

# *RJD MACHINE PRODUCTS, INC .*

1424-1428 Heath Avenue  
Trenton, New Jersey 08638  
(609) 392-1515 Fax (609)-392-1098

*RJD MACHINE PRODUCTS, INC.* is located at 1424-1428 Heath Avenue in Trenton, New Jersey, and housed in a modern 10,000 sq. ft. building. Please review the following Facilities List to see how we can best serve your precision machining needs.

## **FACILITIES LIST**

<b>LATHES SWISS AUTOMATIC</b>	1	Tsugami SX 26C state-of-the-art CNC Swiss Automatic with IEMCA magazine barfeeder, complete lights out operation, live milling, backworking spindle, offboard programming, 1.0" bar capacity.
<b>LATHES C.N.C</b>	1	Yam C.N.C. Lathe wfanuc OT control max. Swing, 10.6 dia. 22" centers, 4,500 RPM, 20 hp., 12 tool turret, programmable tailstock.
	1	Yam/Anilam C.N.C. Lathes: 10" chucking capacity, 25" center to center, gang tooling attachment.
	1	Okuma big bore CNC lathe, 2.75" bar cap. with tail stock.
<b>LATHES MANUAL</b>	1	Elgin: Precision tool room lathe, variable speed, production collets.
	1	Hardinge: Super precision chucker, fast threading, well-tooled.
	1	Clausing: 12" x 36" variable speed lathe, 3-jaw, 4-jaw, collets and travadials.
	1	Monarch: 36-1/2" x 48" engine lathe, equipped
	1	Monarch: 16 x 54 engine lathe: 3-jaw, 4-jaw chucks, rubber flex collets, coolant.
	1	Weiler hand screw machine. 1-1/16 capacity, 6 position turret, cross slide.
<b>MILLING</b>	1	Dahlih MCV 610: 18" X 24" X 20", 10 Hp., 6,000 RPM, 3 axis machining center, 16 auto tool change.
	1	Dahlih MCV 1020: 20" x 40" x 22", 10 Hp., 4,000 RPM, 4 axis machining center, 26 auto tool change and pallet changer.
	1	Dahlih MCV 1020: 20" x 40" x 22", 10 Hp., 4,000 RPM, 5 axis machining center, 26 auto tool change.

## **FACILITIES LIST (con't)**

<b>MILLING (con't)</b>	1	HAAS VF1: 4th axis Vertical Machining Center: 13" x 24" table travel, 16 auto tool changer, 5 Hp., 6,000 RPM.
	1	HAAS VF0: Dual 4th axis Vertical Machining Center: 13" X 24" table travel, 20 auto tool changer, 7,500 RPM.
RPM.	2	Alliant/Anilam C.N.C. Vertical Mill: 12" x 22" table travel, 2 Hp., 60-4800 RPM.
CNC	1	Lagun FTV1 Vertical Mill 16 x 30 Travel , 3HP. with Proto Trac machining system.
<b>MILLING MANUAL:</b>	2	Alliant Vertical Mill: 9" x 42" table, power feed, chrome ways, variable speed head 60-4200 RPM.
	2	Bridgeport Series I Vertical Mills: 9" x 42" table auto feed, variable speed head 60-4200 RPM.
	1	Lagun FTV-1 Vertical Mills: 16" x 30" travel, 3 Hp. .0002 Resolution D.R.O.

**All of our C.N.C. controlled machines are linked via RS232 to our computer station where our files are stored on our CAM program and systems. This allows for easy loading and downloading.**

<b>QUALITY CONTROL:</b>	1	Brown and Sharpe Coordinate Measuring Machine, complete with various Rubi Styli, printer, etc. Complete line of plug, ring male and female measuring tools and Microscopes.
<b>COMPUTER:</b>	1	Multi-Station Shop Manager System used for quoting, order entry, purchasing, scheduling, labor collection (including distribution to job records), inventory, shipping records, job evaluation, accounts payable and receivable.
	1	Dell, Dimensions 486 xps P90 PENTIUM. Equipped w/color monitor, printer, hard-disk drive and modem; provides high-tech work-station for Anilam "Minicam" CAD/CAM and Partmaker C.N.C. control and tool-path design software.
	1	Fountain 386sx Equipped w/color monitor, printer, hard-drive and modem; provides high-tech workstation for Anilam and Partmaker CAD/CAD software.

## **FACILITIES LIST (con't)**

<b>WELDING:</b>	1	Miller DC welder w/wire feed.
	1	Oxygen/Acetylene welding set.
	1	Portable gas preheater.
	1	Portable electric preheater.
	1	Lincoln 200 amp. welder.
	1	48" x 96" all-steel welding table.
<b>DRILLING:</b>	10	Portable drill press.
<b>SHEET METAL:</b>	1	Wysong shear: 16 GA, 60" capacity.
	1	Dries and Krump power brake: W/various dies.
	1	Pexto hand press: 24" capacity box and pan press.
	3	10 ton punch presses.
		Complete line of hand brakes, shears, punches and other miscellaneous equipment.
<b>GRINDING:</b>	1	Boyer & Schultz 6" x 12" surface grinder. Various hand-tool grinders, sanders and buffers, endmill and drill sharpeners.
<b>SAWS:</b>	1	Kalamazoo 9" x 16" capacity H.D. cutoff saw.
	1	Doall 20 RF vertical contour saw.
	1	Walker-Turner 14" vertical contour saw.
<b>MISCELLANEOUS MACHINERY:</b>	2	Famco arbor presses.
	1	5 H/P portable air compressor.
	1	10 H/P air compressor.
	1	3/4 H/P portable air compressor.
	1	Portable generator 4400 Watt.
	1	Portable hydraulic boring machine 24" cap. 10 Hp.
	2	Darex Drill Sharpeners
<b>HANDLING EQUIPMENT:</b>	1	Portable gantry: 2 ton capacity.
	1	Fork lift: 6 ton capacity.
	1	Electric lift hand truck: 6' lift, 1/2 ton capacity.
	1	3/4 ton pick-up/delivery truck.
		Various hoists and trolleys.

## ***FACILITIES LIST (con't)***

### **MISCELLANEOUS FINISHING EQUIPMENT:**

- 1 Empire glass bead machine.
  - 1 Wheelabrator-Hutson 4 cu. ft. vibratory finishing machine.
  - 1 Rayteck vibratory tumble 1 cu. ft.
  - 1 Paint spray booth.
- Complete list of qualified outside sources for plating and painting.