

CAPABILITIES BRIEF

- CNC Machined Components and Assemblies
- CNC Turning (15 Machines) up to 14" Diameter x 24" Length
- CNC Milling (33 Machines – Horizontal and Vertical) up to 78" x 26" x 20"
- 4-Axis Precision Machining
- Wide Range of Materials (Steel, Aluminum, Alloys, Inconel, Titanium, Brass)
- Net Shape Raw Materials (Castings, Forgings, Extrusions)
- Wire EDM and Drilling capabilities
- CMM Coordinate Measuring Machine
- Microview Vision and Comparator Inspection
- Profilometer and Rockwell Hardness Tester
- Tolerances .001" True Position
- Assembly and Packaging

KEY DEFENSE AND MANUFACTURING CUSTOMERS



OHIO ORDNANCE WORKS
PRESERVING THE PAST. ENGINEERING FOR THE FUTURE.



AEROSPACE



GENERAL DYNAMICS
Ordnance and Tactical Systems

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	30"	12"	16"
Haas VF-2	30"	16"	20"
Haas V-0E	30"	16"	20"
Haas VF-2	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 Tool Room	40"	16"	16"
Haas VF-3	40"	20"	25"
Haas VF-3	40"	20"	25"
Haas VF-3	40"	20"	25"
Haas VF-3	40"	20"	25"
Haas VF-4	50"	20"	25"
Haas VF-7	82"	32"	30"

QUALITY/INSPECTION

Machine
Zeiss Contura GS CMM with RDS Head
Vertex 31 1HC Microview Vision
Sterrett Comparator
Surface Roughness Tester



EDM/ROBOT

Machine			
Pro Spark PNC-33Z2 Hole Popper			
Accutex SP-5001	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	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"	3"
Mazak MY250	8.5"	23.75"	8"	2.0"
Mazak MY250	8.5"	23.75"	8"	2.0"
Mazak Matrix 300	8.875"	49.125"	10"	3.0"
Haas SL-40	17"	44"	15"	4.0"
Haas SL-40	17"	44"	15"	4.0"

EQUIPMENT LIST