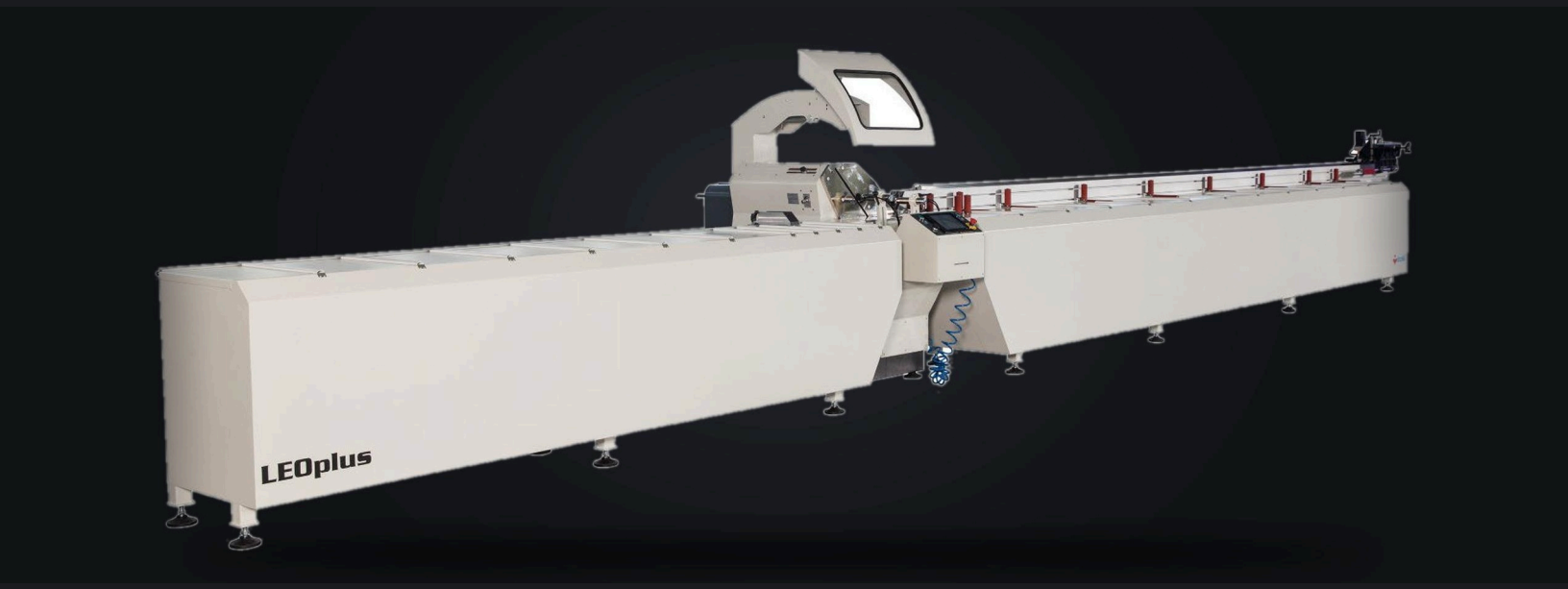
OZ MACHINE USA

LEOplus

Automatic Cutting Machine with Auto-Feeder



Automatic 22" saw with a servo-controlled robotic loading gripper for aluminum and PVC / vinyl profiles. The head is positioned by servo at any angle between 45° and 157.5°, the gripper feeds profiles up to 236.2" long, and horizontal clamps hold every cut.

22"	45–157.5°	236.2"	295 ft/min
Saw blade	Servo angle positioning	Max. profile loading length	Gripper X-axis speed

KEY FEATURES

- Servo-controlled robotic loading gripper
- Slicing mode at any angle
- Industrial touchscreen PC, Ethernet / USB
- Servo head positioning 45°–157.5°
- Output conveyor with manual gauge
- Profile height measurement (optional)

WATCH IT RUN
LEOplus video on the Oz Machine USA YouTube channel
youtu.be/FMWlstRn4lw

Saw motor	Voltage	Air	Dimensions · Weight
3 kW / 4 HP	220V 3P, 60 Hz	2.2 CFM · 100 psi	451 x 75 x 63" · 2,536 lb

TECHNICAL DATA

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SAW UNIT

Saw blade diameter	22"
Saw blade speed	3,000 rpm
Saw motor	3 kW / 4 HP
Cutting angles	45°–157.5°, servo positioning
Maximum internal / external rotation angle	157.5° / 45°
Cemented carbide saw blade	●
Hydro-pneumatic cutting feed	●
Saw stroke distance control	●
Saw stroke speed adjustment	●
Slicing mode at any angle	●
Cooling lubrication system	●

