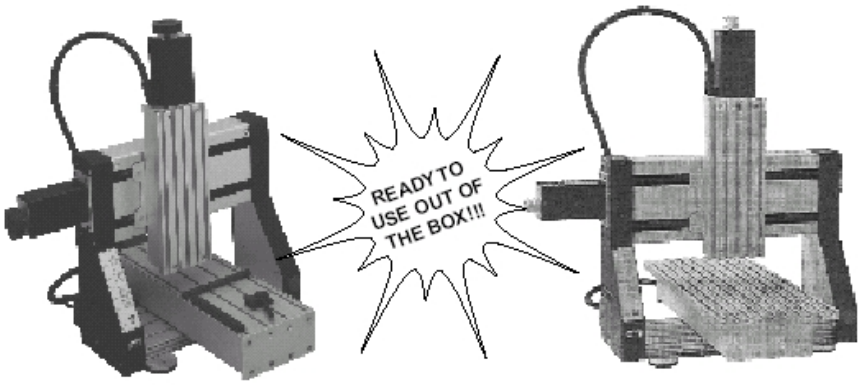
Techno Inc.

DaVinci XYZ Systems

FEATURES

- Choice of 8" x 10" x 5" or 10" x 12" x 3.5" **work envelope**
- The system includes a T-slotted work surface, 2 **cam clamps, 2 clamp bars (page 131), and a 900 Watt variable high-speed spindle (page 128)**
- 16 mm diameter ball screw with 4 mm screw pitch **on X, Y and Z axes, adjusted for zero backlash operation**
- CNC and DNC programming via RS232 interface
- T-slotted Z-axis face plate for easy mounting of **optional tooling on 8" x 10" and 10" x 12" models**
- 3-axis linear and 2-axis circular interpolation
- 1 Relay output
- 32 kB RAM for program storage of up to 600-line **program in unit**
- Can be programmed in both incremental and **absolute coordinates**
- Comes fully assembled and ready-to-use, **including RS232 cable**
- Includes 900 watt spindle, cam clamp and bars, **and software-controlled 120V AC relay**



DAVINCI 1
8" x 10" x 5"
(80 lbs)

DAVINCI 2
10" x 12" x 3.5"
(95 lbs)

The DaVinci CNC Production Center is a 3-axis stepper motor-driven unit which incorporates an enclosed linear bearing system with ground steel rails and recirculating bearings, as well as anti-backlash ball nuts and ball screws. This mechanical system provides durable play-free motion that is rigid and stiff enough for cutting, engraving, milling, routing, dispensing, inspection, etc. The DaVinci has all drive electronics built-in so that no separate controller is required. The DaVinci's size and weight mean it is both compact and sturdy, making it ideal for any number of CAD/CAM applications. Programming can be done using the easy-to-use, English-based, PAL software which comes with the system. It can also be programmed directly with ASCII codes. Interfaces, including HPGL and G-Code, are also available.

CATALOG NUMBER

DAVINCI 1: HL33SBM242510 (8" x 10" x 5")
DAVINCI 2: HL33SBM242512 (10" x 12" x 3.5")