OZ MACHINE USA

GEMINI X

Radial Double Head Saw Ø 22" – Full Automation, 3 Axis Servo



Radial double head saw for wide profiles and the longest cuts in the range: up to 236.2". Servo heads tilt from 90° to 150°, the X axis travels at 131 ft/min and three automatic supports carry the profile.

22"	90–150°	236.2"	131 ft/min
Radial saw blades (2)	Servo angle positioning	Max. cutting length	X-axis speed

KEY FEATURES

- Radial cut for wide profiles
- 3 automatic intermediate supports
- Smart touchscreen panel PC
- Profile height measurement (optional)
- Slicing mode, digital stroke adjustment
- Ethernet / USB, remote access

WATCH IT RUN

GEMINI X video on the Oz Machine USA YouTube channel

youtu.be/CxweuQpii3I

Saw motors	Voltage	Air	Dimensions · Weight
2 × 3 kW / 4 HP	220V 3P, 60 Hz	5.3 CFM · 100 psi	356 x 54 x 87" · 4,410 lb

TECHNICAL DATA

GEMINI X

Radial Double Head Saw Ø 22" – Full Automation, 3 Axis Servo

OZ MACHINE USA

CUTTING CAPACITY

Min. cutting length 90° / 45°	18.1" (460 mm)
Max. cutting length 90° / 45°	236.2" (6000 mm)
Max. profile loading length	315.0" (8000 mm)
Servo angle positioning	90°–150°
X axis positioning speed	131 ft/min (40 m/min)

SAW BLADES

Carbide saw blades	2
Diameter (ØD)	22"
Bore (Ød)	1 3/16" / 1 5/16"
Thickness (s)	3/16"
Blade speed	3,000 rpm

MOTORS

Saw motors (2)	3 kW / 4 HP
Saw motor speed	3,000 rpm
Saw motor current (220V)	15 A
Servo motors F / M / R	1.7
Servo motor speed / current	4,000 rpm / 3.15 A

AIR & ELECTRICAL

Voltage	220V 3P, 60 Hz
Air pressure	100 psi
Air consumption	5.3 CFM

EQUIPMENT

Servo controlled X axis	●
Servo controlled head tilt, 90°–150°	●
Hydro-pneumatic cutting feed adjustment	●
Profile height measurement	○
Cutting zone protection covers	●
Horizontal and vertical pneumatic clamps	●
Automatic intermediate profile supports (3)	●
Roller conveyor on moving head	●
Roller conveyor on fixed head	○
Cooling lubrication system	●
Slicing mode	●
Digital saw blade stroke distance adjustment	●
Saw blade stroke speed adjustment	●
Remote access, Ethernet and USB	●
Smart touchscreen panel PC	●
Vacuum cleaner for chips	○

DIMENSIONS & WEIGHT

Machine size, l x w x h	356 x 54 x 87"
Metric	9040 x 1365 x 2210 mm
Weight	4,410 lb

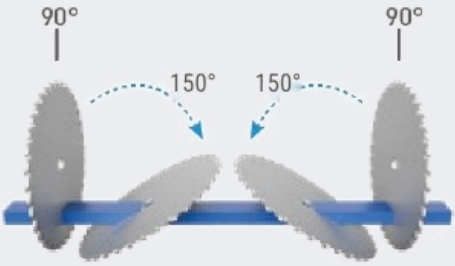
● Standard ○ Optional

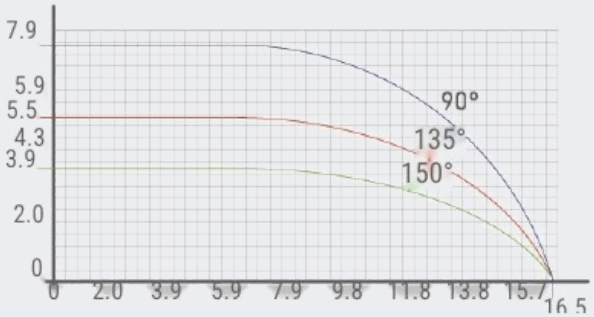
GEMINI X

Radial Double Head Saw Ø 22" – Full Automation, 3 Axis Servo

OZ MACHINE USA

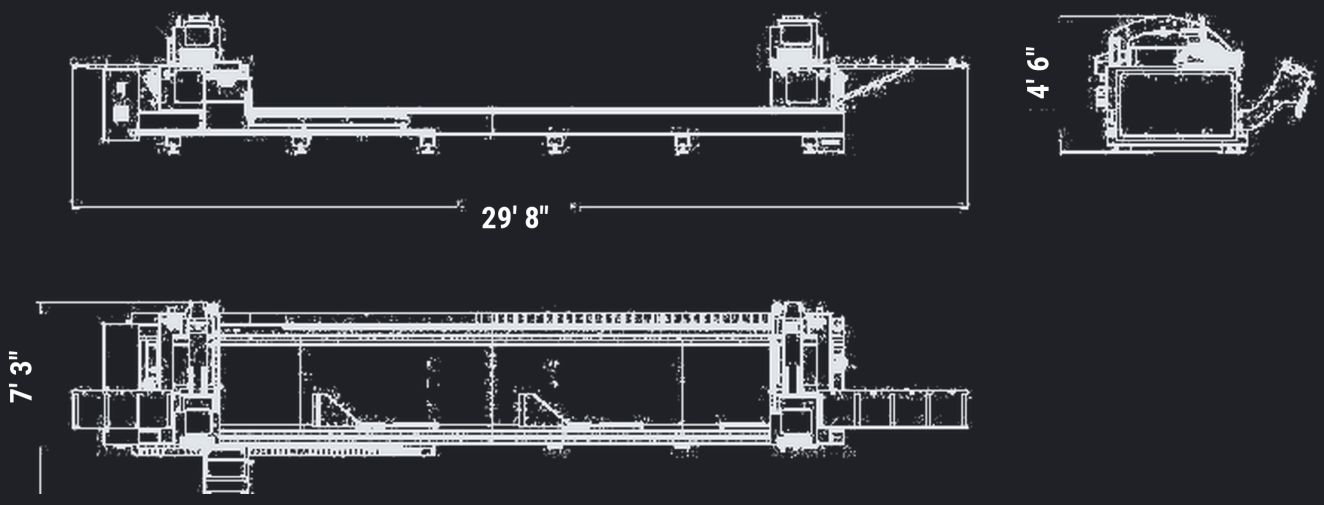
CUTTING DIAGRAM





Dimensions in inches.

LAYOUT PLAN



Dimensions in feet and inches. Overall machine size 356 x 54 x 87", 4,410 lb.

OZ MACHINE USA
2690 West 3rd Court, Hialeah, FL 33010
+1 833-390-0060 (toll-free) · sales@ozmachineusa.com

USA · CANADA · MEXICO

Product data, descriptions and illustrations may change without prior notice.