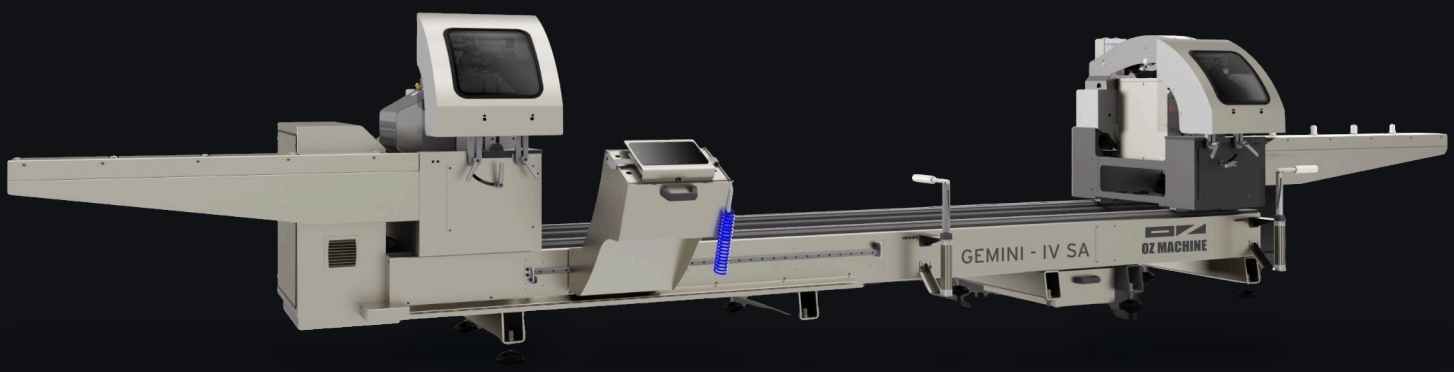
OZ MACHINE USA

GEMINI IV SA

Double Head Saw Ø 18" – Semi-Automatic, 1 Axis Servo



Servo-driven X axis with 18" blades. The heads tilt hydro-pneumatically: the inward-tilt option cuts at 90° and 135°, the outward-tilt option at 45° and 90°. Two automatic intermediate supports hold long profiles.

18"	90 / 135°	45 / 90°	159.1"
Saw blades (2)	Inward tilt option	Outward tilt option	Max. cutting length

KEY FEATURES

- Servo controlled X axis, 131 ft/min
- 2 automatic intermediate supports
- Ethernet / USB data transfer
- Hydro-pneumatic head tilt
- Roller conveyor on moving head
- Pneumatic vertical and horizontal clamps

WATCH IT RUN

GEMINI IV SA video on the Oz Machine USA YouTube channel

youtu.be/Z33WUY_4fuE

Saw motors	Voltage	Air	Dimensions · Weight
2 × 2.2 kW / 3 HP	220V 3P, 60 Hz	4.2 CFM · 100 psi	303 x 68 x 67" · 2,480 lb

TECHNICAL DATA

GEMINI IV SA

Double Head Saw Ø 18" – Semi-Automatic, 1 Axis Servo

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CUTTING CAPACITY

Min. cutting length 90° / 45°	15.7" (400 mm) / 19.3" (490 mm)
Max. cutting length 90° / 45°	159.1" (4040 mm)
Inward tilt option	90° and 135°
Outward tilt option	45° and 90°
X axis positioning speed	131 ft/min (40 m/min)

SAW BLADES

Carbide saw blades	2
Diameter (ØD)	18"
Bore (Ød)	1 3/16" / 1 5/16"
Thickness (s)	3/16"
Blade speed	3,000 rpm

MOTORS

Saw motors (2)	2.2 kW / 3 HP
Saw motor speed	3,000 rpm
Saw motor current (220V)	9 A
X axis servo motor	0.8 kW / 1.1 HP
X axis motor speed / current	3,000 rpm / 4.8 A

