

## AL-115 Profile Cutting Center (Ø:600 mm - 23.62 in.)

SAWS » AL-115

- Automatic and fast cutting of PVC profiles in different length
- 10 profile loading capacity. (maximum profile length of 7000 mm (275.59 in.))
- Able to cut profiles in desired dimensions by taking profiles from loading belt automatically.
- Able to cut wide profiles easily with the 600 mm (23.62 in.) diameter saw.
- Able to make automatic cuts at all angles between 45° and 135° in 0.1° increments via servo motors.
- Automatic transfer of the cut parts to the output station.
- Adjustable saw feed speed.
- Remote network connection or data transfer from USB.
- Able to provide service with remote connection and troubleshooting by connecting to whole automation system.
- 15" touch screen.
- High performance industrial PC having Windows 10 operating system and working between 0°C – 55°C (32°F – 131°F) without an additional fan.
- Waste parts are transferred to the waste container by an automatic conveyor belt system.
- Full integration with window-door production software programs.
- All error messages can be monitored from the screen by the machinery software department.

### OPTIONAL

- End milling unit for two different profile cross sections
- Label printer. (AK 003)

### 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	• Minimum profile cutting length: 400 mm (15.74 in.)
• Saw Blade Motor Power: 3 kW	• Working air pressure: 6-8 bar (90-120 psi)
• Total Power Output: 10 kW, 22A	• Air consumption: 255 l/min. (9.00 cfm)
• Spindle speed: 2800 rpm (50 Hz), 3360 rpm (60 Hz)	• Machine height: 2350 mm (92.51 in.)
• Maximum profile cutting length: 4000 mm (157.48 in.) optional 7000 mm (275.59 in.)	• Machine length: 13650 mm (537.40 in.)
• Maximum raw profile length: 7000 mm (275.59 in.)	• Machine width: 4100 mm (161.41 in.)
	• Machine weight: 4200 kg (9,240 lb.)

