OZ MACHINE USA

LEO R

Automatic Single Head Saw Ø 22" – 2 Axis Servo Controlled



Automatic single head saw for aluminum and PVC / vinyl profiles. Two servo axes position the 22" head at any angle between 45° and 157.5° and drive the digital length stop, while horizontal and vertical clamps and the protection cover keep cutting safe.

22"	45–157.5°	2 axes	132"
Saw blade	Servo angle positioning	Servo-controlled	Max. cutting length

KEY FEATURES

- Servo-controlled digital length stop
- Digital saw stroke adjustment
- Pneumatic vertical and horizontal clamps
- Hydro-pneumatic cutting feed
- Works from cutting lists, barcode printer
- Secure two-hand start

WATCH IT RUN
LEO R video on the Oz Machine USA YouTube channel
youtu.be/PHNFBfyVpso

Air	Voltage
1.1 CFM · 100 psi	220V 3P, 60 Hz

TECHNICAL DATA

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SAW UNIT

Saw blade diameter	22" (bore 1 3/16")
Saw blade speed	3,000 rpm
Saw motor	3 kW / 4 HP
Cutting angles	45°–157.5°, servo positioning
Carbide saw blade	●
Hydro-pneumatic cutting feed	●
Digital saw stroke adjustment	●
Saw stroke speed adjustment	●
Cooling lubrication system	●
Cutting length, min. / max.	11 13/16" / 132"

CLAMPING AND SAFETY

Horizontal and vertical pneumatic clamps	●
Cutting zone protection covers	●
Secure two-hand control	●

CONTROL

Servo axes (angle, length stop)	2
Servo motors	0.75 kW / 1.7 HP
Smart touchscreen panel PC	●
Works from cutting lists	●
Barcode printer	●
Remote access	●
Data transfer via Ethernet and USB	●

OPTIONAL EQUIPMENT

Digital loading conveyor integration	○
Conveyor (left)	○
Dust extractor	○
Manual saw stroke adjustment	○

AIR & ELECTRICAL

Voltage	220V 3P, 60 Hz
Air pressure	100 psi
Air consumption	1.1 CFM

DIMENSIONS & WEIGHT

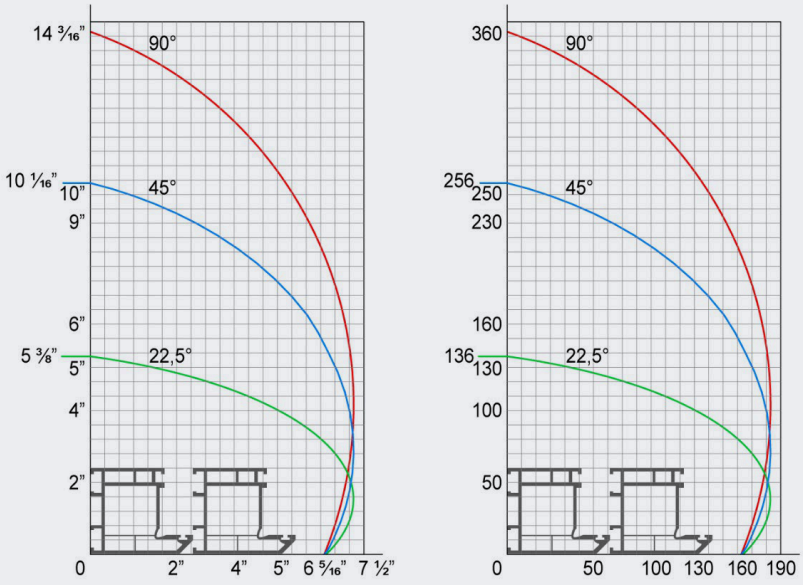
Machine size, l x w x h	168 x 75 x 63"
Weight	970 lb

● Standard ○ Optional

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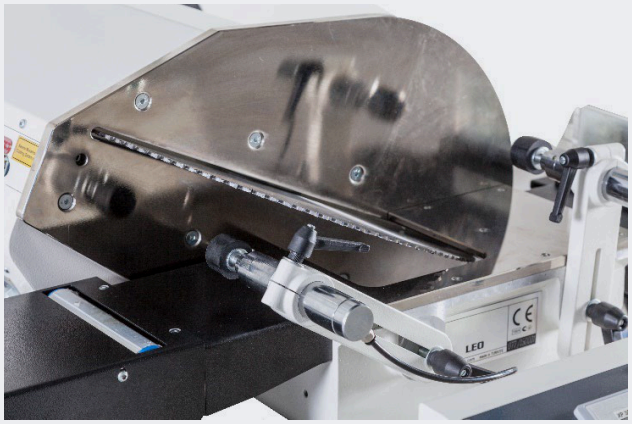
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CUTTING DIAGRAM



Cutting capacity by angle. Dimensions in inches and millimeters.

PROTECTION COVER



TOUCHSCREEN CONTROL



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