AIR & ELECTRICAL

Voltage	220V 3P, 60 Hz
Air pressure	100 psi
Air consumption	4.2 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	●
Cooling lubrication system	●
Manual saw blade stroke distance adjustment	●
Saw blade stroke speed adjustment	●
Data transfer: network, Ethernet, USB	●
Vacuum cleaner for chips	○

DIMENSIONS & WEIGHT

Machine size, l x w x h	303 x 68 x 67"
Metric	7700 x 1735 x 1705 mm
Weight	2,480 lb

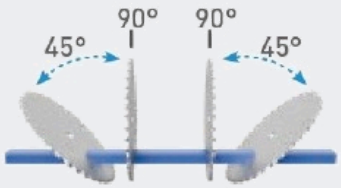
● Standard ○ Optional

GEMINI IV SA

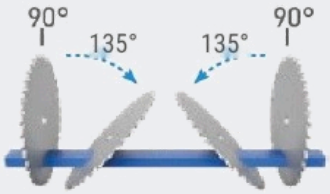
Double Head Saw Ø 18" – Semi-Automatic, 1 Axis Servo

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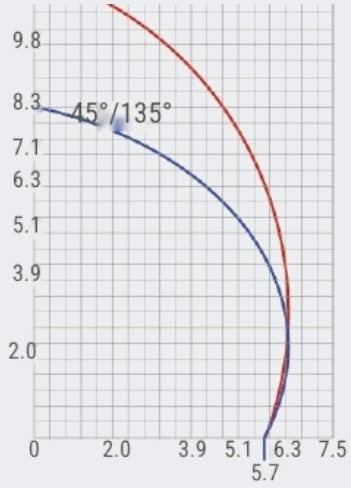
CUTTING DIAGRAM



Outward Tilt Model

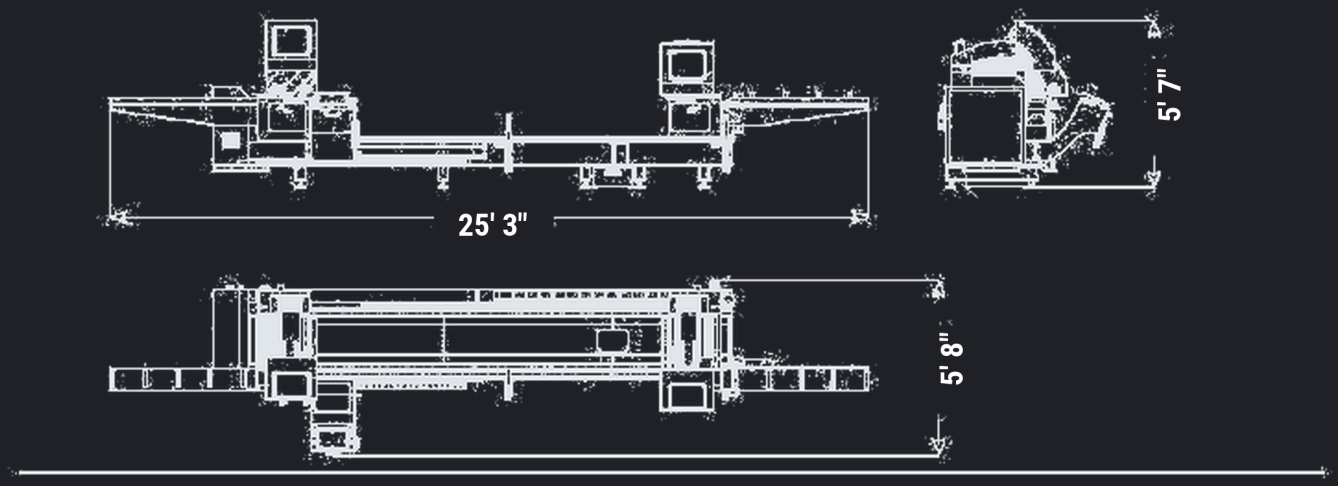


Inward Tilt Model



Dimensions in inches.

LAYOUT PLAN



Dimensions in feet and inches. Overall machine size 303 x 68 x 67", 2,480 lb.

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