

# GEMINI – V SA

Double Head Cutting Machine Ø 22"  
Semi-Automatic with 1 Axis Servo Control



## FEATURES

GEMINI – V SA, 1 axis servo controlled double head cutting machine with 22" saw blades is ideal for cutting aluminum and PVC profiles in various angles and thickness.

- Minimum cutting length with double head 90° & 45°: 16" (360mm) / 21" (590mm)
- Maximum cutting length with double head 90° & 45°: 195" (4930mm) / 195" (4930mm)
- X axis positioning speed 1575" (40000mm) / min
- Rapid angle positioning of heads hydro-pneumatically 2.5°, 45° and 90°
- Hydro-pneumatic controlled rotation axis of head
- Maximum internal rotation angle 90°
- Maximum external rotation angle -22.5°
- Saw blade diameter 22" (550mm)
- Saw blade motor power 3 kW
- Cutting zone protection covers
- Horizontal and vertical pneumatic clamps
- Automatic intermediate profile support (2 pcs)
- Cooling lubrication system
- Manual adjustment saw blade stroke distance
- Saw blade stroke speed adjustment
- Slicing mode
- Data transfer via remote network connection, Ethernet and USB
- Smart Touchscreen Panel PC
- Maximum profile loading length 314" (8000mm)

## Standard Equipment

- Hydro-pneumatic cutting feed adjustment
- Electro control X axis
- Carbide saw blade (2 pcs)
- Roller conveyor on moving head

## Optional Equipment

- Vacuum Cleaner for chips
- Roller conveyor on fixed head

F		M		R		ØD		x		Air Pressure		Air Consumption		l x w x h (inch)					
HP kw	n	3~ Hz	I (400 V)	HP kw	n	3~ Hz	I	min	max	bar	gal/min								
F	4	3000	50	6,4	R	1,1	3000	50	5,02	21 5/8"	1 3/16"	3/16"	3000	45°	20 7/8"	198 13/16"	6 - 8	27	343 x 74 x 70
M	3	r.p.m	60	A	0,75	r.p.m	60	A		1 5/16"				90°	15 3/4"	198 13/16"			3462 lbs

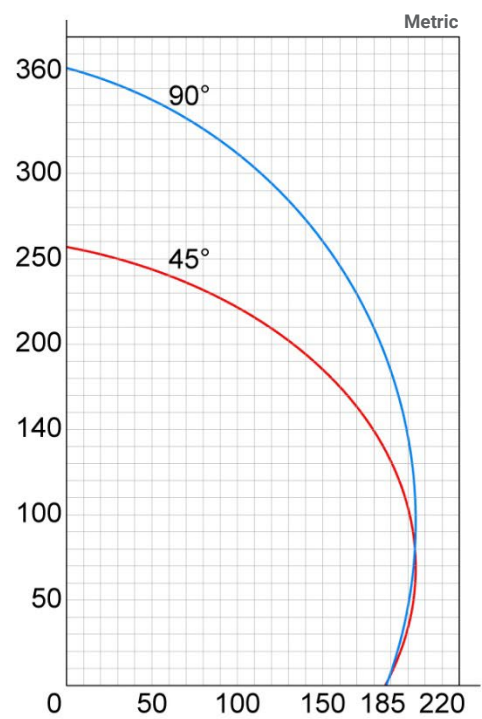
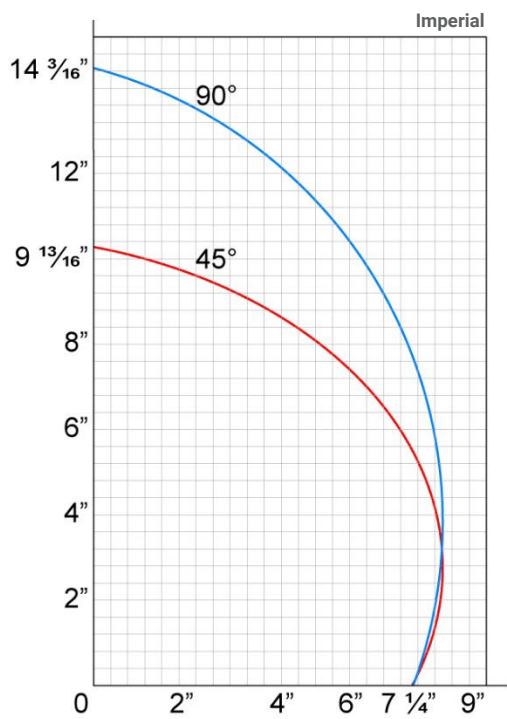
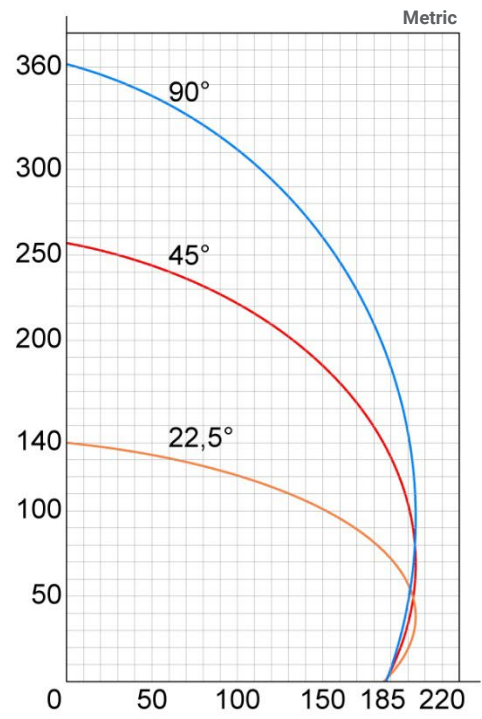
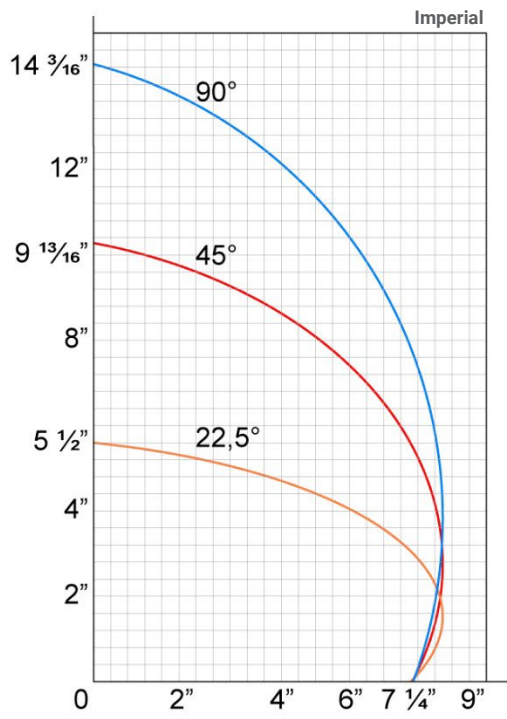
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## Cutting Diagrams



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