SHOP 1

TYPE	MANUFACTURER		MODEL	(mm) X	(mm) Y	(mm) Z	(inch) X	(inch) Y	(inch) Z	REMARKS	Units
M/C		BROTHER	Speedio M200X3 RD	200	440	305	7.9	17.3	12.0	5 axis A-120 to 30° C-360°	4
M/C		BROTHER	Speedio M300X3 RD	300	440	305	11.8	17.3	12.0		1
M/C		BROTHER	Speedio S700X1	700	400	300	27.6	15.7	11.8		1
M/C		BROTHER	Speedio S1000X1	1000	500	300	39.4	19.7	11.8	Rotary table	2
M/C		BROTHER	Speedio R450X1	450	320	305	17.7	12.6	12.0	Pallet changer	1
M/C		BROTHER	Speedio S500X1 /HIGH TORQUE	500	400	300	19.7	15.7	11.8		1
M/C		HAAS	VF2	762	406	508	30.0	16.0	20.0	BT40	2
M/C		HAAS	VF4	1270	508	635	50.0	20.0	25.0	BT40	1
M/C		FANUC	ROBODRILL α-T14iAL	700	380	300	27.6	15.0	11.8	Rotary table	1
M/C		FANUC	ROBODRILL α-T14iE	700	380	300	27.6	15.0	11.8	Rotary table	2
M/C		FANUC	ROBODRILL α-T21iD/T-14iFa	700	380	300	27.6	15.0	11.8	Rotary table	2
M/C		DMG MORI	MV-40	560	410	460	22.0	16.1	18.1		1
									Total M/C	19	
Swiss lathe		Star Seimitsu	SR20	max. Φ20			max. Φ0.8				1
Wire EDM		WANTAI	DK7735/DK7745J								2
CNC lathe		OKUMA	Genos L250-e	max. Φ270*250			max. Φ10.6*9.8				1
CNC lathe		TECNO WASINO	J3	max. Φ240*310			max. Φ9.4*12.2				1
CNC lathe		OKUMA & HOWA	HJ-28	max. Φ280*330			max. Φ11.9*13.0				1
CNC lathe		OKUMA	LCS250	max. Φ270*250			max. Φ10.6*9.8				3
CNC lathe		MORISEIKI	MSC-500	max. Φ470*470			max. Φ18.5*18.5				1

SHOP 2

TYPE	MANUFACTURER		MODEL	(mm) X	(mm) Y	(mm) Z	(inch) X	(inch) Y	(inch) Z	REMARKS	Units
M/C		BROTHER	Speedio M200X3 RD	200	440	305	7.9	17.3	12.0	5 axis A-120 to 30° C-360°	4
M/C		BROTHER	Speedio M300X3 RD	300	440	305	11.8	17.3	12.0		1
										4 more of Brother 5 axis machining centers are coming in 2025.	
M/C		BROTHER	Speedio S700X2 /HIGH TORQUE	700	400	300	27.6	15.7	11.8		6
M/C		BROTHER	Speedio W1000Xd1 /HIGH TORQUE	1000	500	300	39.4	19.7	11.8		3
M/C		BROTHER	Speedio S1000X1 /HIGH TORQUE	1000	500	300	39.4	19.7	11.8		1
M/C		BROTHER	Speedio S500X1 /HIGH TORQUE	500	400	300	19.7	15.7	11.8	Rotery table	2
M/C		BROTHER	Speedio S500X2 /HIGH TORQUE	500	400	300	19.7	15.7	11.8		2
M/C		FANUC	ROBODRILL α-D21MiB (HGH TORQUE)	500	400	330	19.7	15.7	13.0		3
M/C		FANUC	ROBODRILL α-T21iE (HIGH TORQUE)	500	400	330	19.7	15.7	13.0		2
M/C		FANUC	ROBODRILL	500	400	330	19.7	15.7	13.0		2
M/C		MORI SEIKI	SV-400	600	430	460	23.6	16.9	18.1	BT40	2
M/C		HAAS	VF2	762	406	508	30.0	16.0	20.0	BT40	1
M/C		HAAS	VF4	1270	508	635	50.0	20.0	25.0	BT40	1
									TOTAL M/C	30	
Swiss Lathe		Citizen	CINCOM A20-3F7	max. Φ20			max. Φ0.8				
Wire EDM		Fanuc & WANTAI	ROBOCUT α-1iA & other	520	370	310	20.5	14.6	12.2		3
Surface grinder		OKAMOTO	-								1
Surface grinder		PSG	-								1

INSPECTION & OTHER INSTRUMENT

CMM		MITUTOYO	CRYSTA-Apex V574	500	700	400	19.7	27.6	15.7		1
		HEXAGON	Glory Scan 8.10.6- HH-AS-T5 + HP-S-X1S Kit PC-DMIS CAD + DCC Scanning	800	1000	660	31.5	39.4	26.0		1
Image dimension measurement device		KEYENCE	IM-8030T/VR-6000							300mm*200mm table (11.8*7.9)	3
Linear height gauge		Mitutoyo	LH-600E/LH-600FG								2
Surface roughness tester		Mitutoyo	Surftest SJ-210								1
Hardness tester											1
Ultra Sonic Cleaner											1
Steam Cleaner		Alfa Mirage	MRS-1PG	0.5Mpa							1

TOTAL NUMBERS OF M/C - 49

*Machine shop 1 to 2 is 30 minutes drive away.

*As of 1st, Sept. 2025

Installation of 3 additional Speedio M200X3 RD 5 axis M/C shceduled in 2025.