



Creating Technology Since 1926

Haffner was founded by **Gotthold Haffner** as a manufacturer of woodworking hand machines for carpenters in Pforzheim, **Germany**. In 1945, it began developing and producing the industry's first machines for PVC window manufacturing. The company developed CNC-controlled profile processing machines in the 1980s. In the 2000s, the company increased its export share to 85% by becoming one of the most important brands in the sector with its production capacity and product development capability. The first automatic welding and cleaning machines were produced on this date.

In 2012, **Haffner** was bought by **Murat Machinery**, which was growing rapidly in the Europe and Americas, operating in the same sector. After the game changer development in the machinery industry, Haffner moved its production to Istanbul.

Today, **Haffner** is a global brand that exports more than 85% of its production, expands its sales and technical support network and guarantees its service quality by establishing its own offices in the **USA, Canada, Germany, India, Chile, Poland and Russia**.

Haffner, Today

Haffner, one of the main suppliers of the window and door sector, makes advanced technology accessible in its modern production facility of 17.000 m² in Istanbul; produces solutions that increase the quality of the construction industry.

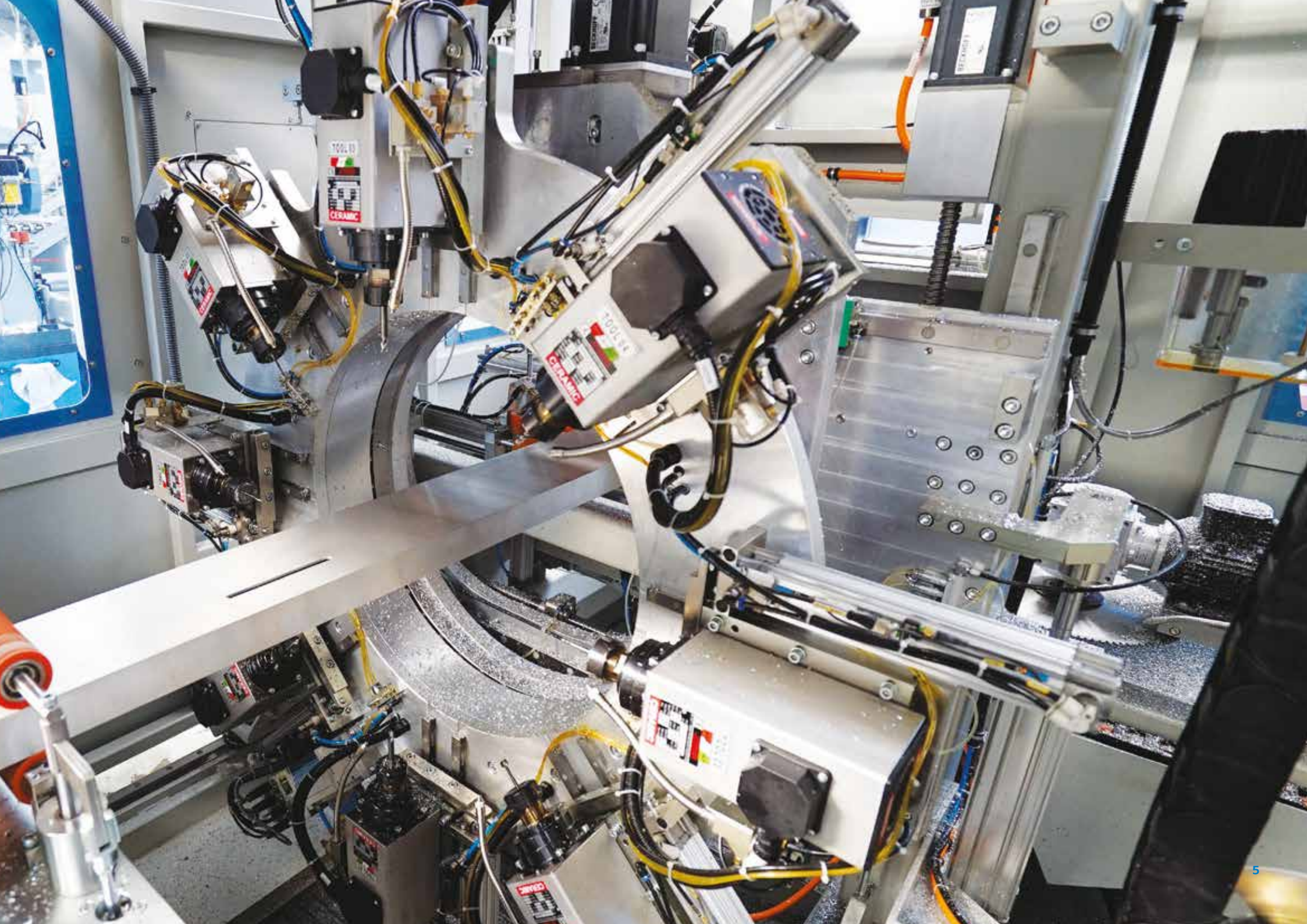
Haffner produces manual and automatic PVC and aluminum profile processing machines that are crucial in the production processes of industrial branches such as highway and air transportation vehicles, rail systems, furniture and lighting.

