

Automatic Tool Changer

FEATURES

- Very easy to use and operate
- Machine will automatically pick up tools during tool changes
- Automatic tool length compensation. Using Techno's tool calibration pad, the machine will automatically record all the tool length offsets in the machine interface
- Fully programmable rpm control
- Uses industry-standard tool holders and collets
- Very quiet operation
- Wide range of horsepower available
- Available in any voltage rating per customer requirements
- All automatic tool changers come equipped with Techno's Interlock Safety Board, which monitors spindle actions



Collet Spindles

HSD High-Frequency Spindle

FEATURES

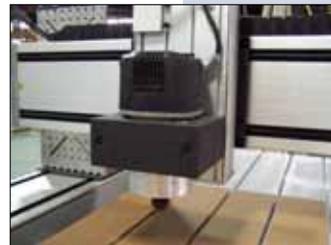
- Maintenance-free
- Industry standard ER collets
- Quiet operation
- 6,000 to 18,000 rpm standard
- Fast and easily removable vacuum hood
- Ideal spindle choice for a variety of materials to be cut
- On/Off functions controlled via CNC



Porter Cable 3.25HP Commercial Spindle

FEATURES

- 3.25 Horsepower
- 120V AC operation
- 10,000 to 22,000 rpm
- Heavy-duty aluminum mounting bracket
- Fast and easily removable vacuum hood
- On/Off functions controlled via CNC



Collet Spindles

Colombo High-Frequency Spindle

FEATURES

- Maintenance-free
- Industry standard ER collets
- Ultra quiet operation
- 12,000 to 24,000 rpm standard (other speeds available upon request)
- Fast and easily removable vacuum hood
- Ideal spindle choice for a variety of materials to be cut
- On/Off functions controlled via CNC



Techno's High-Speed Commercial Spindle

FEATURES

- 800 Watt, 1 HP
- 110V AC or 220V AC, 1-phase
- 8,000 to 24,000 rpm
- Fast and easily removable vacuum hood
- On/Off functions controlled via CNC



Techno's Engraving Head

FEATURES

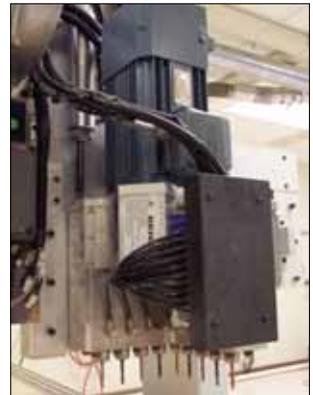
- 800 Watt, 8,000-24,000 rpm spindle
- Spring-loaded engraving head which allows the engraving head to ride on irregular surfaces maintaining constant cutter depth
- Micrometer tool depth adjustment
- On/Off functions controlled via CNC



Benz 9-Spindle Vertical Drill Bank

FEATURES

- 3HP Drive
- 9-Vertical drill spindles
- Automatic drill length calibration between router spindle and drill bank via tool calibration pad
- Auto tool calibration using Techno's tool calibration pad
- Five drills for X and Y with shared center
- All machines provide full coverage
- Other configurations available upon request
- On/Off functions controlled via CNC



Collet Spindles

Techno's Multispindle Option

FEATURES

- Increased production for greater part production volume
- Easily adjustable spindle center to center locations via T-Slot plate
- On/Off functions controlled via CNC



Techno's Engraving Head Adaption to High-Frequency Spindles

FEATURES

- Spring-loaded engraving head which allows the engraving head to ride on irregular surfaces maintaining constant cutter depth
- Micrometer tool depth adjustment
- Easily and quickly retracts allowing high-frequency spindle to route
- Spindle automatic tooling offsets for X, Y and Z positions
- On/Off functions controlled via CNC



Pressure Foot / Vacuum Shroud Attachment

High-Frequency Spindle Pressure Foot.

This pressure foot is designed to apply downward force to the part while being machined. This downward force prevents parts from popping up or shifting during machining. In conjunction, the debris that is removed while cutting is extracted through the built-in dust shroud. Downward force is manually adjusted by relocating the shaft collar along precision shafting.



The pressure foot is ideal for plastics, woods, composites, fiberglass, or any substrate when routed. The pressure foot fits any manual high-frequency collet type spindles. This accessory can be added at any time.

FEATURES

- Quick and easy setup
- Adjustable downward force
- Built-in vacuum shroud
- Fits a variety of high-frequency spindles
- Easily added to existing machines with Colombo spindles
- Prevents part movement