**Equipment**
All machinery is state-of-the-art and in top condition to meet your tightest tolerances in both inch and metric dimensioning.

|  |
| --- |
| **Vertical Machining Centers**http://www.stephensmachine.com/images/smipic3.jpg- Fadal VMC 6030 VHT CNC Vertical Machining Center. Large 30"x62.5" table size 4000# work load capacity and table travel of 30"-Yx60"-X and vertical travel of 30" in Z-axis.- Tree VMC 1260E CNC Vertical Machining Center. 50"-Y x 24"-X x 30"-Z axis travel maximum work capacity weight of 3,000#.- Fadal VMC 6030 HT CNC Vertical Machining Center. Large 30" x 62.5" table size and table travel of 30"-Y x 60"-X and vertical travel of 30" in Z-axis.- Fadal VMC 4020 CNC Vertical Machining Center. Large 20" x 47.94" table with axis travel of 20" x 40", spindle nose to table distance of 20" with table weight capacity of 4,000#.- Hurco BMC-30 Vertical Machine Center. Large 16" x 40": with weight capacity of 2,400#.- Hurco KM3P CNC Vertical Milling Machine. Large 14" x 49" table with axis travel of 14" x 24". Spindle nose to table distance of 17.25" with table weight capacity of 750#. |

|  |
| --- |
| **LATHES**-HAAS CNC Lathe. 25.5” x 44” max capacity, 34.5” swing- Dianichi F30 CNC Universal Turning Machine. 21.6" swing x 50" turning length from 35-3500 RPM- Dianichi F20 CNC Universal Turning Machine. 10" swing x 23" turning length from 45-4500 RPM- Hitachi 4E CNC Lathe. 8" dia x 24" long, 35 - 4000 RPM- Clausing Colchester 15" x 50" Lathe- Summit Manual Lathe - 19" x 80"- Clausing Metosa 14" x 40" Lathe- South Bend Manual Lathe - 17" tool room lathe- Lagun Deluxe Vertical Milling Machine - 54" x 11" table- Bridgeport Mill 2J2 Head 9" x 48" table- Bridgeport Mill 2J2 Head 9" x 42" table- Bridgeport 2J Head 9" x 42" table- Climax Portable Mill |

|  |
| --- |
| **GRINDING**- Chevalier model FSG-1224AD11 Automatic Hydraulic Surface Grinder with 12" x 24"- Blanchard 36" Rotary Table #16- Harig 612 Hand Surface Grinder- Norton Tool Grinder |

|  |
| --- |
| **Q.C. Inspection**- Mititoyo BRT-M507 Bright coordinate measuring machine 20" x 28" x 15"- Roughometer RMS Gauging System Autodrive SR-17 Surface tester |

|  |
| --- |
| **Engineering & Software Capabilities**-Auto Desk Inventor Pro 2016 http://www.stephensmachine.com/images/smipic2.jpg-Complete Auto-CAD 2016-MasterCam – Solids, CAD/CAM Rhino 5 – for 3D |

|  |
| --- |
| **Cutting**- Hyd-Mech 13" x 18" capacity Model S-20A automatic indexable- Marvel 81-HC High Column Vertical Bandsaw 18" x 24" capacity.- Marvel #8-HC High Column Vertical Bandsaw 18" x 24" capacity. |

|  |
| --- |
| **BENDING AND SHEARING**- HTC Hydraulic Shear ½" thick x 10' long - Accupress 320 - 320 ton 14' Pressbrake - Web 2A - Intial Pinch plate roll 1/4" |

|  |
| --- |
| **WELDING**- Miller Tig Dial Arc HF AC-DC High Frequency Heli-Arc Welder.- Lincoln Mig Welder Ideal Arc SP-200- Miller Matic 300 Amp Speed Gun - 4 - Hobart 300 Amp Mig Machines with Feeders- Hyper therm Max 100 Plasm Arc |

|  |
| --- |
| **SUPPORT EQUIPMENT**http://www.stephensmachine.com/images/smipic5.jpg- Hydraulic Test Stand for various hydraulic equipment and product testing with 5HP; 4.0 gpm; standard 1500 psi pressure with capabilities to 5000 psi as required. - Geka 110 Iron Worker - 12-ton x 42" wide 16 gauge Di-Acro hydraulic press brake.- Di-Acro 16 gauge notcher.- Various standard and miscellaneous sheet metal punches and tooling for multiple sheet metal operations- 50 Ton Enerpac H-Frame Hydraulic Press- Heat Treat Furnace Huppert 2,200 degree - Tempering Furnace3 Huppert 600 degree - Ridged 535 Pipe Threading Machine - Ransburg Electrostatic Painting System. |