Machine Capabilities

Description	Model #	Make	Alum	Steel	Plastic (UHMW, Delrin, etc..)	Copper, Brass	Other	# of Axis	Working Range X Axis (inches)	Working Range Y Axis (inches)	Working Range Z Axis (inches)	Special Features (Spindles, Live Tooling, Turrets, Etc.)	Open Capacity (Available shifts, assume 5 days a week, 10 hours per shift, 2 shifts	Tolerance Capability
Wire EDM	C600iB-12"	Fanuc	x	x		x	All conductive materials	5	23.6	15.7	12.2		1	±.0002"
Sinker EDM	Form 20	Charmilles	x	x		x	All conductive materials	3	12	12	12		1	+/-.0002
CNC Turn Mill	M08SY	Tsugami	X	X	X	X	X	5	9.8	20/±1.968	15.75	Turn mill machine	1	±.0005"
CNC Turn Mill	M08SY	Tsugami	X	X	X	X	X	5	9.8	20/±1.968	15.75	Turn mill machine	1	±.0005"
CNC Swiss	B0326-III	Tsugami	X	X	X	X	X	10	1.5	1.5	12	Live Tooling	1	+/-0.0002
CNC Swiss	B0326-III	Tsugami	X	X	X	X	X	10	1.5	1.5	12	Live Tooling	1	+/-0.0002
CNC Lathe		Milacron	x	x	x	x	x	2	6	x	24		1	+/-0.0002
CNC Lathe		Milacron	x	x	x	x	x	2	6	x	24		1	+/-0.0002
Vertical CNC Mill	LVC6700	SMEC	X	X	x	X	X	3	60	30	24	Probing	1	+/-.0002
Vertical CNC Mill	Stealth 1165	Toyoda	X	X	X	X	X	4	43.3	25.6	23.6	12k Spindle; Thru coolant; High speed milling	1	±.0002"
Vertical CNC Mill	VC1052	Takumi	X	X	X	X	X	4	41.7	20.5	24	15K spindleThru coolant High speed milling	1	+/-.0005
Vertical CNC Mill	VMX30i	HURCO	X	X	X	X	X	4	40	20	24	12k Spindle; Thru coolant; High speed milling	1	±.0002"
Vertical CNC Mill	VMX30i	HURCO	X	X	X	X	X	4	40	20	24	12k Spindle; Thru coolant; High speed milling	1	±.0002"
Vertical CNC Mill	VF4SS	Haas	x	x	x	x	x	3	50	20	24	12k Spindle; Thru coolant; High speed milling	1	+/-.0005
Vertical CNC Mill	VF4SS	Haas	x	x	x	x	x	3	50	20	24	12k Spindle; Thru coolant; High speed milling	1	+/-.0005
Vertical CNC Mill	VF4SS	Haas	x	x	x	x	x	3	50	20	24	12k Spindle; Thru coolant; High speed milling	1	+/-.0005
Vertical CNC Mill	VF6	Haas	x	x	x	x	x	3	64	32	24	12k Spindle; Thru coolant; High speed milling	1	+/-.0006
Vertical CNC Mill	VF9	Haas	x	x	x	x	x	3	84	40	24	12k Spindle; Thru coolant; High speed milling	1	+/-.0007

Vertical CNC Mill	VM10i Plus	HURCO	X	X	X	X	X	3	26	16	20	12k Spindle; Thru coolant; High speed milling	1	±.0005"
Vertical CNC Mill		Milltronics	X	X	X	X	X	3	40	16	20		1	±.0005"
Vertical CNC Mill		Milltronics	X	X	X	X	X	3	40	16	20		1	±.0005"
Vertical CNC Mill		Roberts	x	x	x	x	x	3	36	16	12			
Vertical CNC Mill		PRO-A-TRACK	X	X	X	X	X	2	30	15	20		1	±.001"
Vertical CNC Mill		PRO-A-TRACK	X	X	X	X	X	2	28	14	20		1	±.001"
Vertical CNC Mill	SERIES II	PRO-A-TRACK	X	X	X	X	X	2	36	12	16		1	±.001"
Vertical Mill	SERIES I	BRIDGEPORT	X	X	X	X	X	2	36	12	16		1	±.001"
Vertical Mill	SERIES I	BRIDGEPORT	X	X	X	X	X	2	36	12	16		1	±.001"
CMM	IM Series	Keyence	X	X	X	X	X		12	12	6		1	±.0001"
CMM	XM Series	Keyence	X	X	X	X	X		16	16	10		1	±.0003"
CMM	XM Series	Keyence	X	X	X	X	X		16	16	10		1	±.0003"
Comparator	QL-14	OGP							12	12	12		1	±.0003"
CNC Lathe	TL-2	HAAS	X	X	X	X	X	2	40	10	46		1	±.001"
Engine Lathe	REGAL	LEBLOND	X	X	X	X	X	2	30	10	30		1	±.001"
Engine Lathe	2290	Acra	X	X	X	X	X	2	72	20	30		1	±.001"
Vertical S.G.	2Z	PARKER	X	X	X	X		3	18	6	20	SONY READ OUT	1	±.0003"
Vertical S.G.	2Z	PARKER	X	X	X	X		3	18	6	20	SONY READ OUT	1	±.0003"
Vertical S.G.	ACC12-24DX	OKAMOTO	X	X	X	X		3	24	12	15	HYD with CNC down feed	1	±.0003"
Hone		SUNNEN	X	X		X	X	1	4	2			1	±.0001"
Hone		SUNNEN	X	X		X	X	1	4	2			1	±.0001"
O.D. Grinder		BROWN-SHARPE	X	X		X	X	2	14	8	18		1	±.0001"
Laser Etcher	Colbalt-Dom-20PF	Colbalt Laser	X	X	X	X	X						1	
Burr King Tumbler 20 Quart	Vibra King 200	Burr King	X	X	X	X	X						1	
Burr King Tumbler 20 Quart	Vibra King 200	Burr King	X	X	X	X	X						1	
We are able to provide additional services such as: Swiss Machining, Heat Treat, Black Oxide, Plating/Coating and the like.														