

GEMINI – V R

Double Head Cutting Machine Ø 550 mm - Automation with 3 Axis Servo Controlled

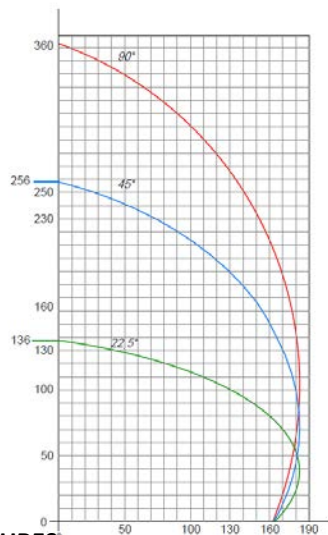


3 axis servo controlled double head cutting Machine with 550 mm saw blades GEMINI – V R is ideal for cutting aluminum and PVC profiles in various angles and thickness.

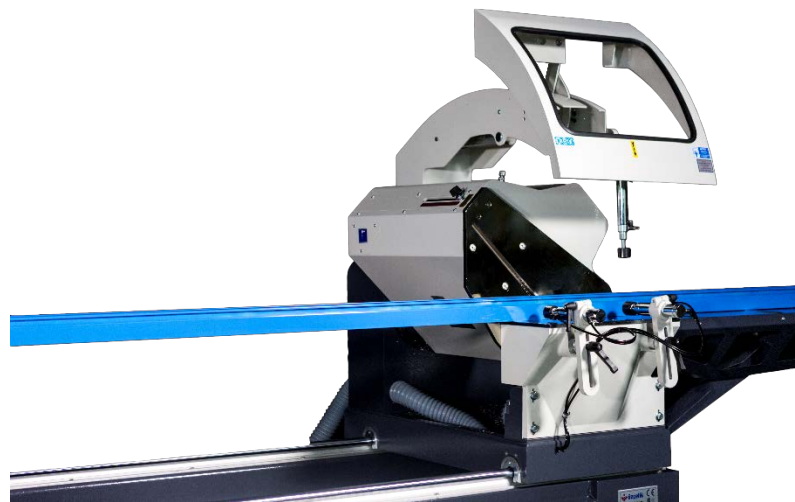
GEMINI – V R provides rapid and automatic positioning of heads with servo control at any angles between -22.5° and 45° .

Double head GEMINI – V R enables simultaneous cutting of profile lengths from 360 mm to 4930 mm and eliminates barriers for cutting of 4930 mm and longer profiles.

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



FEATURES



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GEMINI – V R

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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°)	360 / 590 mm
Maximum cutting length with double head (90°/45°)	4930 / 4930 mm
X axis positioning speed	35 m/min
Maximum internal rotation angle	45°
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)	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



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