



# Micro Tool & Manufacturing, Inc.

6494 Federal Blvd  
Lemon Grove, California 91945  
Phone: (619) 582-5453  
Fax: (619) 582-0256  
[micro@microtoolmfginc.com](mailto:micro@microtoolmfginc.com)

## Machining and Fabrication Equipment

April 2019

### **CNC Turning**

Okuma LB35 II (2011)  
18" Chuck, 29" Swing, 31" Turning Length

Okuma Crown L1420 (2000)  
15" Chuck, 26" Swing, 47" Turning Length

Okuma Cadet L1420 (1995)  
12" Chuck, 26" Swing, 24" Turning Length

Okuma LB25 (1990)  
12" Chuck, 26" Swing, 24" Turning Length

(2) Mori Seiki SL3 (1987)  
10" Chuck, 20" Swing, 20" Turning Length

### **Conventional Turning**

King Boring Mill VTL (1963 Refurbished in 2002)  
36" Chuck, 42" Swing, 32" Height

(2) Summit Gap Bed Lathe (2003 & 2005)  
12" Chuck, 28" Swing, 80" Between Centers, D.R.O. Equipped

DoALL Lathe (1998)  
12" Chuck, 21" Swing, 56" Between Centers, D.R.O. Equipped

### **CNC Milling**

Okuma Genos M560V (2017)  
X41.4" x Y21.2" x Z 20"

Okuma MC-4 VAE (1990)  
X 30" x Y 16" x Z 17.5" VMC  
4<sup>th</sup> Axis Rotary Table Equipped

Okuma Howa Millac 4VA (1989)  
X 32" x Y 16" x Z 20" VMC  
4<sup>th</sup> Axis Rotary Table Equipped

### **Conventional Milling**

(3) Bridgeport Mill (1976)  
D.R.O. Equipped, Power Feed, 7" Removable Z Axis Extension

### **Wire EDM**

Mitsubishi Wire EDM (1992)  
X 11.8" x Y 17.7" x Z 10.5" and 1400 lbs. Max Workpiece Weight

### **CNC OD Grinding**

Norton LC5 OD Grinder (Remanufactured and CNC Retrofitted 2011)  
13" OD, 68" Between Centers  
Fanuc Oi-TD Control  
(3) Arobotec Steady Rests .79" - 1.38" Dia.  
(2) Arobotec Steady Rests 1.18" – 2.36" Dia.

### **Waterjet**

Flow 5 Axis Mach 3 4020b  
Work Envelope: 13'-1" x 6'-6"

### **Conventional Grinding**

Livnika Kikinda OD Grinder (1991)  
8" OD, 20" Between Centers

Summit OD Grinder (1969)  
12" OD, 60" Between Centers

Landis OD Grinder (1955)  
11" OD, 96" Between Centers

Sanford Surface Grinder (1968)  
6" x 12" Table, 6" Height

DoALL G-10 Surface Grinder (1956)  
8.5" x 24" Table with Power De-Magnetizing, 8" Height

### **Hone & Lapping**

Sunnen Model MBB-1660 (1998)  
.180" – 1.00" Dia. x 4.00" Length  
Sunnen Precision Gaging

(2) Lap Master (1970 & 1972)  
24" Lapping Machines

### **Welding**

Miller Dynasty 350 (2013)  
TIG Welder

Linde VI-450SS (1969)  
MIG Welder

Gas or Acetylene Welder (2003)  
Gas Welding, Brazing, etc.

### **Sawing**

Marvel Spartan PA360EPC (2013)  
14" x 14" Capacity Programmable Automatic Saw

DoALL Cutoff Saw (1956)  
12" x 12" Capacity

DoALL Vertical Band Saw (1985)  
12" Height, 36" Throat

### **Presses**

40 Ton Savage Press Brake (2004)  
4" Dia. Shaft, 120" Between Centers  
10" Height (not between centers)

25 Ton Dries & Krump Press Brake (1952)  
72" Bed, 8" Stroke

40 Ton Johnson Punch Press (1954)

Niagara Pinch Roll (1952)  
11 Gage Capacity, 3" Dia. x 48" Long Rolls

### **Thread Rolling**

Reed A-34A (1953)  
3-Die Thread Rolling Machine

Reed A32 (1950)  
3-Die Thread Rolling Machine

**Non-Destructive Testing**

Magnetic Particle and Liquid Dye Penetrant Systems

---