



# U.P. Machine & Engineering Co.

## MACHINE CAPABILITY MATRIX

<b>SERVICES</b>	<b>MATERIALS</b>	<b>TURNING</b>	<b>MILLING</b>	<b>SECONDARY PROCESS</b>	<b>Lead Time</b>
<b>Precision CNC Machining</b>	<b>Ferrous</b>	<b>Automated Turning</b>	<b>Vertical Milling</b>	<b>In-House</b>	<b>Quotes</b>
Any Volume	Carbon/Alloy Bar	Dual spindle / Dual Turret	4-Axis Machining Centers	Light Assembly	Quick response to inquiries
Design Assistance	Steel Tubing	Live tooling	45" x 20" x 18" MAX Workpiece	Laser Etching/Engraving	Will advise true timeline for quote
Prototype/Sample	Castings and Forgings	Gantry Load = 22# MAX	600# MAX Weight	Fixture/Gage Design	Expedite available
Custom Components		Bar Feed = 3" DIA MAX			
		"Done in One" Processing			
<b>Saw Cutting</b>	<b>Non-Ferrous</b>	<b>Standard Turning</b>	<b>Horizontal Milling</b>	<b>Vendor Services</b>	<b>Machining</b>
Automated Cold Saw (4" MAX DIA)	Aluminum	22" DIA X 36" LG Max	5-Axis Machining Center	Paint / Powder Coat	Expedite Upon Request
Horizontal Band Saw (11" MAX DIA)	Brass / Bronze / Copper	Live Tooling	23" x 23" x 18" MAX Workpiece	Anozide / Various Plating	Quick Machine Setup
Deburring	Stainless Steel	Threading / Knurling	600# MAX Weight	Impregnation	Flexible Scheduling
	High-Nickel Alloys			Broaching	Open 7 days/week
				Centerless Grinding	
<b>Engineering Capabilities</b>	<b>Plastics</b>			<b>More Vendor Services</b>	<b>Shipping</b>
Tooling Design	Acetal / Delrin			Fabrication / Welding	Nationwide / International carriers
2D AutoCAD Drafting	Nylon			Custom Tool Design	Delivery Services (locally)
CAM Programming Software					
Product Design Assistance					
<b>Logistics</b>					
Inventory Stocking Programs					
Cost Savings Programs					
Vast Vendor Network					
<b>ISO 9001 REGISTERED</b>					
Implemented QMS System					
<b>Industries we serve</b>					
	Marine	Fire suppression	Fluid Power Systems	Agricultural Equipment	
	Aircraft	Heavy Equipment	Municipal	Pharmaceutical	
	Defense	Transportation	Scientific Instruments	Machine Tool	
	Electronics	Food Service	Analytical Equipment	Forestry	