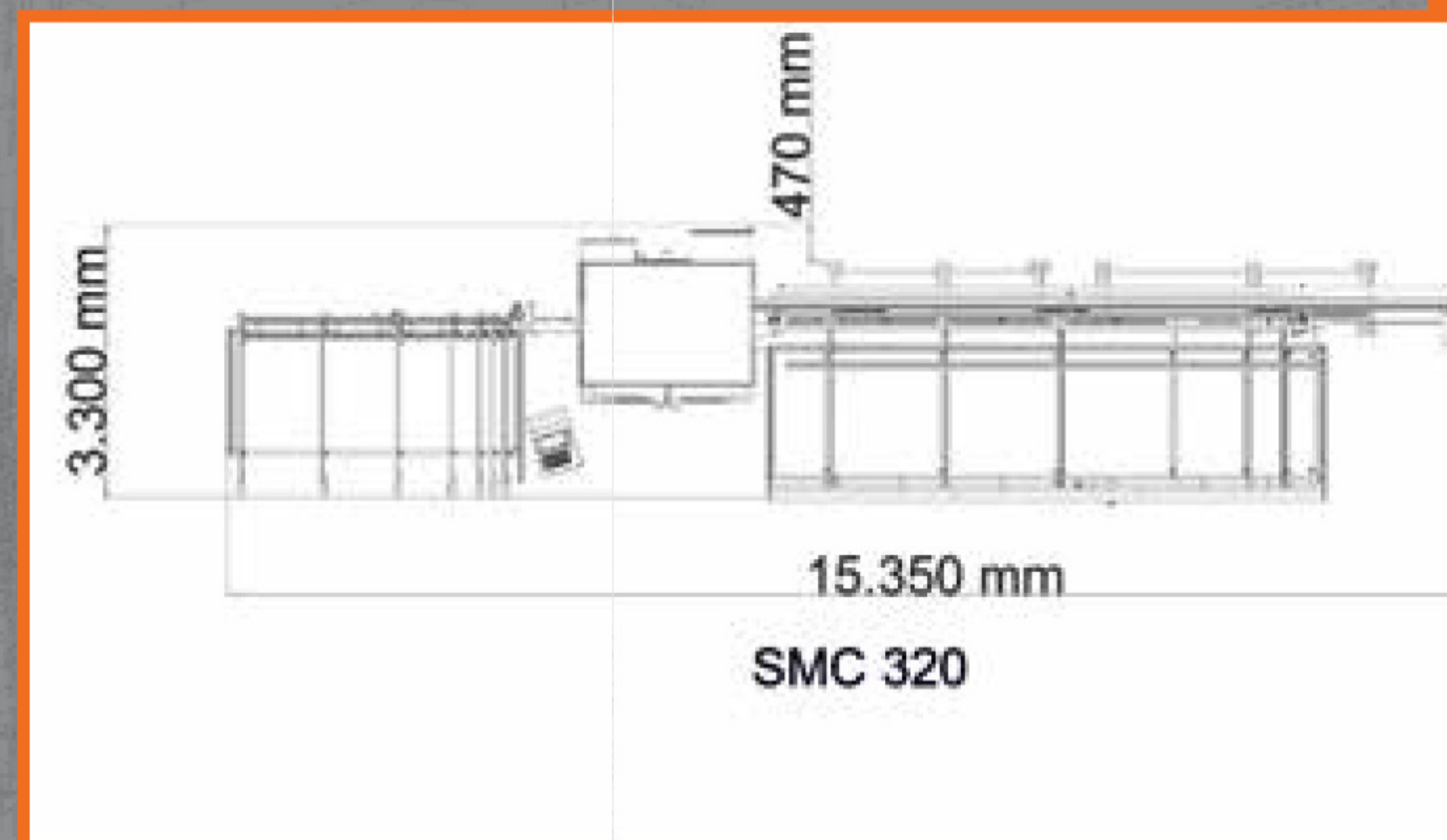


Schtec Profile Machining and Cutting Centers



Optional

- Optional screwing station having two screw units allows simultaneous screwing of reinforcement steel and drilling of triple holes for handles 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 use to us



SMC 320

Profile Machining and Cutting Center

Standard Features

- This 3 axis controlled CNC processing center can do all operations 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.
- Routing and cutting processes are synchronized to run at the same time
- Saves time by simultaneously opening multiple holes on door profiles, such as door handles, slots by the axis control system on its router unit
- With the processed profile, 11 pieces can be loaded on the machine. (Max.length 6.5 m)
- 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
- 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
- Remote desktop connection by WiFi or Ethernet connection
- Central lubrication system reduces the time spent for maintenance
- Automatic dust collection system sucks out all pvc dusts and removes wastes fast with 2 different carriers
- Optimisation option can be enabled for each projects separately therefore machine make optimisation for waste profiles automatically

Technical Specifications

Voltage	: 400 V, 3 PH, 50-60Hz
Power Consumption	: 10.8 kW, 27 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	: 3.000 mm (can be increased when it needs)
Minimum Cutting Length	: 370 mm
Minimum Process Length for Profile	: 900 mm
Tool Diameter	: 6 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	: 950 lt/min
Machine Height	: 2.200 mm
Machine Width	: 3.450 mm
Machine Weight	: 3.750 kg
Machine Length	: 15.500 mm
Standart Tool Count	: 7 piece high speed air cooling spindles

