

MACHINE TOOL CAPABILITIES

CNC Turning and Milling	<ul style="list-style-type: none"> • (8) CNC Turning Centers • (6) CNC Vertical Machining Centers • (6) Horizontal Machining Centers • (3) NC Lathes <ul style="list-style-type: none"> ◦ Up to 36"D x 80"L capacity
CNC Jig Grinding	<ul style="list-style-type: none"> • (8) CNC & NC Jig Grinders
Cylindrical Grinding	<ul style="list-style-type: none"> • (8) Cylindrical ID/OD Grinders
Laser Etching and Engraving	<ul style="list-style-type: none"> • Laser Etching Capabilities with QR Code generation
Micro Laser Welding	<ul style="list-style-type: none"> • Micro Laser Welding for all types of material substrates and hardness
Precision Part Inspection	<ul style="list-style-type: none"> • Zeiss Accura DCC-CMM with Rotary Table, Mitutoyo Contracer Inspection System • (5) Manual CMM's, • Keyence 3D Optical Scanning System • Fellows Gear Involute Inspection System • (4) Micro-Vu Optical Comparators • (4) Optical Measuring Systems with a full complement of general quality control systems and equipment
Heat Treatment/ Cryogenics	<ul style="list-style-type: none"> • (8) Heat Treat / Draw Ovens <ul style="list-style-type: none"> ◦ Max 24"D x 18"H • Cryomersion Cryogenic Stress Relief System
Precision Hard Machining	<ul style="list-style-type: none"> • (2) Dedicated Hard Turn CNC Lathes • (5) High Speed Machining Centers • (4) Dedicated 4-Axis Machining Centers • Hard machine materials in excess of 65 Rc and have shown positive results in the hard machining of certain carbide grades
Gears (Spur, Helical, Bevel, Gerotors, Sprockets, Modified)	<ul style="list-style-type: none"> • NC & CNC Gear Grinding with Helical capabilities <ul style="list-style-type: none"> ◦ 400" min – 9.8" max Dia. x 30"L ◦ 45 degree helix max capacity
Precision Grinding	<ul style="list-style-type: none"> • (30+) NC & Manual Surface Grinders with full Dressing, Rotary Indexing, and DRO's
Wire and Sinker (RAM) EDM Services	<ul style="list-style-type: none"> • Our Wire and Ram/Sinker EDM services use the most advanced EDM equipment technologies, which enables the machining of the most intricate and precise shapes in the industry. • (10) Wire EDM's with Linear Technology, Carbide Circuits, Fine Finish Circuits <ul style="list-style-type: none"> ◦ Max. workpiece dimensions 49.2"W x 40.1"L x 32"H ◦ Max. machining range 31.5"W x 23.6"L x 32"H x 6,600lbs • (11) Sinker EDM's with Linear Technology, Carbide Circuits, Fine Finish Circuits, and Remote Connect Monitoring <ul style="list-style-type: none"> ◦ Max. workpiece dimensions 43.3"W x 29.5"L x 38"H • (2) Small hole EDM's.
Miscellaneous	<ul style="list-style-type: none"> • Manual Lathes • Mills • Polishing Stations • Extrude Hones • Rotary Grinders • Hones