

# GEMINI – IV SA

Double Head Cutting Machine Ø 450 mm – Semi-Automatic with  
1 Axis Servo Control

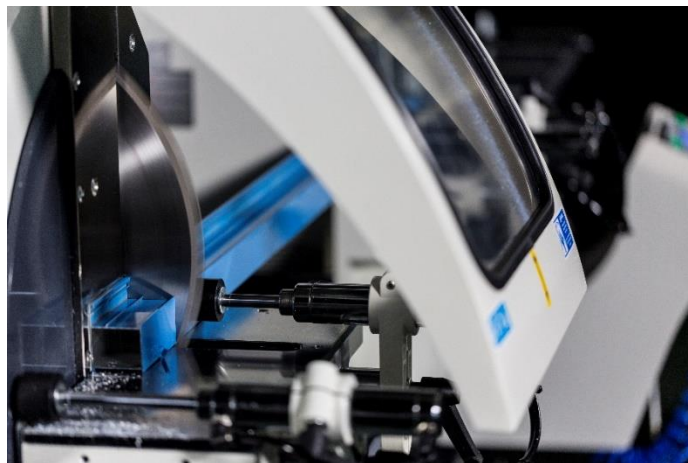
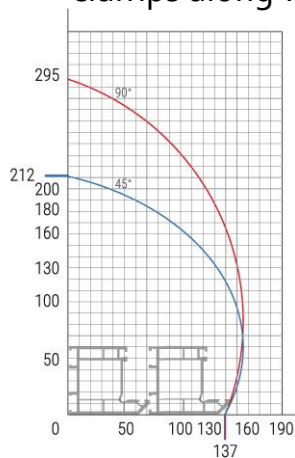


1 axis servo controlled double head cutting machine with 450 mm saw blades  
GEMINI – IV SA is ideal for cutting aluminum and PVC profiles in various angles  
and thickness.

GEMINI – IV SA provides rapid and automatic positioning of heads at angles 45°  
and 90° and manual positioning at any angles between them.

Double head GEMINI – IV SA enables simultaneous cutting of profile lengths from  
310 mm to 4000 mm and eliminates barriers for cutting of 4000 mm and longer  
profiles.

Safety is a topmost priority for GEMINI – IV 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°)	310 / 490 mm
Maximum cutting length with double head (90°/45°)	4000 / 4000 mm
X axis positioning speed	30 m/min
Electro control X axis	●
Rapid angle positioning of heads hydro-pneumatically	45° ve 90°
Hydro-pneumatic controlled rotation axis of head	●
Minimum internal rotation angle	90°
Maximum internal rotation angle	45°
Cemented carbide saw blade	2
Saw blade diameter	450 mm
Saw blade motor power	2.2 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	Smart touchscreen control panel
Industrial PC (IPC) Touchscreen HMI	○
Maximum profile loading length	6000 mm
Digital display for the angular positioning of the head	○
Dust extractor	○

● Included

○ Optional