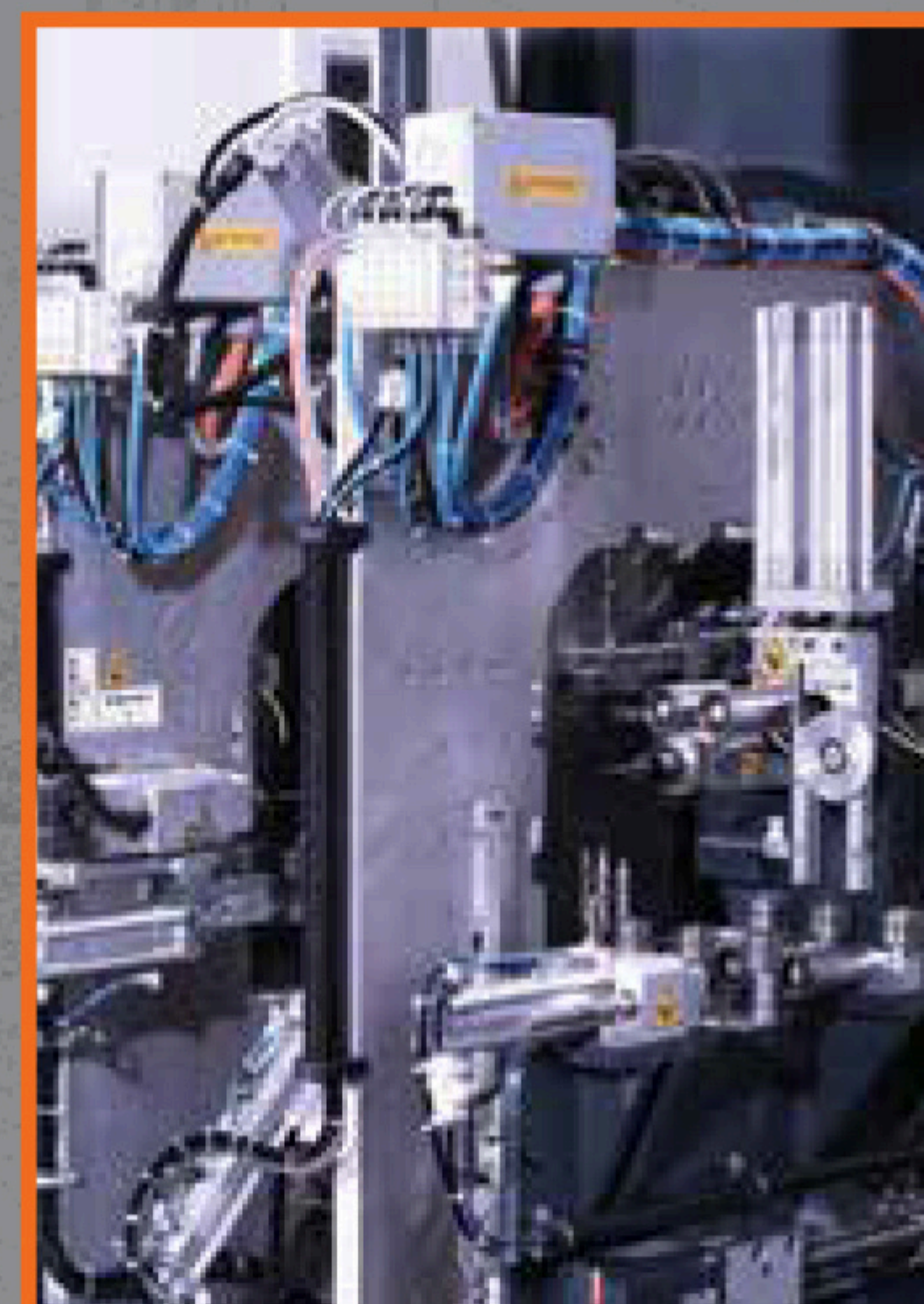
