

LEOplus

Automatic Cutting Machine with Forward Motion Blade
Ø 22" with Robot Profile Drive System

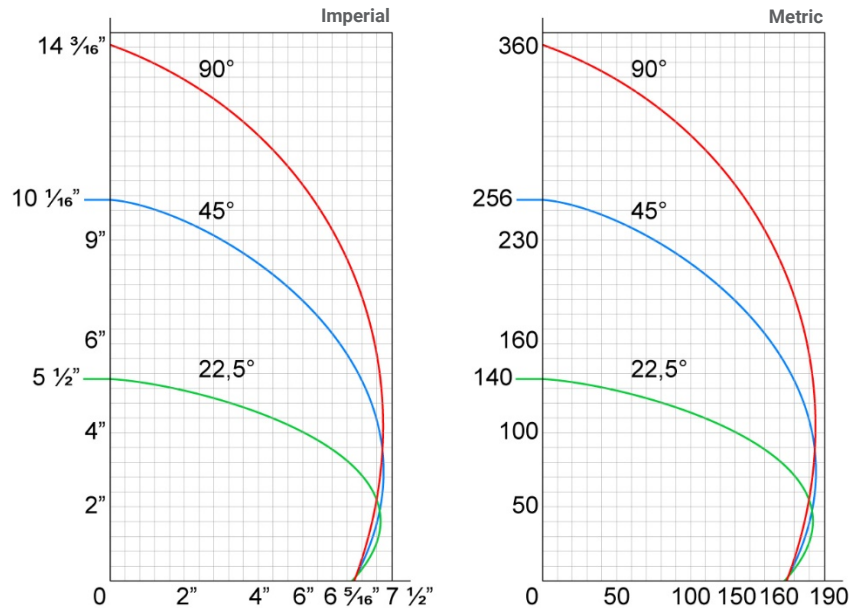


SUMMARY

Automatic cutting machine with 22" saw blade LEOplus is ideal for cutting aluminum and PVC / Vinyl profiles in various angles and thickness.

LEOplus provides rapid and precise process with servo controlled positioning of heads at any angles between -22.5° and 45° and servo controlled robotized profile loading gripper. Safety is a topmost priority for LEOplus together with the horizontal and vertical clamps which improve the cutting quality.

Cutting Diagrams



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FEATURES

Rapid angle positioning of heads with servo control at any angles between	-22.5° and 45°
Maximum internal rotation angle	45°
Maximum external rotation angle	-22.5°
Hydro-pneumatic cutting feed adjustment	●
Cemented carbide saw blade	1
Saw blade diameter	22" (560mm)
Saw blade motor power	3 kW
Profile height measurement	○
Cutting zone protection covers	●
Horizontal pneumatic clamps	●
Vertical pneumatic clamp	○
Cooling lubrication system	●
Ability to control saw blade travel distance	●
Digital adjustment saw blade travel distance	○
Saw blade travel speed adjustment	●
Barcode printer	○
Remote access	●
Data transfer via ethernet and USB	●
Industrial PC (IPC) Touchscreen HMI	●
Slicing mode at any angle	●
Output conveyor with manual gauge	●
Digital loading conveyor integration	●
Servo controlled robotized profile loading gripper	●
Gripper manual Y and Z axis adjustment	●
Robot gripper X axis positioning speed	3540" (90m) / min
Maximum profile loading length	236" (6000mm)
Dust extractor	○

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