



PRECISION MACHINE COMPANY

YOUR FIRST SOURCE FOR COMPLETE CUSTOM MACHINING, MANUFACTURING & WELDING FOR ALL INDUSTRIES

FACILITIES LIST

President: Arthur J. Arruda
Operations Manager: Jeff Arruda
Sales/Technical: Bill Bosse

For more information visit our website at: www.aaprecisionmacine.com

Due to the purchase of additional equipment, space and an increase in manpower, we are now able to offer open machine time.

We have been in the machine shop business in Fall River, jobbing since 1966. We are situated in a 15,000 square foot building in the Fall River Industrial Park. We employ 14-16 full time machinists. Our hours of operation are from 7:00am until 3:30pm, including Saturdays if necessary.

We are equipped with overhead cranes (up to 5 tons), 2 forklifts, 2 pallet jacks and a loading dock for material handling. We also offer delivery service, for your convenience, to most locations in MA, NH, RI and CT.

We welcome your inquiries for general machine work, one piece, experimental, production, tooling, punch and die, precision molds, castings, weldments, jigs, fixtures, textile rolls built or repaired, complex parts/shapes including 4th Axis machining for all industries, welding, etc. Thank you in advance for your consideration. We look forward to assisting you with your machining needs.

Following is a partial list of facilities, which should be of interest to your operation.

CNC VERTICAL MACHINING CENTERS:

- (1) **Fadal VMC 3016**, X 30" Y 16" Z 20"
- (2) **Fadal VMC 4020**, X 40" Y 20" Z 20"
- (2) **Fadal VMC 6030**, X 60" Y 30" Z 30" with 4th Axis Rotary Head
- (2) **Fadal VMC 8030**, X 80" Y 30" Z 30" with 4th Axis Rotary Head
- (1) **Haas Gantry Mill GR-512**, X 145" Y 61" Z 11"

CNC VERTICAL LATHE:

- (1) **Honor Seiki VL-86A**
Max swing diameter 37.4", max turn height 31.5", max turn diameter 31.5"



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CNC LATHE:

(1) **Fortune VT II-26/110**

Max Swing Diameter – 25" x 42.91" Long

Hole Thru Spindle 2.960, Speeds 35 - 3,500 RPM

(1) **Fortune V Turn – 26/110**

Swing Over Carriage – 13.78" x 42.91" Long

Hole Thru Spindle 2.960, Speeds 35 - 3,500 RPM

(1) **Fortune VT II – 20**

Swing Over Carriage – 19.13" x 24.4" Long

Hole Thru Spindle 2.44 Diameter, Max Spindle Speed 4,200 RPM

EDM:

(1) **Fanuc Robocut Wire a-0iD**, X 14.6" Y 10.6" Z 10.2" Cut Size

Max Part Size – 30.5" x 23.6" x 9.8"

(1) **Fanuc Robocut Wire a-1iD**, X 23.6" Y 15.75" Z 12.2" Cut Size

Max Part Size – 44" x 44" x 12.1"

VERTICAL MILLING MACHINES:

(2) **Sharpe LMV**, Ball Screws, Dro, All Accessories

(2) **Bridgeports**, Equipped with All Attachments (Dro & Power Feeds)

HORIZONTAL MILLING MACHINE:

Arex 2S

LATHES:

Sharpe 1640C, Collet Closer, Dro, All Accessories

Monarch 10EE Toolroom

Leblond 15" Swing

Hardinge Super Precision Toolroom

Monarch 20" Swing x 78" Between Centers, Taper Attachment

Niles 32" Swing x 132" Between Centers, Roll Grinding Attachment

RADIAL ARM DRILL:

Fosdick 4Foot

Kao Ming 30"



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VERTICAL TURRET LATHE:

Bullard Cutmaster, 54", Swing 60" diameter max work height 42"

HORIZONTAL BORING MILL:

Meuser 5", 48" x 48" Table, Digital Readout, Attachments

ROTARY SURFACE GRINDER:

Blanchard #18, 42" Chuck, Swings 48"

Mattison #24-42 (100HP), Swings 48"

SURFACE GRINDERS:

Jones-Shipman 6" x 18", Model #540, Hydraulic

Abrasive 6" x 18" (12" Dia. Wheel)

Abrasive 12" x 18" (12" Dia. Wheel)

MSC Model MSG-1230AHD 12"x30" (12" Dia. Wheel) 1995,

KEYSEATER:

Morrison 1-1/4"

DRILLS:

Assorted Single Spindle Machines

SAWS:

Doall Vertical Band Model 1612-3 Contourmatic 16"

(1) **Wells Horizontal Cut-Off Model W-9** (cuts 10"H x 17"W, 10" diameter)

(1) **Wells Horizontal Cut-Off Model F-16-1** (cuts 17"H x 20"W, 17" diameter)

Abrasive Cut-Off

WELDING & BRAZING:

TIG

MIG

Stick

OXY-Acetylene



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VIBRATORY TUMBLER:

Sweco Finishing Mill

HYDRAULIC PRESS, 60 TON

FULL INSPECTION ROOM

SAND BLASTER:

Cyclone cabinet size 16"W x 16"D x 36" L

TIMESAVER:

Model 50-19MW max width 19", max thickness 3"

COMPLETE CAD/CAM CAPABILITES:

- ❖ **AutoCad**
- ❖ **Mastercam version X3** Computer Software (3 complete Level 3 seats)
- ❖ Outsourced Solid Works Design

SERVICES OFFERED:

- ❖ EDM
- ❖ Wire EDM
- ❖ Laser cutting
- ❖ Water cutting
- ❖ Large Blanchard Grinding 96" Ø x 36" Height
- ❖ Custom Fabrications / Weldments
- ❖ Large Capacity Turning / Milling
- ❖ Full metal finishing services

SOURCED INSPECTIONS:

- ❖ Sourced Mechanical
- ❖ Metallurgical Testing
- ❖ Scanning SEM
- ❖ Ultrasonic Testing
- ❖ Chemical Analysis OES, EDS, SEM
- ❖ Welding Procedure & Performance
- ❖ Qualifications
- ❖ Nondestructive Testing