

AL-110/50 Profile Cutting Center (Ø:500 mm - 19.69 in.)

SAWS » AL-110/50

- Automatic and fast cutting of profiles at different lengths.
- Loading of 10 profiles. (maximum 7000 mm (275.59 in.) length)
- Automatically feeds the profiles from the loading magazine, cuts at the desired lengths.
- The 500 mm (19.69 in.) saw blade diameter enables the cutting of wide profiles.
- Automatic swing of the saw to all angles between 45° and 135° with 0.1° accuracy.
- Tilt movement to desired angles is provided by servo motors.
- Accurate cutting lengths due to servo system.
- The cut work pieces are automatically moved to an off-loading station.
- The saw blade feed speed can be adjusted.
- Data transfer is available via network connection or USB interface.
- By online connection to the entire system, remote detection of malfunctions and maintenance is available.
- 15" touchscreen.
- High performance industrial PC with Windows 10 operating system works without needing a fan between 0°C – 55°C. (32°F – 131°F)
- All error messages can be monitored from the screen by the machinery software department.
- Full integration with various window and door production software.
- Label printer. (AK 003)

OPTIONAL

- Automatic conveyor belt system to transport scrap profiles to waste container.
- Dust and Chips extraction system. (ES 024)

CAPACITY

- Minimum 2400 meters (7,874 ft.)/8 hours
- Maximum 2600 meters (8,530 ft.)/8 hours

Technical Features :

• Power supply: 400V, 3 ~, 50/60 Hz	• Working air pressure: 6-8 bar (90-120 psi)
• Total Power Output: 11.5 kW, 25A	• Machine height: 1700 mm (66.92 in.)
• Spindle speed: 2800 rpm (50 Hz), 3360 rpm (60 Hz)	• Machine length: 13400 mm (527.56 in.)
• Saw blade motor power: 3.5 kW (4.69 hp)	• Machine width: 3600 mm (141.73 in.)
• Maximum cutting length: 4000 mm (157.48 in.); optional: 7000 mm (275.59 in.)	• Machine weight: 3200 kg (7,040 lb.)
• Minimum cutting length: 400 mm (15.74 in.)	
• Maximum raw profile length: 7000 mm (275.59 in.)	

* Please refer to the cutting diagram for maximum profile width and height.

