

GEMINI – V R

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

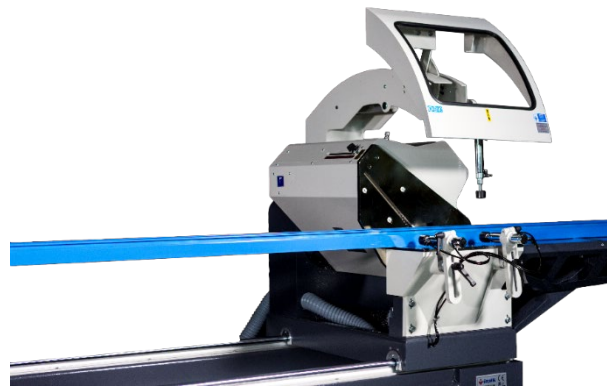
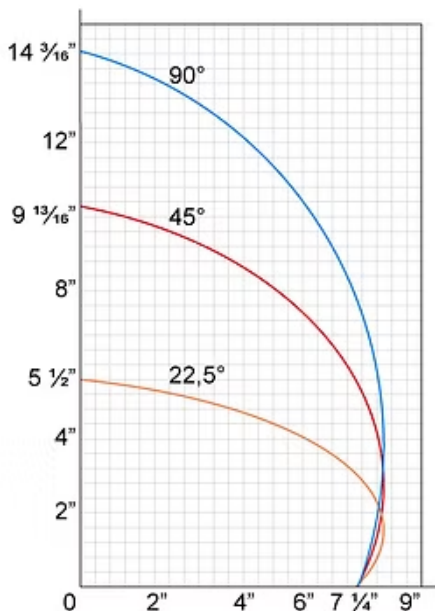


3 axis servo controlled double head cutting Machine with 22" saw blades GEMINI – V R is ideal for cutting aluminum and PVC profiles in various angles and thickness.

GEMINI – V R provides rapid and automatic positioning of heads with servo control at any angles between 22.5° and 135°.

Double head GEMINI – V R enables simultaneous cutting of profile lengths from 19" to 198" and eliminates barriers for cutting of 198" 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.



The product data, descriptions and illustrations are shown for advertising purpose in this document and Oz Machine, reserves the right to make modifications or improvements on data, descriptions and illustrations on this document without prior notice.

GEMINI – V R

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

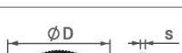


FEATURES

Servo controlled rotation axis of head	●
Rapid positioning of heads with servo control at any angles between	22.5° and 135°
Hydro-pneumatic cutting feed adjustment	●
Minimum cutting length with double head (90°/45°)	19" (480mm) / 28 1/2" (720 mm)
Maximum cutting length with double head (90°/45°)	198" (5050mm) / 198" (5050mm)
X axis positioning speed	1375" (35000 mm) / min
Maximum internal rotation angle	135°
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

																		
	HP kw	n	3 ~ Hz	I (400 V)		HP kw	n	3 ~ Hz	I	ØD	Ød	s	n	x		Air Pressure	Air Consumption	l x w x h (inch)
F	4	3000	50	6,4	F	1,1	3000	50	5,02	21 5/8"	1 3/16"	3/16"	3000	45° 28 1/2"	45° 199"	6 - 8 bar	19 gal/min	343 x 74 x 70 3528 lbs
M	3	r.p.m	60	A	M R	0,75	3000	60	A					90° 19"	90° 199"			

The product data, descriptions and illustrations are shown for advertising purpose in this document and Oz Machine, reserves the right to make modifications or improvements on data, descriptions and illustrations on this document without prior notice.