

Facilities List

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ISO 9001:2015 certified

TURNING CENTERS

CNC SWISS

<u>Manufacturer</u>	<u>Model</u>	<u>Max Bar Size</u>
Citizen (Qty 3)	L20	13/16"
Citizen (Qty 5)	A20	13/16"
Citizen (Qty 2)	L32	1-1/4"
Citizen	A32	1-1/4"
Citizen	K16	5/8"
Tsugami	BO12-II	1/2"
Star	SA-12	1/2"

CNC LATHE

<u>Manufacturer</u>	<u>Model</u>	<u>Max Bar Size</u>
Mori Seiki (Qty 2)	SL - 250	2 5/8"
Mori Seiki	SL - 25B	2 5/8"
Mori Seiki	CL - 200B	2 1/2"
Doosan	GT2600	3"
Hardinge	T42-SGSS	1 5/8"
Viper	VT - 15	1 3/4"

MACHINING CENTERS

HORIZONTAL

<u>Manufacturer</u>	<u>Model</u>	<u>Travel</u>	<u>Tool Capacity</u>
Mori Seiki	SH50	24" x 24" x 24"	120
Kitamura	HX-400G	24" x 24" x 24"	50
Kitamura (Qty 2)	HX-400IF	24" x 24" x 24"	50

CONTINUED

MACHINING CENTERS

VERTICAL

<u>Manufacturer</u>	<u>Model</u>		<u>Travel</u>	<u>Tool Capacity</u>
Matsuura	RA II F	*	23.5" x 16"	30
Kitamura	3XG		30" x 18"	30
Kitamura	4XID with dual 4 th axis	*	40" x 20"	40
Haas	VF – 9		84" x 40"	25
Haas	VF - 3		40" x 20"	20
Mori Seiki	MV – 40	*	40" x 22"	30
Leblond Makino	FNC – 60 – A		24" x 16"	20
Fadal	6030		60" x 30"	21

*Machining centers equipped with pallet changers for maximum efficiency and flexibility

FABRICATION

LASER

<u>Manufacturer</u>	<u>Model</u>	<u>Description and Features</u>
Orion LVD	3015	2500 Watt Laser 5' x 10' With Auto Loader

PRESS BRAKE

<u>Manufacturer</u>	<u>Model</u>	<u>Description and Features</u>
Trumpf	Trumabend V130	120" Bed and 16 " Throat 144 Ton Capacity

WELDING

<u>Manufacturer</u>	<u>Model</u>	<u>Description and Features</u>
Miller	Various Welders	Mig, Tig & SMAW
Miller	Spectrum 701	Plasma Cutter

CONVENTIONAL MACHINES

- (8) CNC Programmable Knee Mills (VECTRAX/HURCO)
- (1) HAAS TL-1 Programmable Tool Room Lathe
- (7) Knee Mills
- (3) Manual Lathes
- (1) Hardinge 2nd Operation Turret Lathe

OTHER:

- Coordinate Measuring Machine – G&L – RS5
- Optical Comparator
- Calibrated Inspection Instruments
- Ultrasonic Cleaning
- Gibbs 2016 CAM Software with Solid Modeling
- Solid Works 2017 CAD Software