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Machining Precision—Since 1981



EQUIPMENT LIST

CNC Machining Centers, 4 and 5-Axis

Location		Make	Model	Style	Travel X-Axis	Travel Y-Axis	Travel Z-Axis	Table Size
VT	MA							
	1	Okuma	MB4000	HMC Pallet	22.05	22.05	24.61	15.75 x 15.75
	2	Haas	Super VF2	VMC	30	16	20	36 x 14
	4	Haas	Super VF2SS	VMC	30	16	20	36 x 14
	2	Haas	Super VF4SS	VMC	50	20	25	52 x 18
	1	Haas	VF-3	VMC	40	20	25	48 x 18
	2	Okuma	MA-400HA	HMC Pallet	22	24	24.6	15.75 x 15.75
	1	OKK	HP500S	HMC Pallet	24.8	24.4	27.9	19.6 x 19.6
	2	Hurco	BMC3017	VMC	30	17	21	40 x 16
	1	Hurco	VSX40	VMC	40	20	20	48 x 20
	1	Hurco	VM20i	VMC	40	20	20	46 x 20
	2	Hurco	VM1	VMC	26	14	18	30 x 14



CNC Turning Centers

Location		Make	Model	Style	Max Turning Diameter	Max Length
VT	MA					
	1	Mazak	QuickTurn 6G	CNC	3.74 (95mm)	2.36 (60mm)
	1	Okuma	LB3000EXII	CNC	13.39 (340mm)	17.7 (450mm)
	1	Bridgeport	EZPath	CNC/Manual	16.5 (419mm)	40 (1016mm)
	1	Hurco	TM8	CNC	8 (203mm)	18.8 (477mm)
	1	Okuma	Impact LU-15M	5-Axis CNC	10.62 (269mm)	23.62 (600mm)
	1	Okuma	Impact LU-15	4-Axis CNC	14.11 (358mm)	23.62 (600mm)
	1	Okuma	Crown	CNC	14.11 (358mm)	25.29 (642mm)
	1	Okuma	Cadet Big Bore	CNC	8.31 (211mm)	15.69 (398mm)



Laser Marking

Location		Make	Model	Style	Travel X-Axis	Travel Z-Axis
VT	MA					
	1	Tykma	Scorpeo SE	20W Fiber	18 *	12

* 24.5" x 6.5" Marking Field



Industrial Laser Systems

Waterjet

Location		Make	Model	Style	Table Size	Max PSI
VT	MA					
	1	Omax	2652A	WaterJet	30 x 69	40000 *

* Variable Drive Intensifier Pump



Quality Control

Location		Description
VT	MA	
	1	Mitutoyo Crysta-Apex S7106 CNC CMM X27.5" x Y39.3" x Z23.6" Resolution 0.000004"
	1	Tesa 3D CMM w / Reflex Software Volumetric cube 18.11 x 20.08 x 16.54
	1	Mitutoyo Crysta-plus 504 CNC CMM X20" x Y16" x Z16" Resolution 0.000004"
	1	Mitutoyo 350 Micro-Hite
	1	Brown & Sharp 350 Micro-Hite
	1	Brown & Sharp 400 Micro-Hite
	1	TM 500 3 Axis Measuring Microscope w / .0005 resolution
	1	Super - Mic w / .00004 Resolution and 15" Travel



Contact

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