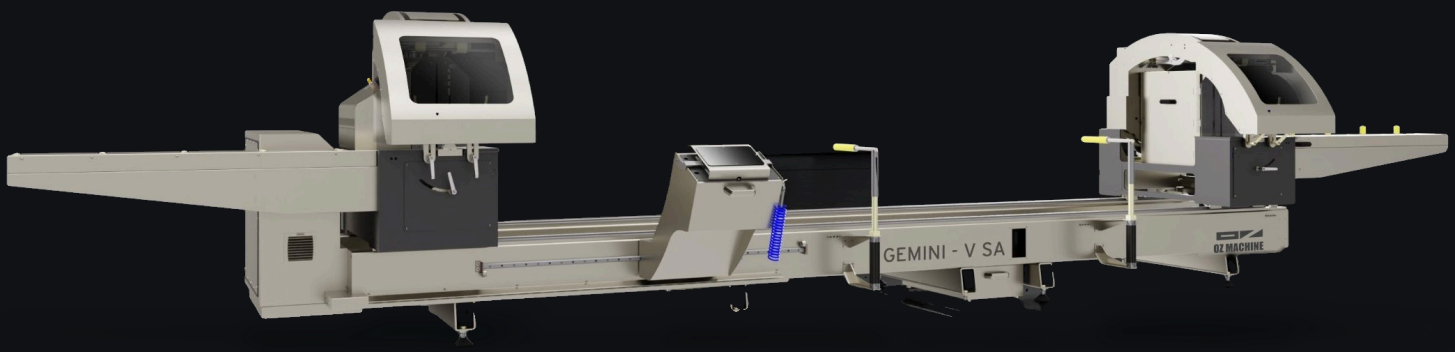
OZ MACHINE USA

GEMINI V SA

Double Head Saw Ø 22" – Semi-Automatic, 1 Axis Servo



22" blades and a servo X axis for profiles up to 198.8". Inward-tilt option: 90° and 135°; outward-tilt option: 22.5°, 45° and 90°. Slicing mode and a smart touchscreen PC are standard.

22"	90 / 135°	22.5 / 45 / 90°	198.8"
Saw blades (2)	Inward tilt option	Outward tilt option	Max. cutting length

KEY FEATURES

- + Servo controlled X axis, slicing mode
- + 2 automatic intermediate supports
- + Ethernet / USB data transfer
- + Hydro-pneumatic head tilt
- + Smart touchscreen panel PC
- + Pneumatic vertical and horizontal clamps

WATCH IT RUN

GEMINI V SA video on the Oz Machine USA YouTube channel
youtu.be/IuR4BeVj9cA

Saw motors	Voltage	Air	Dimensions · Weight
2 × 3 kW / 4 HP	220V 3P, 60 Hz	3.5 CFM · 100 psi	343 x 64 x 77" · 3,462 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)
Inward tilt option	90° and 135°
Outward tilt option	22.5°, 45° and 90°
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)	6.4 A
X axis servo motor	0.75 kW / 1.1 HP
X axis motor speed / current	3,000 rpm / 5.02 A

AIR & ELECTRICAL

Voltage	220V 3P, 60 Hz
Air pressure	100 psi
Air consumption	3.5 CFM

EQUIPMENT

Servo controlled X axis	●
Hydro-pneumatic head tilt	●
Hydro-pneumatic cutting feed adjustment	●
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	●
Smart touchscreen panel PC	●
Data transfer: network, Ethernet, USB	●
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	3,462 lb

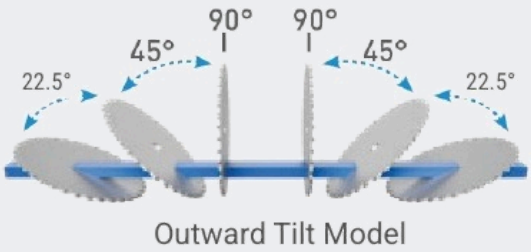
● Standard ○ Optional

GEMINI V SA

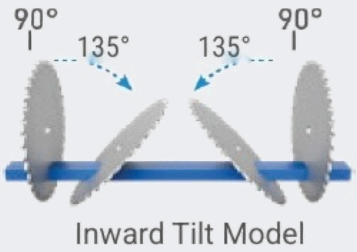
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CUTTING DIAGRAM



Outward Tilt Model

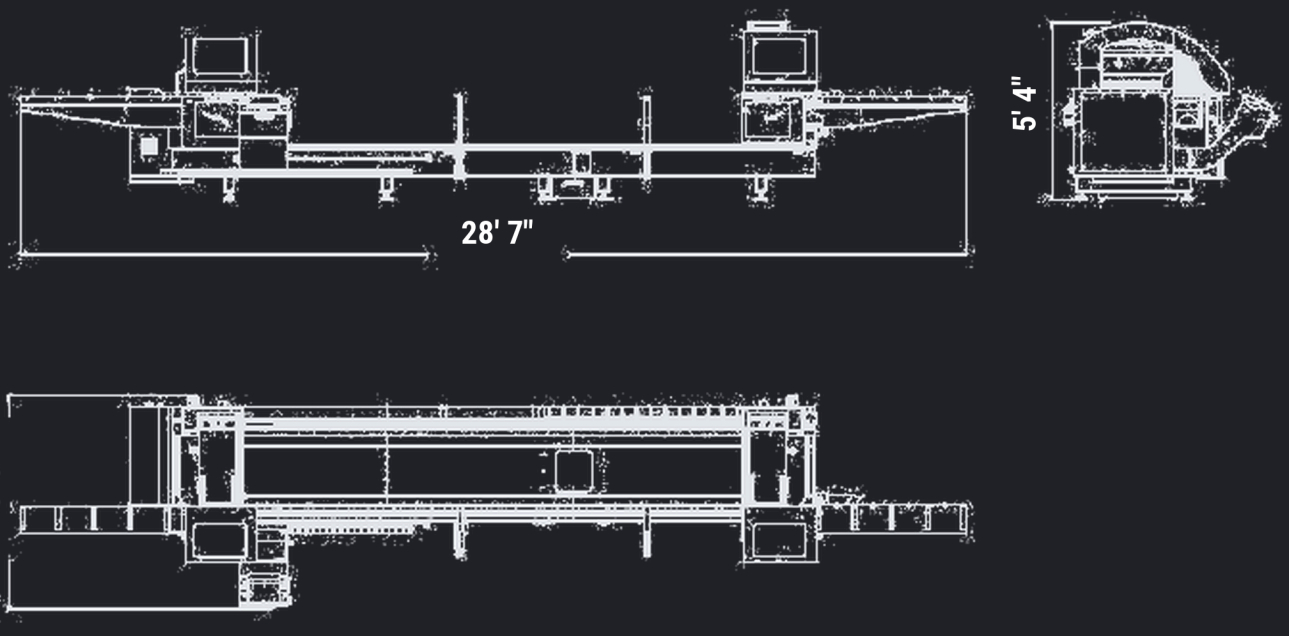


Inward Tilt Model



Dimensions in inches.

LAYOUT PLAN



Dimensions in feet and inches. Overall machine size 343 x 64 x 77", 3,462 lb.

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