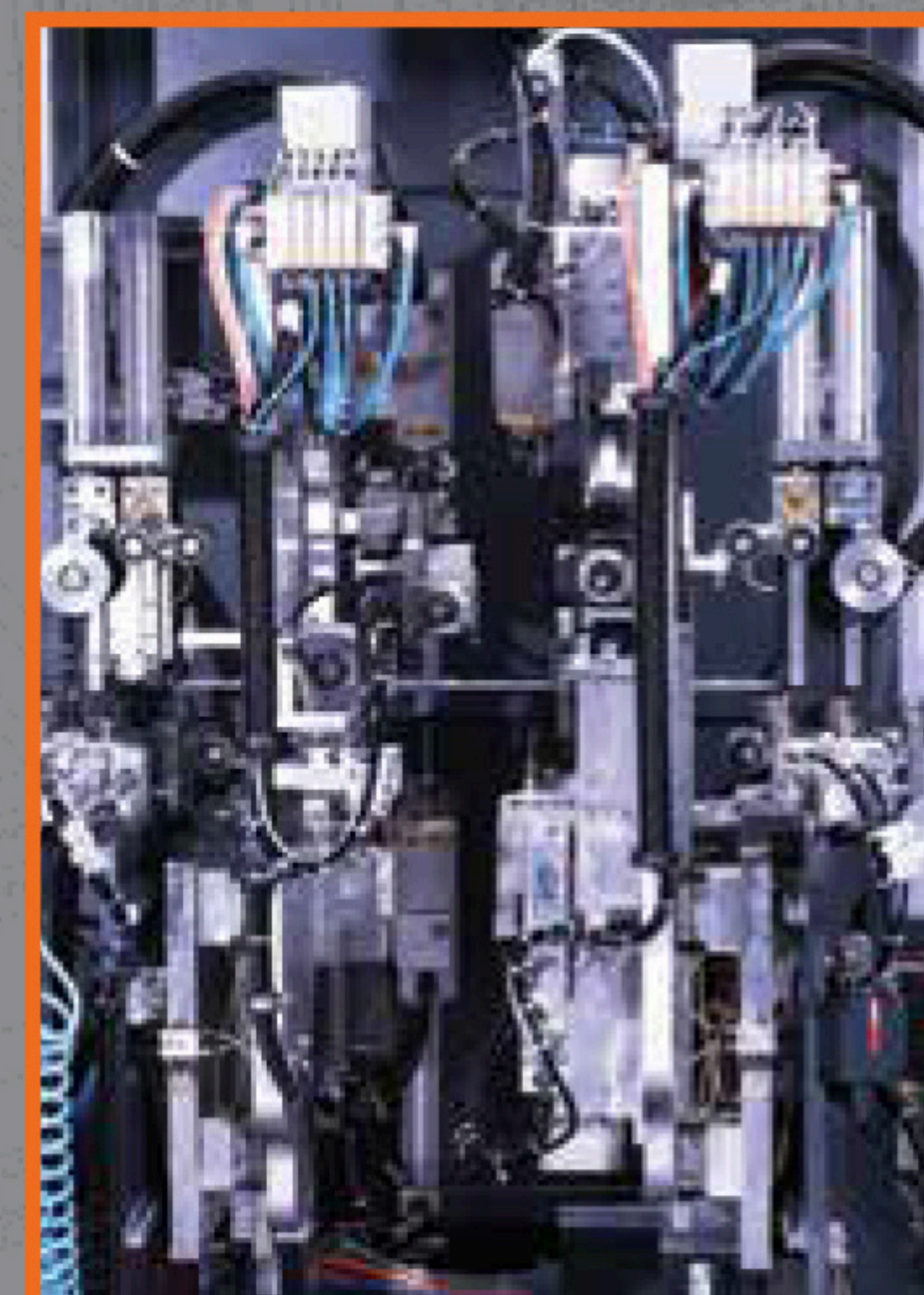
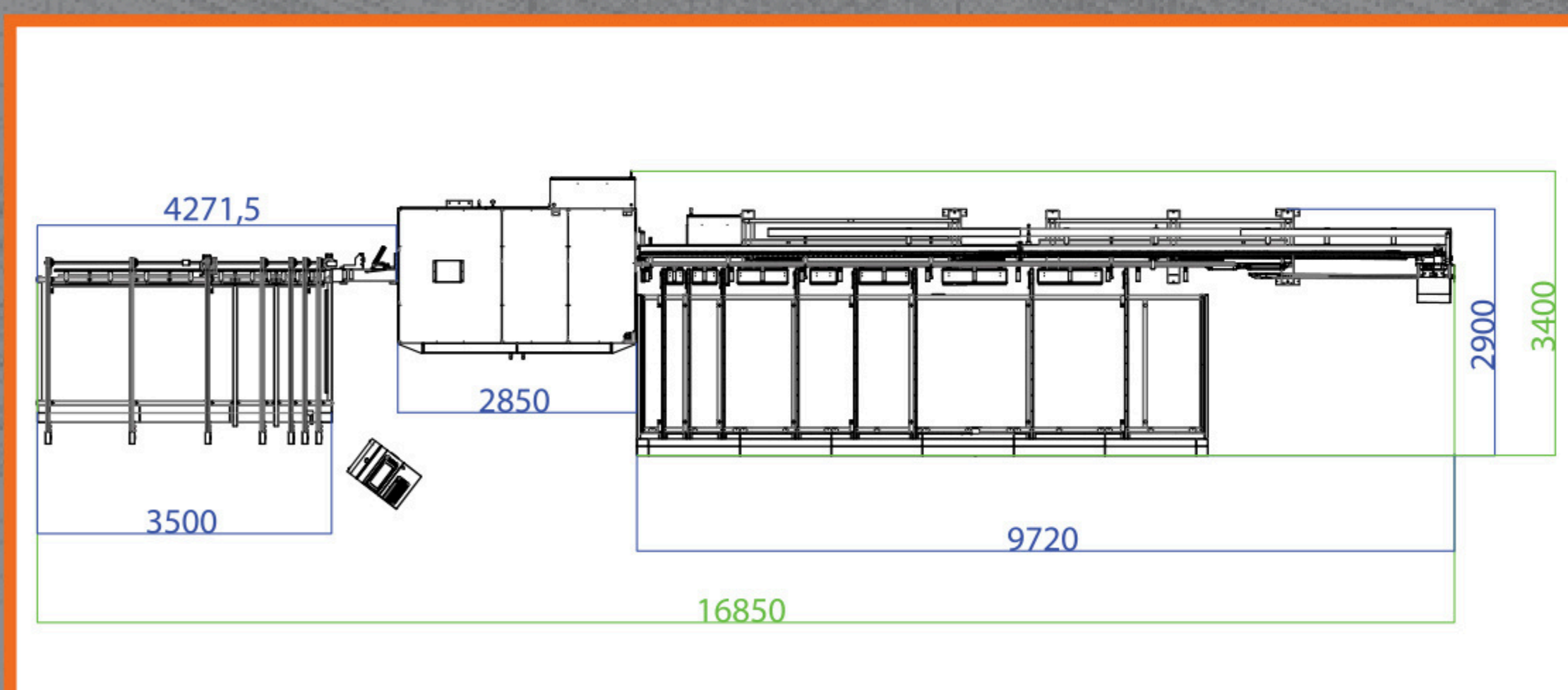
