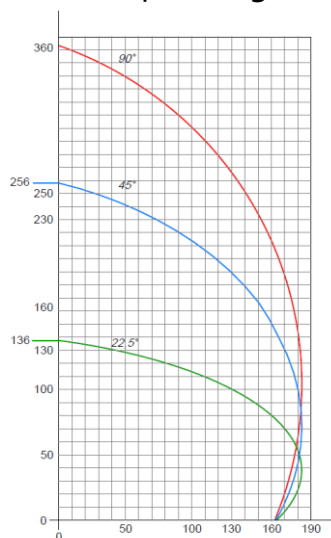
Double Head Cutting Machine Ø 550 mm  
Semi-Automatic with 1 Axis Servo Control



1 axis servo controlled double head cutting machine with 550 mm saw blades  
GEMINI – V SA is ideal for cutting aluminum and PVC profiles in various angles and thickness.

GEMINI – V SA provides rapid and automatic positioning of heads at angles - 22.5°, -45° and 90° and manual positioning at any angles between them.  
Double head GEMINI – V SA enables simultaneous cutting of profile lengths from 400 mm to 4948 mm and eliminates barriers for cutting of 4948 mm and longer profiles.

Safety is a topmost priority for GEMINI – V SA together with the horizontal clamps along with profile support units which improve the cutting quality.



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## FEATURES

Hydro-pneumatic cutting feed adjustment	•
Minimum cutting length with double head (90°/45°)	400 / 530 mm
Maximum cutting length with double head (90°/45°)	4948 / 5060 mm
X axis positioning speed	40 m/min
Manual control X axis	○
Electro control X axis	•
Rapid angle positioning of heads hydro-pneumatically	22.5°, 45° ve 90°
Hydro-pneumatic controlled rotation axis of head	•
Maximum internal rotation angle	90°
Maximum external rotation angle	-22.5°
Cemented carbide saw blade	2
Saw blade diameter	550 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)	1
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	•
Barcode printer	•
Remote access	•
Data transfer via remote network connection, Ethernet and USB	•
Control panel	Industrial PC (IPC)



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Industrial PC (IPC) Touchscreen HMI	●
Maximum profile loading length	8000 mm
Digital display for the angular positioning of the head	○
Dust extractor	○

- Included      ○ Optional

