



ISO/TS 16949:2009 CERTIFIED

EQUIPMENT AND FACILITIES LIST

(Total Manufacturing Area: 65,000 Sq/Feet)

WATERTOWN DIVISION AND CORPORATE OFFICES

**1012 Buckingham Street
Watertown, CT 06795
Phone 860.274.6773
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www.primeeci.com**

BRISTOL DIVISION

**231 Century Drive
Bristol, CT 06010
www.primeeci.com**

NEW BRITAIN SCREW MACHINE DEPARTMENT

(Total New Britain Screw Machine Fleet: 47)

- 2 Model 52 New Britain with Pick-off Attachment
- 12 Model "60" New Britain - 1 inch capacity
- 13 Model "61" New Britain - 1 5/8 inch capacity
- 14 Model "61" New Britain - 2 1/4 inch capacity
- 1 Model "62" New Britain - 1 5/8 inch capacity
- 6 Model "62" New Britain - 2 1/4 inch capacity

DAVENPORT SCEW MACHINE DEPARTMENT

(Total Davenport Screw Machine Fleet: 60)

- 60 Model B Five Spindle Automatic Screw Machines
- Oversized Capacity to 7/8" Round, 3/4" Hex and 19/32" Square
- Equipped with Threading, Chip Conveyor and Pick Off Attachment

Special Attachments on our New Britain & Davenport Screw Machines include:

Milling, Slotting, Threading, Cross Drilling, Thread Forming, Saw Cutoff, Special Recess, Broaching and other attachments for particular components and industries. They are designed to eliminate secondary operations.

CNC MACHINE DEPARTMENT

(Total CNC Fleet: 19)

- 6 Okuma CNC Turning Centers
- 4 Hardinge CNC Turning Centers
- 1 Daewoo Puma Turning Center
- 2 Doosan CNC Pallet Loading Milling Centers
- 2 Haas CNC Milling Centers
- 2 Hardinge CNC Milling Centers
- 2 Tsugami SS32mm Super Swissturn

TOOL ROOM AND ASSEMBLY DEPARTMENT

- 2 Reed Roll Thread
- 2 Horizontal Milling Machines
- 2 Hardinge Lathes
- 5 Bridgeports
- 2 Double Head Tapping Machines
- 3 Single Head Tapping Machines
- 7 Surface Grinders
- 5 Press Machines for Assembly
- 1 Roll Stamping Machine
- 5 Roll Tumblers
- 7 Drill Presses
- 4 Belt Sanders
- 1 Sand Blasting Machine
- 10 Buffing Wheel/Grinders
- 1 Drill Grinder
- 1 Automatic Cut Off Saw
- 4 Vibratory Finishing Machines
- Broaching – Keyway and Specials
- Drilling and Tapping
- Assortment of Drill Presses equipped with Tapping and Drilling Heads
- Rouse Milling Machines for Milling Slots, Keyways and Side Milling
- Production Millers for Heavy Cuts
- Air Feed Foot Presses
- Pneumatic Screw Drivers
- Total Machine Rebuilding Program
- Machine Head Boring Tool
- Ability to develop High Volume Specialized Secondary and Assembly Machines

QUALITY ASSURANCE DEPARTMENT

- 4 Automated high-resolution optical/laser vision systems
- Measurlink Real time SPC System
- Deltronic Comparators
- Keyence IM 6225
- Oasis vision inspection
- Rockwell Hardness Testers
- Sheffield Profilometer with Digital Readout and Special Attachments
- Computerized Gage and Calibration Record System
- Federal Products And Brown and Sharp Gage Blocks
- 2 Mitutoyo Bench Micrometers
- Van Keuren Thread Measuring Wires
- Fowler Bower Bore gages
- Various Electronic Measuring Equipment
- Thread Plug and Thread Ring Gages
- Plug Gages

Complete Set of Various Hand Used Measuring Devices, including:
Various Outside, Pitch, Blade & Depth Micrometers, Dial Calipers, Drop Indicators, thread Plug and Thread Ring Gages, Indicators, Dow Gages and Federal Gages.

PRECISION PARTS CLEANING, PARTS DEBURRING & RAW MATERIAL PROCESSING

- Durr Ecoclean Model 71C CNC Vacuum Vapor Degreasing System
- McKenzie Chip Separators
- Barrel Tumbling and ball burnishing deburring
- Vibratory Deburr
- PRAB Continuous Feed Chip Processing and Oil Reclamation System
- PRAB Series 600 Briquetter with Automated Continuous Feed Dumper.
- Barrett Chip and Oil Centrifuges
- Electronic Part Scales
- Convey Bulk and Custom Packaging with Automated Bar coding
- Motorized Freight Loading