CLAMPING AND SAFETY

Horizontal pneumatic clamps	●
Cutting zone protection covers	●

LOADING

Servo-controlled robotic loading gripper	●
Gripper manual Y and Z adjustment	●
Gripper X-axis positioning speed	295 ft/min (90 m/min)
Maximum profile loading length	236.2" (6000 mm)
Digital loading conveyor integration	●
Output conveyor with manual gauge	●

● Standard ○ Optional

CONTROL

Industrial PC touchscreen HMI	●
Servo motors	0.75 kW / 1 HP
Remote access	●
Data transfer via Ethernet and USB	●

OPTIONAL EQUIPMENT

Profile height measurement	○
Vertical pneumatic clamp	○
Digital saw stroke adjustment	○
Barcode printer	○
Dust extractor	○

AIR & ELECTRICAL

Voltage	220V 3P, 60 Hz
Air pressure	100 psi
Air consumption	2.2 CFM

DIMENSIONS & WEIGHT

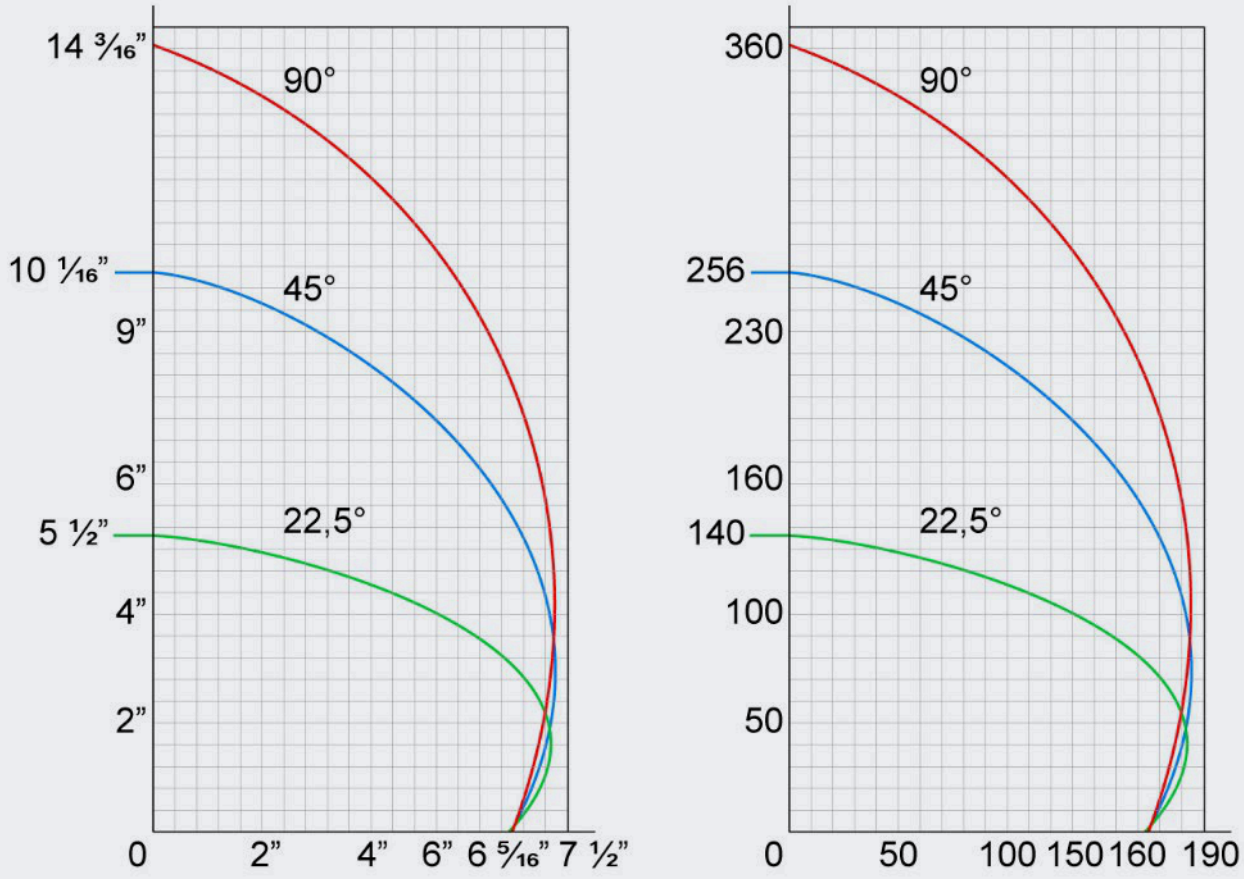
Machine size, l x w x h	451 x 75 x 63"
Weight	2,536 lb

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CUTTING DIAGRAM



Cutting capacity by angle. Dimensions in inches and millimeters.

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