

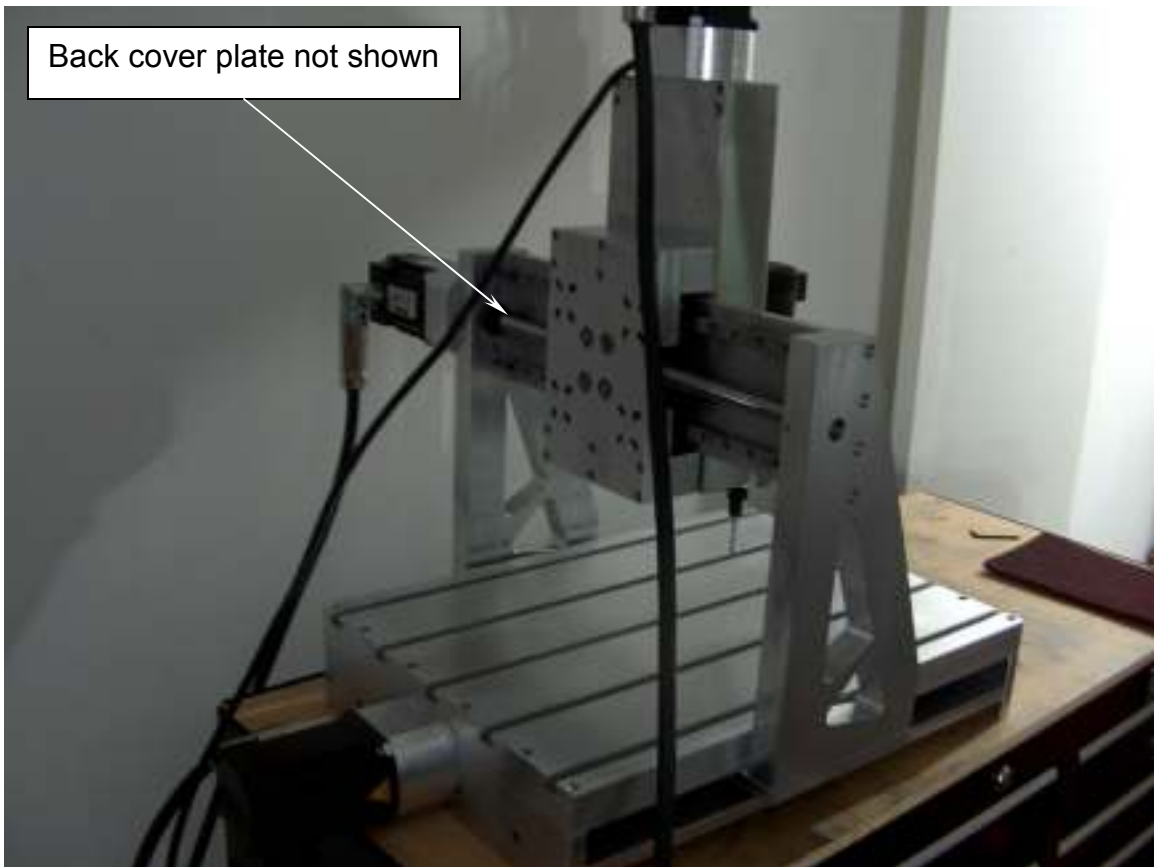
Aswiss Model 1296



Specifications:

- 3-axis computer controlled router/milling machine
- Constructed from solid billet aluminum (aircraft grade 6061-T651)
- High performance brushless AC servos with built-in encoders on all three axes (10,000 pulses/rev)
- Precision ball-screws (repeatable to <.01 millimeters) on all three axes
- Precision linear slides (repeatable to .0001 inches) on all axes
- Programmable AC servo drives
- Machine uses closed loop control and is controlled by a PC
- Minimum resolution (smallest move possible) is 0.00001"
- Maximum rapid traverse speed (fastest move) is 800 inches/min (faster with ball screw change)
- Machine travel (XYZ): 12x9x6 inches
- Machine dimensions (XYZ): 28x26x27 inches
- 110/220 AC power

More pictures:





Machine uses:

- Jewelry wax carving
- Engraving
- Signs
- Plaques
- Rapid prototyping
- Mold making for many industries
- Printed circuit board prototypes
- Prosthetics for handicapped people

Why this machine is better than competition:

- More rigid (heaviest built moving gantry style machine for its size)
- Faster (3-4 times as fast as a comparable machine its size)
- More precise (few machines use high precision slides and ball-screws)
- Low maintenance
- Simple PC control
- Machine comes standard with full enclosure (pictures not shown)