Haffner quickly analyzes the changing needs of the market and takes action with its continuous development and improvement policy, rooted engineering infrastructure, understanding of quality, R&D investments, customer-oriented and innovative approach, with its 250 employees and R&D team consisting of 30 people.

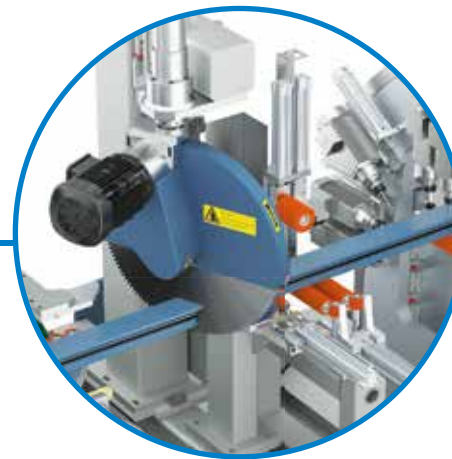
Profile Machining Centers

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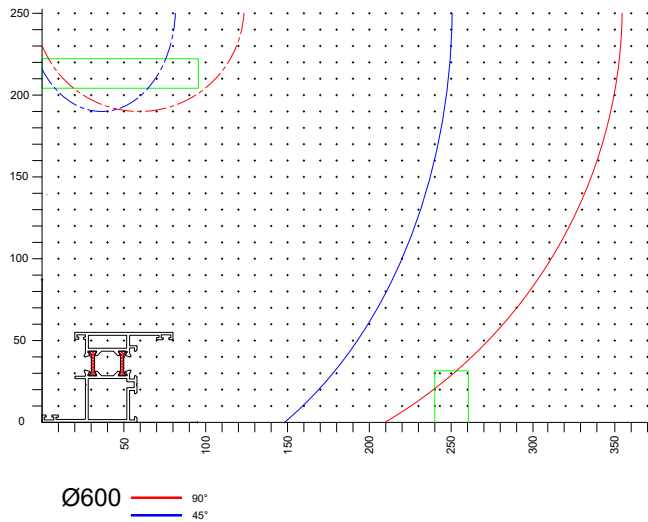


AL-220/80 Profile Machining Center



AL-220/80

Profile Machining Center



Technical Features

- Power Supply: 400V, 3 ~, 50/60 Hz
- Total Power Output: 20 kW, 50A
- Air Pressure: 6-8 bar (90-120 psi)
- Air Consumption: 750 l/Min (26.48 cfm)
- Saw Diameter : 600 mm (23.62 in.)
- Saw Blade Speed: 2800 rpm (Hz)
- Saw Blade Motor Power: (SC-220/70 & SC-220/80) 3 kW
- Maximum Raw Profile Length: 7000 mm (22.96 ft.)
- Minimum Raw Profile Length: 1000 mm (39.37 in.)
- Maximum Profile Length: 4000 mm (13.12 ft.)
- Minimum Profile Length: 350 mm (13.77 in. at 90°)
- Maximum Profile Cutting Width: 175 mm (6.89 in.)
- Minimum Profile Cutting Height: 30 mm (1.37 in.)
- Maximum Profile Cutting Height: 160 mm (6.29 in.)
- Maximum Profile Milling Width: 210 mm (8.26 in.)
- Maximum Profile Milling Height: 180 mm (7.08 in.)
- Machine Height: 2600 mm (8.53 ft.)
- Machine Length: 16.050 mm (52.65 ft.)
- Machine Width: 3970 mm (13.02 ft.)
- Machine Weight: 6000 kg (13,227 lb.)



6000 kg



6-8 Bar



20kW 50A



H: 160 mm

W: 130 mm

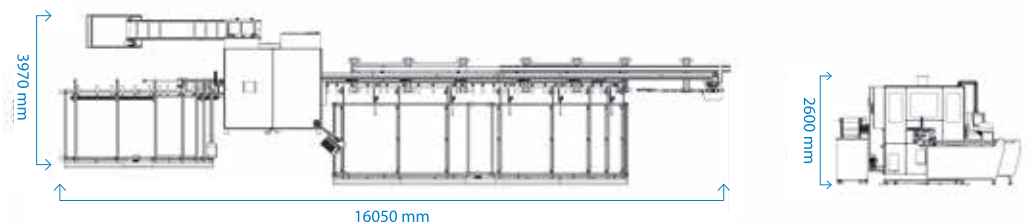
L: 4000 mm

- **Milling Unit;** Thanks to the milling group that can move in 9 axes, it is possible to open drain slot, perform drilling and milling operations on the profiles with Maximum flexibility with special router bits.
- **Cutting Unit;** includes 600 mm saw diameter (19.69 in.) with 7000 mm (22.69 ft.) maximum raw profile cutting length.
- All cutting, 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 raw profile length 7000 mm (22.96 ft.)
- 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 9 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.
- Able to perform all operations sensitively with an 12-tool set in the milling group.
- 15" Touchscreen.
- 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
- 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.
- 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.
- Saw Blade Diameter: 600 mm (23.62 in.)
- Maximum Profile Processing Width: 210 mm (8.26 in.)
- Maximum Profile Processing Height: 180 mm (7.08 in.)
















AL 220/70

Milling Unit: Performs all operations on the profile with 8 standard tools on the milling unit.

Cutting Unit: 500 mm (19.69 in.) saw blade diameter.



Global Offices

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