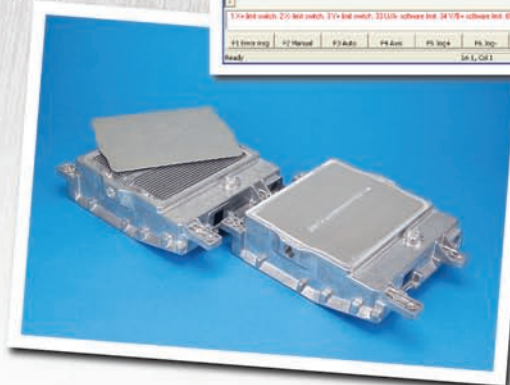
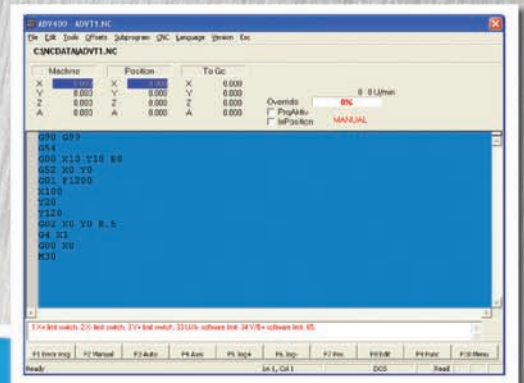




Simple CNC
User Interface



Electronic Enclosures

Small Scale, Cost-Effective Friction Stir Welding Machine For High-Volume Production

The new PM-0 from Manufacturing Technology, Inc. is a compact 3-axis CNC machine for Friction Stir Welding in a production environment. Despite its small size, the PM-0 is a full-featured FSW machine with force and position control capabilities.

APPLICATIONS:

- Electronic Enclosures
- Flat Panels
- Heat Exchangers
- Drive Shafts
- Canisters

Manufacturing Technology, Inc. offers consulting, design and build services for Friction Stir Welding machines and tooling. We are licensed and listed by The Welding Institute (TWI) as a Friction Stir Welding machine manufacturer.

SYSTEM SPECIFICATIONS:

X axis: 780mm
Y axis: 370mm
Z axis: 150mm stroke, force or position controlled
15 kN (3400lbf) axial force

Welding Speed:
3000mm/min

Spindle:
3.5 kW (5 HP) Vector Drive
3000 RPM maximum
Various speed and torque combinations available

Rotary Chuck Axis:
Available as an option



Manufacturing Technology, Inc.
Solid-State Joining & Welding Solutions, Equipment & Services

1702 West Washington Street | South Bend, IN 46628 | www.mtiwelding.com | Phone: (574) 233-9490

DIRECT DRIVE - INERTIA - LINEAR - STIR - RADIAL - RESISTANCE



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