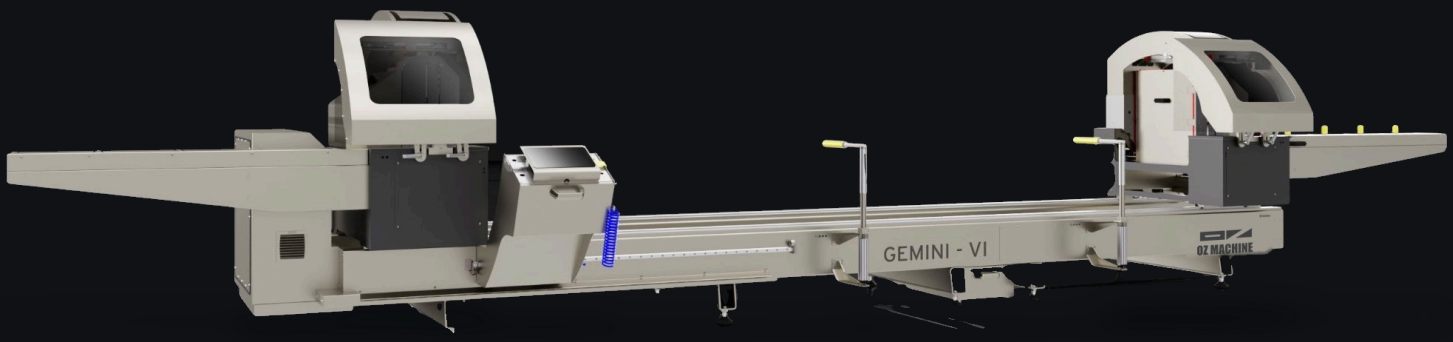
OZ MACHINE USA

GEMINI VI

Double Head Saw Ø 24" – Full Automation, 3 Axis Servo



The largest-blade GEMINI: 24" blades on three servo axes for tall and wide profiles, 22.5° to 135°, with slicing mode and optional profile height measurement.

24"	22.5–135°	18.9–198.8"	131 ft/min
Saw blades (2)	Servo angle positioning	Cutting length	X-axis speed

KEY FEATURES

- Profile height measurement (optional)
- 2 automatic intermediate supports
- Ethernet / USB, remote access
- Slicing mode
- Smart touchscreen panel PC
- Pneumatic vertical and horizontal clamps

WATCH IT RUN
GEMINI V R / VI double head saws in action
youtu.be/Hu0rsqMmEWs

Saw motors	Voltage	Air	Dimensions · Weight
2 × 3 kW / 4 HP	220V 3P, 60 Hz	3.4 CFM · 100 psi	343 x 64 x 77" · 4,410 lb

TECHNICAL DATA

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CUTTING CAPACITY

Min. cutting length 90° / 45°	18.9" (480 mm) / 28.3" (720 mm)
Max. cutting length 90° / 45°	198.8" (5050 mm)
Max. profile loading length	315.0" (8000 mm)
Servo angle positioning	22.5°–135°
X axis positioning speed	131 ft/min (40 m/min)

SAW BLADES

Carbide saw blades	2
Diameter (ØD)	24"
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, HP / kW	1.7 / 0.75
Servo motor speed / current	3,000 rpm / 5.02 A

AIR & ELECTRICAL

Voltage	220V 3P, 60 Hz
Air pressure	100 psi
Air consumption	3.4 CFM

EQUIPMENT

Servo controlled X axis	●
Servo controlled head tilt	●
Hydro-pneumatic cutting feed adjustment	●
Profile height measurement	○
Cutting zone protection covers	●
Horizontal and vertical pneumatic clamps	●
Automatic intermediate profile supports (2)	●
Roller conveyor on moving head	●
Roller conveyor on fixed head	○
Cooling lubrication system	●
Manual saw blade stroke distance adjustment	●
Saw blade stroke speed adjustment	●
Slicing mode	●
Remote access	●
Data transfer: network, Ethernet, USB	●
Smart touchscreen panel PC	●
Vacuum cleaner for chips	○

