

GEMINI – V R

Double Head Cutting Machine $\varnothing 22''$
Automation with 3 Axis Servo Controlled

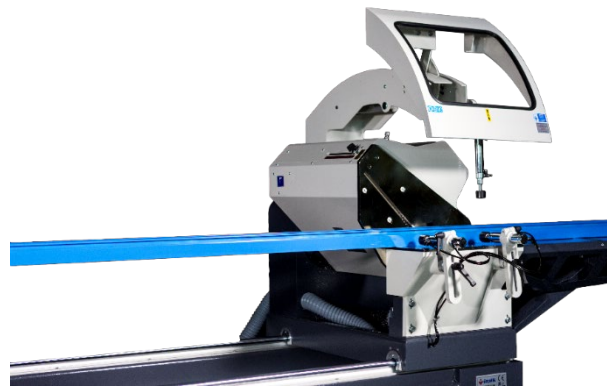
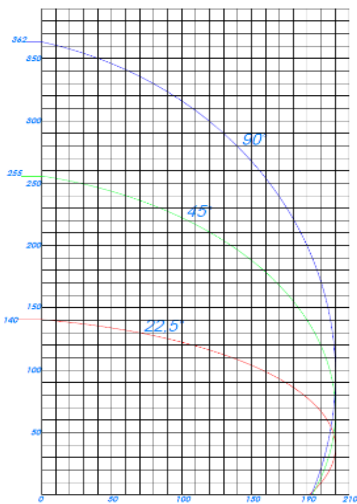


3 axis servo controlled double head cutting Machine with 22" saw blades GEMINI – V R is ideal for cutting aluminum and PVC profiles in various angles and thickness.

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 16" to 195" and eliminates barriers for cutting of 195" 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.



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GEMINI – V R

Double Head Cutting Machine Ø 22"
Automation with 3 Axis Servo Controlled



FEATURES

| | |
|---|-------------------------------|
| 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°) | 16" (360mm) / 21" (590 mm) |
| Maximum cutting length with double head (90°/45°) | 172" (4930mm) / 172" (4930mm) |
| X axis positioning speed | 1375" (35000 mm) / min |
| Maximum internal rotation angle | 45° |
| Maximum external rotation angle | -22.5° |
| Cemented carbide saw blade | 2 |
| Saw blade diameter | 22" (550mm) |
| 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 | 315" (8000mm) |
| Dust extractor | ○ |

● Included ○ Optional

| F | HP | n | 3~ Hz | I (400 V) | HP | n | 3~ Hz | I | ØD | Ød | s | n | x | | Air Pressure | Air Consumption | l x w x h (inch) | |
|---|----|-------|----------|--------------|-----------------------------|-------|----------|------|----------------------------------|----------------------------------|-------|-------|----------------------------------|-------------------------------------|-------------------------------------|--------------------|---------------------------|--|
| | kw | | | | | | | | | | | | min | max | | | | |
| M | 4 | 3000 | 50 | 6,4 | 1,1 | 3000 | 50 | 5,02 | 21 ⁵ / ₈ " | 1 ³ / ₁₆ " | 3/16" | 3000 | 45° | 45° | 6 - 8 bar | 19 gal/min | 343 x 74 x 70 3528 lbs | |
| | 3 | r.p.m | 60 | A | ^F / _M | r.p.m | 60 | A | | | | r.p.m | 20 ⁷ / ₈ " | 198 ¹⁹ / ₁₆ " | | | | |
| | | | | | ^R | | | | | | | | | 90° | 90° | | | |
| | | | | | | | | | | | | | | 15 ³ / ₄ " | 198 ¹⁹ / ₁₆ " | | | |

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