

ALCOR - I

CNC Controlled Profile Cutting Center (3 Axis)

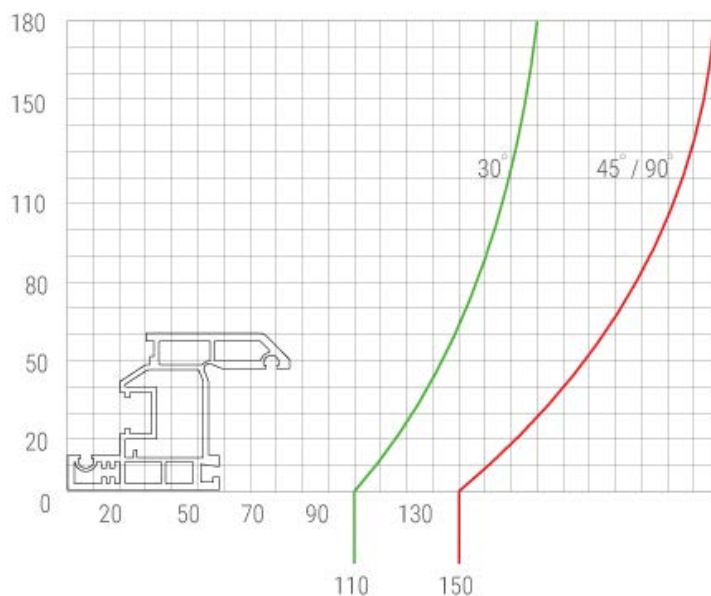
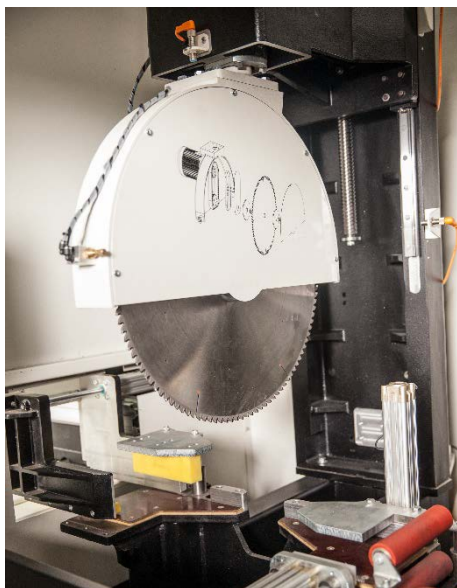
OZ MACHINE



The 3-axis CNC cutting center ALCOR - I is designed to cut profiles made of aluminum, PVC and all kinds of light alloy profiles.

The cutting unit with a 550 mm diameter saw blade for cutting at every angle between 30° and 150° offers a wide cutting range to users.

Thanks to the feeding capacity of 7 profiles, the conveyor structure enables batch processing, letting the machine to be used in the most efficient manner.



OZ MACHINE

www.oz-machine.com

The product data, descriptions and illustrations are shown for advertising purpose in this document and Oz Machine, reserves the right to make modifications or improvements on data, descriptions and illustrations on this document without prior notice.

AXIS TRAVEL

| | |
|--|---------|
| TZ Axis (Cutting unit vertical movement) | 200 mm |
| TA Axis (Cutting unit rotation) | 122° |
| SR Axis (Drive robot) | 7390 mm |
| GrY Axis (Gripper lateral) | 117 mm |
| GrZ Axis (Gripper vertical) | 115 mm |

POSITIONING SPEED

| | |
|--|-----------|
| TZ Axis (Cutting unit vertical movement) | 32 m/min |
| TA Axis (Cutting unit rotation) | 120°/sn |
| SR Axis (Drive robot) | 110 m/min |

CUTTING UNIT

| | |
|--|-----------------|
| Cutting angles span | 30° / 150° |
| Saw blade diameter | 550 mm |
| Maximum profile cutting dimensions at 90° (width / height) | 150 mm / 180 mm |
| Saw blade motor power | 3kW - 4HP |

LOADING AND UNLOADING UNIT

| | |
|--|---------|
| Minimum profile loading length | 700 mm |
| Maximum profile loading length | 6500 mm |
| Minimum profile unloading length | 270 mm |
| Profile loading capacity | 7 |
| Automatic chip discharge conveyor unit | ● |

GRIPPER AXES TRAVEL

| | |
|---------------------------------|----------------|
| GrY Axis (Lateral) min. / max. | 20 mm / 117 mm |
| GrZ Axis (Vertical) min. / max. | 20 mm / 115 mm |

CONTROL UNIT

| | |
|---|-----|
| Industrial PC - Touchscreen | 15" |
| Remote access | ● |
| Data transfer via remote network connection, Ethernet and USB | ● |
| Barcode writer | ○ |
| Compatible with optimized cutting list data | ● |

OPERATIONAL AREA

| | |
|--|---|
| Automatic clamp positioning on X-axis | ● |
| Automatic lubrication in processing area | ● |
| Guard cabin for cutting area | ● |

● Included

○ Optional