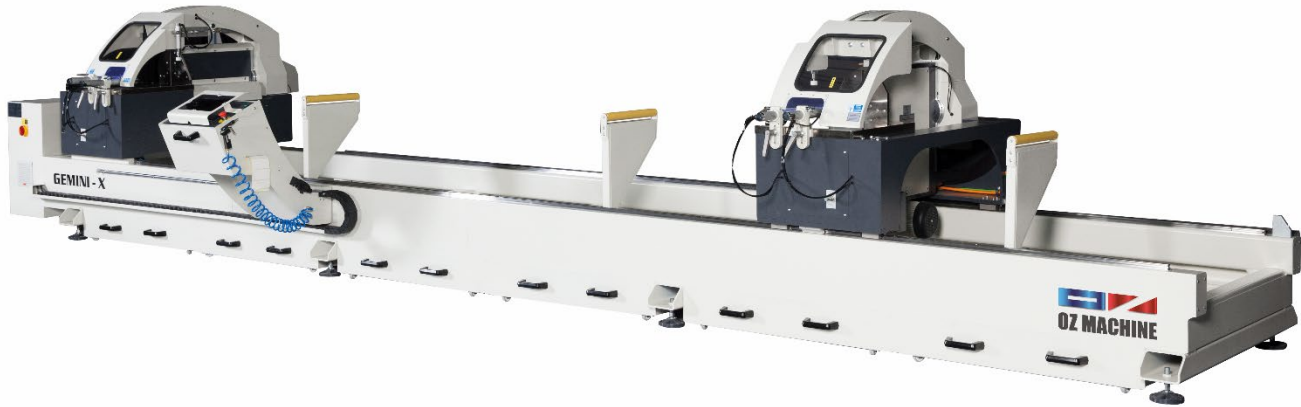


GEMINI - X

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



FEATURES

GEMINI – X, 3 axis servo controlled radial double head cutting machine, is ideal for cutting aluminum and PVC profiles in various angles and thickness.

- Servo controlled rotation axis of head at any angles between 30° and 90°
- Rapid positioning of heads with servo control
- Hydro-pneumatic cutting feed adjustment
- Minimum cutting length with double head 90° & 45° : 18" / 18" (450mm)
- Maximum cutting length with double head 90° & 45° : 236" / 236" (6000mm)
- X axis positioning speed 1570" (40m) / min
- Minimum internal rotation angle 90°
- Maximum internal rotation angle 30°
- Saw blade diameter 22" (550mm)
- Saw blade motor power 3 kW
- Profile height measurement
- Cutting zone protection covers
- Horizontal and Vertical pneumatic clamps
- Automatic intermediate profile support (3 pcs)
- Cooling lubrication system
- Slicing mode
- Manual control saw blade stroke distance
- Saw blade stroke speed adjustment
- Remote access, data transfer via Ethernet and USB
- Smart Touchscreen Panel PC
- Maximum profile loading length 314" (8000mm)

Standard Equipment

- Electro control X axis
- Carbide saw blade (2 pcs)
- Roller conveyor on moving head
- Digital adjustment saw blade stroke distance

Optional Equipment

- Vacuum Cleaner for chips
- Roller conveyor on fixed head

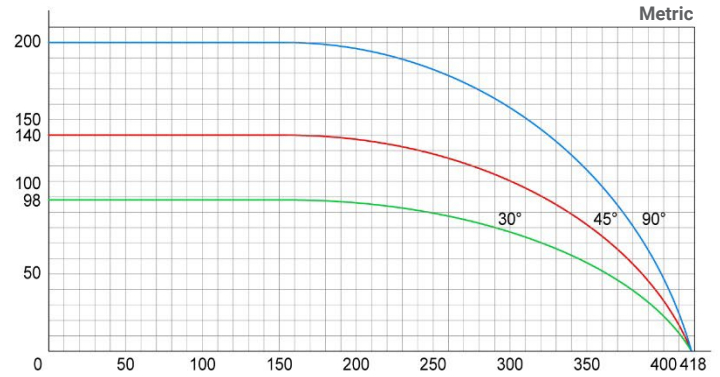
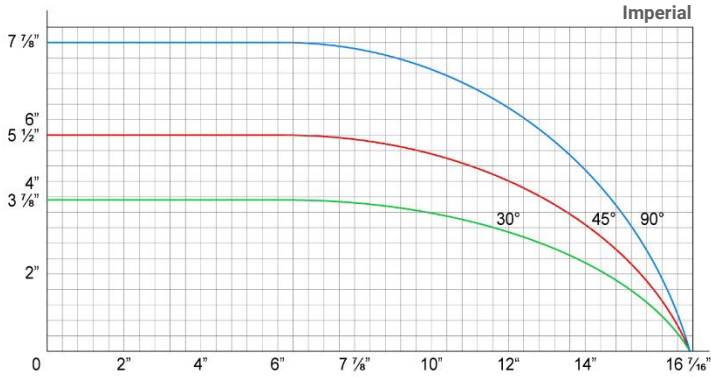
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Automation with 3 Axis Servo Control



Cutting Diagrams



F		M		F				M				R				n		s		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	$\varnothing D$	$\varnothing d$	s	n	min	max	bar	gal/min										
4		3000	50	15	1,7	4000	50	3,15	21 5/8"	1 3/16"	3/16"	3000	45°	45°	6 - 8	1.58 - 2.1	356 x 89 x 64		4410 lbs								
3		r.p.m	60	A		r.p.m	60	A						17 3/4"	236 1/4"												
														90°	90°												
														17 3/4"	236 1/4"												

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