

## SC-220/70 Profile Machining Center

PROFILE MACHINING CENTERS » SC-220/70

- All cutting, notching, milling, drilling and marking operations on the aluminum profiles have been integrated together in a single computer-controlled machine.
- 7 profile stacking capability, 500 mm (19.69 in.) saw diameter (maximum profile length 7000 mm (255.90 in.))
- Automatic horizontal/vertical positioning gripper.
- Able to cut automatically at all angles between 45° and 135° in 0.1° increments via servo motors.
- Able to work with high speed and sensitivity thanks to 8 axes controlled by servo motors.
- Able to perform opening, drilling and milling operations of angled water drainage channels.
- Able to carry remaining waste parts to the waste chamber with automatic conveyor system.
- Increased production speed with simultaneous machining of barrel, mirror and arms on doors.
- Able to perform all operations sensitively with an 8-tool set in the milling group.
- 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.
- Working with production data coming from different window production software programs by giving minimum waste.
- All error messages can be monitored from the screen by the machinery software department.
- Able to provide service with remote connection method and troubleshooting by connecting to the whole automation system.
- Operating system ensures maximum safety measures against virus spreading and user errors by cleaning unnecessary processes of the last login automatically at every opening/closing of the machine.
- Remote network connection or data transfer via USB.
- Possibility to perform daily back up operation to internal back up unit automatically.
- Daily, weekly, monthly and annually production control with shift control system.
- Central lubricating system that facilitates machine maintenance.

### Technical Features :

• Power supply: 400V, 3 ~, 50/60 Hz	• Minimum raw profile length: 1000 mm (39.37 in.)
• Total Power Output: 20 kW, 50A	• Minimum profile processing length: 350 mm (13.77 in.)
• Saw Blade Motor Power : (SC-220/70 & SC-220/80) 3 kW	• Working air pressure: 6-8 bar (90-120 psi)
• Maximum profile processing height: 160 mm (6.29 in.)	• Air consumption: 750 l/min. (26.48 cfm)
• Maximum profile processing width: 130 mm (5.11 in.)	• Machine height: 2500 mm (98.42 in.)
• Minimum profile processing height: 35 mm (1.37 in.)	• Machine length: 15300 mm (602.36 in.)
• Maximum profile processing length: 4000 mm (157.48 in.)	• Machine width: 3600 mm (141.73 in.)
• Maximum raw profile length: 7000 mm (275.59 in.)	• Machine weight: 5700 kg (12,540 lb.)

## SC-220/80 Profile Machining Center

PROFILE MACHINING CENTERS » SC-220/80

- Thanks to servo-controlled cutting, saws can be positioned automatically according to the height of the profile to make fast and rigid cutting.
- Punch group, screwing unit.
- Able to perform all operations sensitively with a 12-tool set in the milling group.
- Saw blade diameter: 600 mm (23.62 in.)
- Able to perform all operations sensitively with a 12-tool set in the milling group.
- Saw blade diameter: 600 mm (23.62 in.)
- Maximum profile processing width: 225 mm (8.85 in.)
- Maximum profile processing height: 185 mm (7.28 in.)