DIMENSIONS & WEIGHT

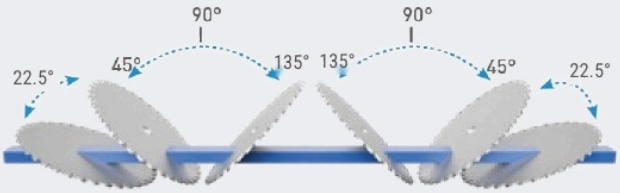
Machine size, l x w x h	343 x 64 x 77"
Metric	8717 x 1631 x 1968 mm
Weight	4,410 lb

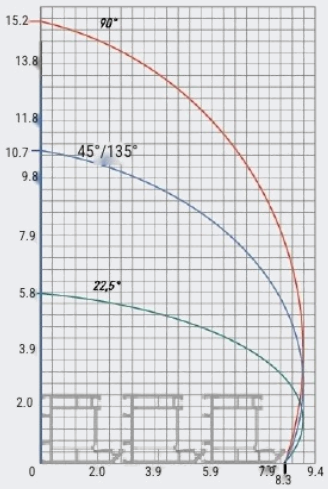
● Standard ○ Optional

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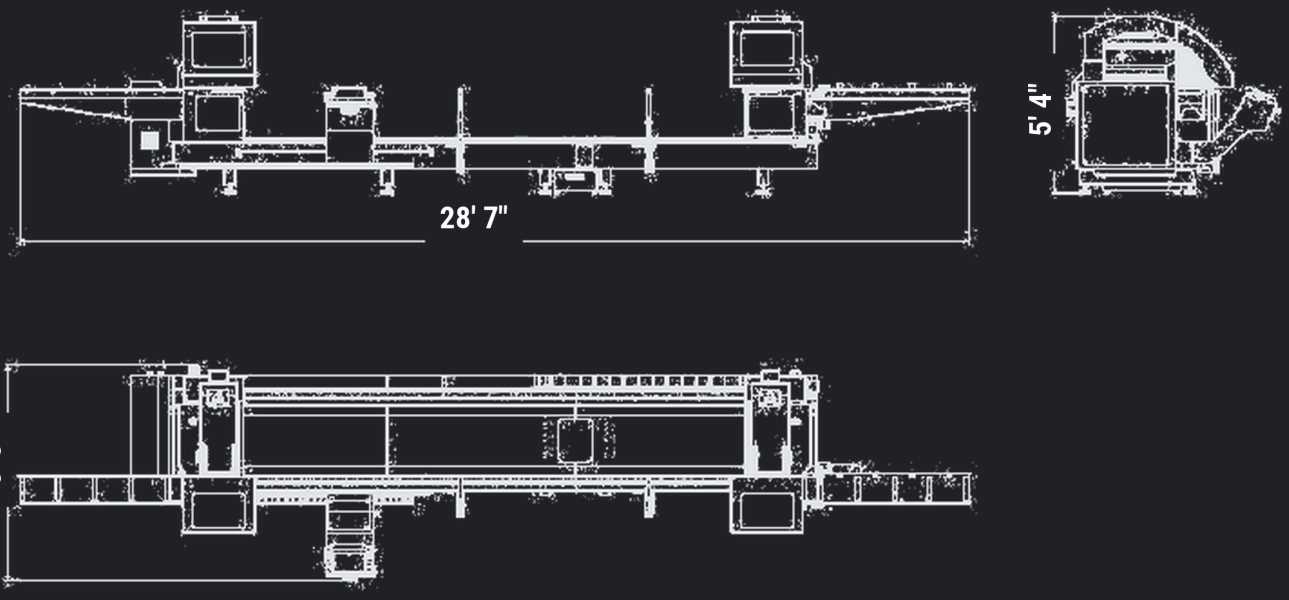
CUTTING DIAGRAM





Dimensions in inches.

LAYOUT PLAN



Dimensions in feet and inches. Overall machine size 343 x 64 x 77", 4,410 lb.

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