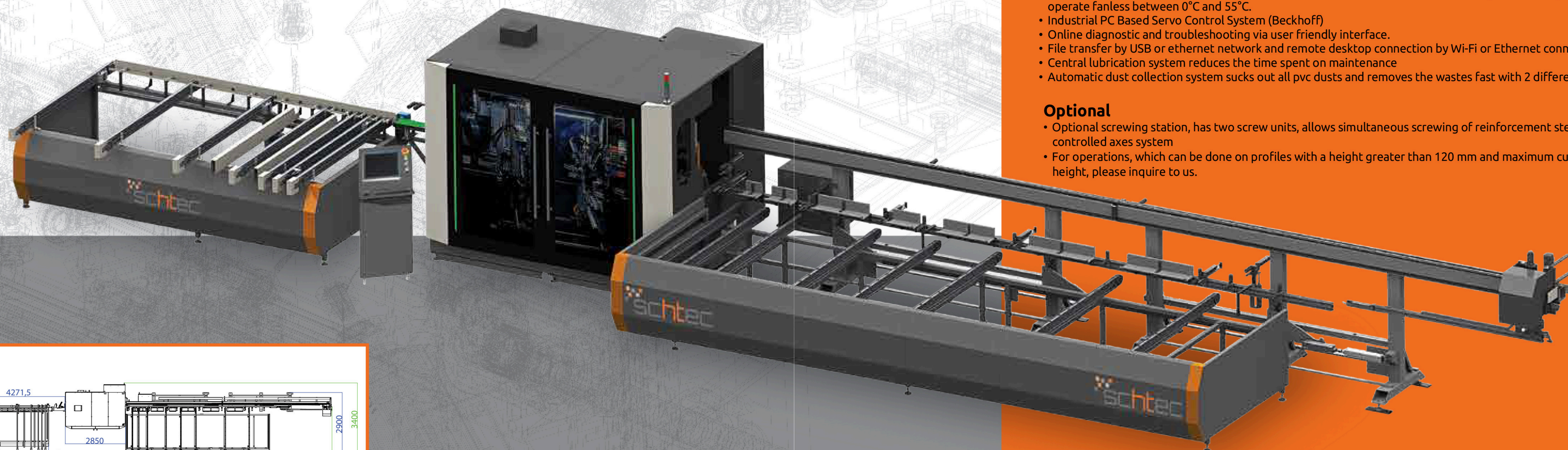
