

## Machine Capacities (Maximum) Light Machine Shop:

#	Machine Name	X (inches)	Y (inches)	Z (inches)	Approx. Weight (lbs)	Tilt (inches)
1	Mitsui	21.5	15.75	19.75	1000	n/a
2	20	100	60	25	10,000	n/a
3	10	80	26	22	6000	n/a
4	Lathe	Maximum Diameter: 60 inches Maximum Length: 12 feet			Varies from 40 to 2,000 lbs.	n/a
5	Tree Mill	30	15	12	800	n/a
6	CNC 5	30	15	22	1000	n/a
7	YCI	40	20	25	1000	n/a
8	YCM	40	20	25	1000	n/a
9	YC1250	50	20.4	21.2	2200	
10	Water Jet Mach3	13'	6.5'	7"		
8	EDM Mitsubishi a	25 1/2	19 1/2	10 1/8	1400	
8	EDM Mitsubishi b	17.7	11.8	----		+ or - 1.2
9	EDM Charmille a	47.24	27.95	14.17	1100	
9	EDM Charmille b	24.8	15.7	---		+ or -2

### Water Jet Machine Flow Mach3

- 60,000 psi intensifier or Hyplex Hybrid pump
- Dynamic Waterjet for faster more accurate cutting
- FlowMaster intelligent user control

<http://www.flowwaterjet.com/en/waterjet-cutting/cutting-systems/mach-3/cutting-systems.aspx>

**Sheet Metal & Weld shop:** The capacities for sheet metal equipment are as follows: Maximum Sheet size (repositioning) 40 x 72 inches Tonnage 1/8 Aluminum, 1/8 Stainless Steel, 1/8 Steel Minimum thickness 17000 Caveat: Special setups for smaller thickness Forming capacity 3/8 inch Stainless Steel Maximum width 8 feet on 12 feet brakes Shearing capacity 3/8 Mild Steel, 3/8 Aluminum, 1/4 Stainless Steel Maximum width 10 feet.