



ISO 9001:2000 registered

57 SOUTH END PLAZA
NEW MILFORD, CT 06776
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CAPABILITIES

Full-service capabilities include **CNC Milling** and **CNC Turning**, as well as all standard job shop services. *East Branch Engineering* has the ability to fabricate and produce parts and components to exacting specifications. Working with a variety of materials, parts may be machined, formed, fabricated and finished to customer's requirements. Full **CAD/CAM** capabilities are also available. Whether working from engineered drawings or a concept sketched on a napkin, your project receives the attention it deserves.

- CNC Milling
- CNC Turning
- Line Bending/Forming
- Hot Stamping
- Cold Bending
- Mechanical Assembly
- Precision Tapping
- Punching
- Assembly
- Drilling
- Hot Air Welding
- Engraving
- Solvent Bonding
- UV Adhesive Bonding
- Sawing
- Annealing, Stress relieving plastics
- CAD/CAM
- Rapid Prototyping

FACILITIES

CNC MACHINING CENTERS

Gildemeister CTX 310

3 axis lathe with live tooling
Ø 19.9" max x 17.7"
Ø 2.05" spindle capacity

Hyundai Kia SKT15

2 axis lathe
Ø 21.7" max x 16.1"
Ø 1.77" spindle capacity
LNS EcoLoad Bar Feed

(2) LX2 CNC Lathes

Ø 18.8" max x 40"

Fortune Vcenter-70 VMC

27.55" x 18.11" x 20" Cube
10k Spindle
Hardinge Rotary Indexer

Brother TC-S2C-O high speed tapping center

27.5" x 15.5" x 12" Cube
10k spindle

(4) 3 axis MX3 CNC Milling Machines

31.750" x 17" x 20+" Cube

(2) 2 axis MX2 CNC Milling Machines

*40k RPM spindle available

MANUAL AND FABRICATION

(1) DSM style hand screw machine
(2) Brother precision syncro-tapper
80 ton Thompson clamshell die cutter
24 inch hand brake
Vibratory finishers
25 ton clicker press

assorted diacro hand punches and notchers
48 inch press brake
Branson ultrasonic welders
10 inch Powermatic table saw w/ sliding table
Buffing and polishing equipment

SOFTWARE

Solidworks 2006/2007
GibbsCam 2006

file formats

- Solidworks (preferred)
- Proengineer*
- IGES
- Dxf/dwg
- Catia*
- Unigraphics*
- Inventor*
- Parasolid
- STEP AP2003/214

RAPID PROTOPYPING

Dimension SST 768 Fused Deposition Modeling (FDM)

203mm X 203mm X 305mm (8" x 8" x 12") build size

Functional ABS Plastic in standard white, blue, yellow, black, red, green, or steel gray. Custom colors available.

Layer Thickness

- .245 mm (0.010")
- .330 mm (0.013")