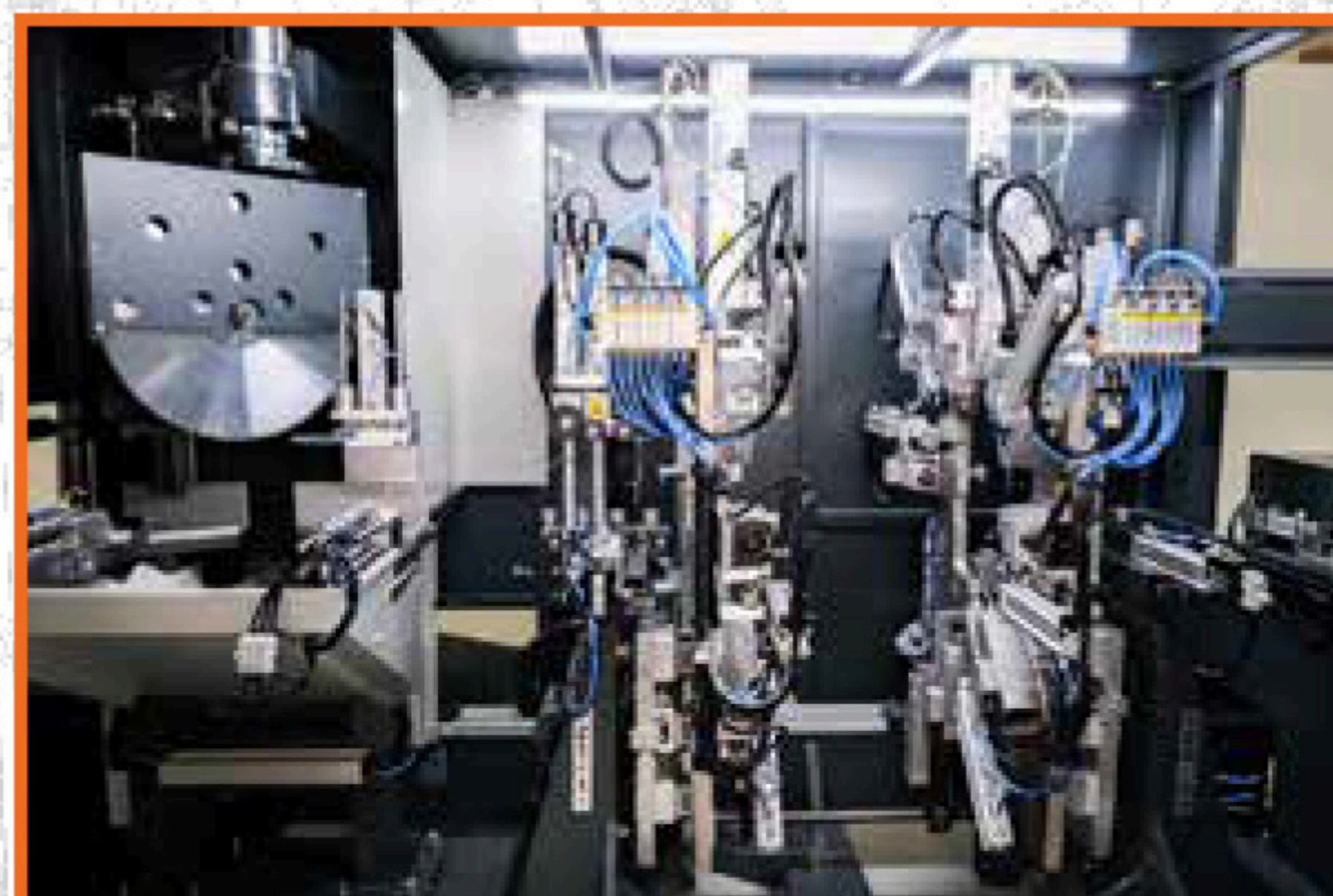


