

# GEMINI - VI

Double Head Cutting Machine Ø 24"  
Automation with 3 Axis Servo Control



## FEATURES

GEMINI – VI, 3 axis servo controlled double head cutting machine with 24" saw blades, is ideal for cutting aluminum and PVC profiles in various angles and thickness.

- Minimum cutting length with double head 90° & 45° : 16" (410mm) / 24" (615mm)
- Maximum cutting length with double head 90° & 45° : 200" (5050mm) / 200" (5050mm)
- X axis positioning speed 1575" (40000mm)/min
- Maximum internal rotation angle 45°
- Maximum external rotation angle -22.5°
- Saw blade diameter 24" (600mm)
- Saw blade motor power 3 kW
- Profile height measurement
- 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
- Remote access
- 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

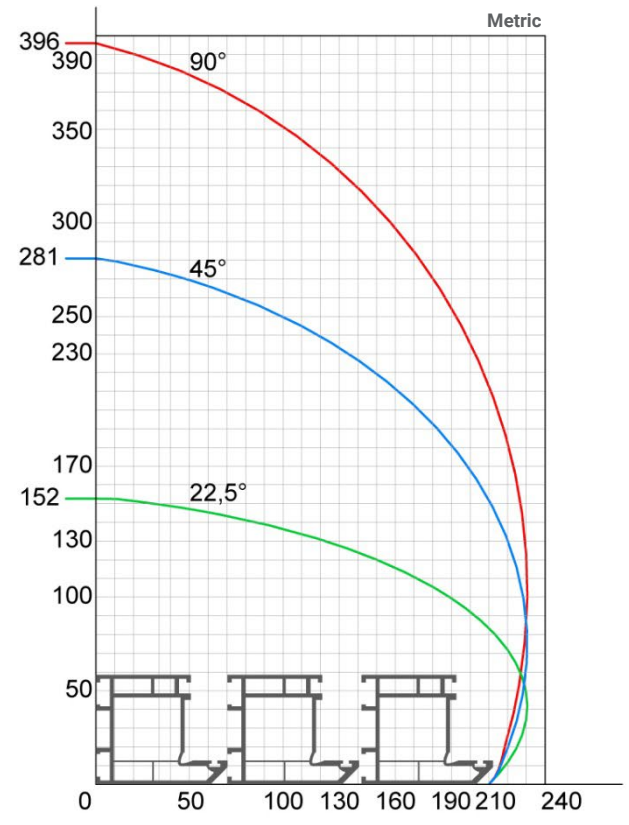
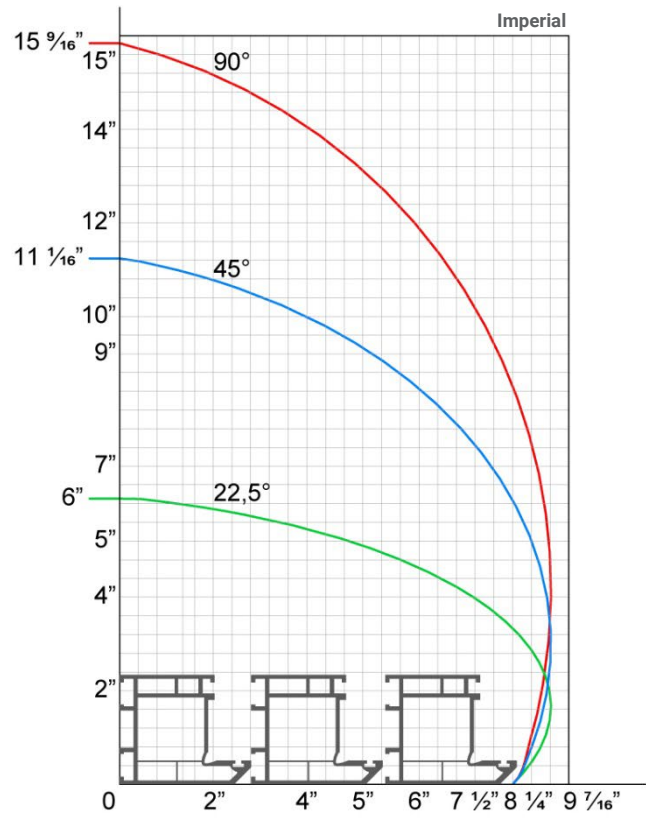
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## Cutting Diagrams



F	HP	n	3~ Hz	I (400 V)	F	HP	n	3~ Hz	I	$\varnothing D$	$\varnothing d$	s	n	x		Air Pressure	Air Consumption	l x w x h (inch)
	kw													min	max			
M	4	3000	50	15	M	1,7	3000	50	5,02	21s/8"	1 3/16"	3/16"	3000	45° 17 3/4"	45° 236 1/4"	6 - 8 bar	40 gal/min	356 x 89 x 64 4410 lbs
	3	r.p.m	60	A	R	0,75	r.p.m	60	A		1 5/16"			90° 17 3/4"	90° 236 1/4"			

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