



CAPABILITIES BRIEF

- CNC Machined Components and Assemblies
- CNC Turning (14 Machines) up to 14" diameter x 24' length
- CNC Milling (38 Machines - Horizontal and Vertical) up to 78" x 26" x 20"
- 4-Axis precision machining
- Wire EDM and Drilling capabilities
- CMM Co-Ordinate Measuring Machine
- Microview Vision and Comparator Inspection
- Tolerances .001 True Position
- Assembly and packaging
- Profilometer and Rockwell Hardness Tester

KEY DEFENSE AND MANUFACTURING CUSTOMERS



OHIO ORDNANCE WORKS

PRESERVING THE PAST. ENGINEERING FOR THE FUTURE.



CTL AEROSPACE, INC.



WE'RE THE NEXT-BEST THING TO AN IN-HOUSE CNC SHOP!

CAGE CODE 98454
NAICS 332710
SIC CODE 3599
UEI KE1PTAMWER53



HORIZONTAL MILLS

Machine	X-Axis Travel	Y-Axis Travel	Z-Axis Travel
Tongtai	20"	20"	20"
Tongtai	20"	20"	20"
Mori Seiki NH-5000	24.8"	23.6"	25.6"
Mori Seiki SH-630	33.1"	33.8"	33.1"

VERTICAL MILLS

Machine	X-Axis Travel	Y-Axis Travel	Z-Axis Travel
Haas super Mini mill	16"	12"	10"
Haas Mini mill	16"	12"	10"
Haas Mini mill	16"	12"	10"
Haas Mini mill	16"	12"	10"
Haas Mini mill	16"	12"	10"
Haas Mini mill	16"	12"	10"
Haas Mini Mill 2	20"	16"	14"
Haas super Mini Mill 2	20"	16"	14"
Haas Mini Mill 2	20"	16"	14"
Haas Mini Mill 2	20"	16"	14"
Haas VF 0	20"	16"	20"
Tongtai VTX-7	28	15.7	11.8
Tongtai VTX-7	28	15.7	11.8
Haas Tool Room	40"	16"	16"
Haas VFOE#1	30"	16"	20"
Haas VFOE#2	30"	16"	20"
Haas VFOE#4	30"	16"	20"
Haas V0E	30"	16"	20"
Haas VF 2	30"	16"	20"
Haas VF 2	30"	16"	20"
Haas VF 2SS	30"	16"	20"
Haas VF 2SS	30"	16"	20"
Haas VF 2	30"	16"	20"
Haas VFOE#4	30"	16"	20"
Haas VFOE#3	30"	16"	20"
Haas Tool Room	40"	16"	16"
Haas VF3	40"	20"	25"
Haas VF3	40"	20"	25"
Haas VF3	40"	20"	25"
Haas VF3	40"	20"	25"
Haas VF3	40"	20"	25"
Haas VF3	40"	20"	25"
Haas VF-4	50"	20"	25"
Haas VF7	82"	32"	30"

QUALITY/INSPECTION

Machine
Zeiss Contura GS CMM with RDS Head
Vertex 311HC Microview Vision
Sterrett Comparator
Surface Roughness Tester



EQUIPMENT LIST

EDM/ROBOT

Machine			
Mitsubishi Hole Popper ED-20000M			
Accutex sp-500i	19.7"	11.8"	11.8"
Accutex AL-560SA	22"	14"	11.8"
FANUC CRX-10iA/L 10KG Payload 1.4m Reach			

LATHES

Machine	X-Axis Travel	Y-Axis Travel	Z-Axis Travel	Chuck Size	Max Bar
Mazak QT-10	3.75"		11.40"	6.00"	1.57"
Haas SL-10	6.25"		14"	6"	1.75"
Mazak QT-20	7.125"		20.125"	8.00"	2.00"
Mazak QT-200	7.3"		12.6"	6.00"	1.57"
Mazak Matrixs 250 II	7.5"		20.25"	10"	3.0"
Haas ST15-Y	7.9		16	8"	2.5
Haas TL-2	8"		48"	10"	3.0"
Haas ST25-Y	8.4		22.5	10"	3
Mazak QT-250	8.5"		20.1"	8.00"	2.0"
Mazak QTN-200	8.5"		20.1"	8.00"	2.0"
Mazak MY250	8.5"		23.75"	8"	2.0"
Mazak MY250	8.5"		23.75"	8"	2.0"
Mazak Matrixs 300	8.875"		49.125"	10"	3.0"
sl 40 Haas	17		44"	15"	4.0"
sl 40 Haas	17		44"	15"	4.0"