

schtec Screwing and Triple Drilling Centers



RS 225

Profile Screwing Center

Standard Features

- Screwing operation process done simultaneously by two separate fully automatic screwing axis controlled units
- Machine is fully compatible with Processing center in automatic operation
- Servo controlled automatic positioning with 0.1 mm precision for each screwing position
- Precision positioning at 0.1 mm accuracy by high-speed servo on the holder axis
- Up to 8 pieces can be loaded on to the loading station
- Screwing parameter data bank can be defined by the user for each profile (up to 10,000 profiles)
- All machine axes are moved by hardened steel ball screw and rack-pinion gear system that provides accuracy and durability.
- Data transfer by via ethernet connection, wireless network connection, USB interface or directly through the barcode reader
- All error messages and system status information can be observed on the screen by using the HMI software program developed by the Schtec software department
- Service, trouble shooting and trouble removal can be done by remote connection for the entire system
- Beckhoff brand, high performance industrial PC operated by Windows XP Embedded system. Works between 0°C and 55°C without a fan. 15" touch screen display. (This feature valid when screwing center operates separately from the machining and cutting center)

Optional

- Fixing Hole Option

Technical Specifications

Power Supply	: 400 V, 3ph, 50-60 Hz
Power Consumption	: 6.8 kW, 17 A
Air Pressure	: 6-8 bar
Air Consumption	: 110 lt./min.
Min. Piece Length	: 400 mm
Max. Piece Length	: 4.500 mm
Max. Profile Height	: 130 mm
Min. Profile Height	: 30 mm
Max. Profile Width	: 130 mm
Machine Height	: 2.850 mm
Machine Length	: 5.695 mm
Machine Width	: 4.540 mm
Machine Weight	: 1.820 kg