Schtec Profile Machining and Cutting Centers



SMC 360

PVC Profile Machining and Cutting Center

Standard Features

- This 2 separately controlled CNC processing unit can do all operations with 14 tools on PVC profiles such as cutting, marking, opening key holes, copy routing for water slot milling, hinge holes, handle holes etc.
- All angles between 30 - 150 degrees are cut with 0.1 degree accuracy servo axis controlled 500 mm diameter saw.
- Servo controlled and capable of automatic positioning according to profile height axis on saw blade by way of this advance fast and rigid cutting.
- Saves time by simultaneously opening multiple holes on door profiles, such as door handles, slots by the axis control system on 2 separately router units.
- With the processed profile, 11 pieces can be loaded on the machine. (Max. length 6.5 m)
- Precision magnetic encoders used to minimize user errors and profile width and height, are checked and processed
- New design of loading station allow profiles to be loaded simultaneously. This feature saves time from loading process.
- Private HMI software, developed by Schtec Software Department, allows different kinds of window design program data files to be uploaded on machine.
- Simultaneous optimization on the machine allows the machine to optimize itself on the waste profiles
- All alarms and machine faults are displayed on HMI along with solutions
- 15" Touch Screen and high performance industrial PC with Windows XP Embedded system. This system can operate fanless between 0°C and 55°C.
- Industrial PC Based Servo Control System (Beckhoff)
- Online diagnostic and troubleshooting via user friendly interface.
- File transfer by USB or ethernet network and remote desktop connection by Wi-Fi or Ethernet connection
- Central lubrication system reduces the time spent on maintenance
- Automatic dust collection system sucks out all pvc dusts and removes the wastes fast with 2 different carriers

Optional

- Optional screwing station, has two screw units, allows simultaneous screwing of reinforcement steel via servo controlled axes system
- For operations, which can be done on profiles with a height greater than 120 mm and maximum cutting height, please inquire to us.

Technical Specifications

Voltage	: 400 V, 3 PH, 50-60Hz
Power Consumption	: 12 kW, 30 A
Max. Profile Height	: 130 mm (up to 170 mm only cutting process)
Min. Profile Height	: 40 mm
Max. Profile Width	: 130 mm
Min. Profile Width	: 35 mm
Max. Profile Bar Length	: 6.500 mm
Max. Process Length for Profile	: 6.000 mm
Maximum Cutting Length	: 3.500 mm (can be increased when it needs)
Minimum Cutting Length	: 370 mm
Min. Process Length for Profile	: 900 mm
Tool Diameter	: 6 mm / 10 mm / 13 mm Carbide Fast Tool
Tool rpm	: 18.000 rpm
Max. Axis Speed (Processing)	: 50 m./min.
Max. Axis Speed (Saw)	: 100 °/sec.
Max. Axis Speed (Carrier)	: 40 m./min.
Air Pressure	: 6-8 Bar
Air Consumption	: 1075 lt./min.
Machine Height	: 2.165 mm
Machine Length	: 16.370 mm
Machine Width	: 3.206 mm
Machine Weight	: 4.500 kg
Standart Tool Count	: 11 piece high speed air cooling spindles

