

schtec Screwing and Triple Drilling Centers



RS 235

Fully Automatic Double Screwing and Triple Drilling Center

Standard Features

- Screwing operation process done simultaneously by two separate fully automatic screwing axis controlled units
- Screwing unit saves time with two stage action for different heights
- Machine is fully compatible with Processing center in automatic operation
- Screwing position can be set for each profiles separately
- 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 intervals are calculated automatically by the machine for each piece
- Screwing parameter data bank can be defined by the user for each profile (up to 10,000 profiles)
- Triple handle drilling process is done with titanium coated drilling bits
- All machine axis 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 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

Optional

- Fixing Hole Option

Technical Specifications

Power Supply	: 400 V, 3ph, 50-60 Hz
Power Consumption	: 5 kW, 12,5 A
Min. Piece Length	: 370 mm
Max. Piece Length	: 3.000 mm (up to 4.500mm with software support)
Max. Profile Height	: 130 mm
Min. Profile Height	: 30 mm
Max. Profile Width	: 130 mm
Air Pressure	: 6-8 bar
Air Consumption	: 110 lt / min.
Machine Height	: 2.850 mm
Machine Length	: 8.680 mm
Machine Width	: 3.120 mm
Machine Weight	: 1.820 kg

