



SERVICES

South Eastern Machining & Field Services

We at SEM specialize in one-off's, to production runs including completion of sub assemblies and full machine builds. We machine most materials including stainless, plastics, aluminum, steel alloys, Delrin, and even Inconel. With our 3,4, and 5 axis CNC machining centers, combined with our Fabrication, Engineering, on-site, and Quality Service, we're your one-stop-shop to bring your ideas to Reality!



Machining

Job shop -This is the ideal route for **Prototypes, One offs, and small batch runs.** With our Quick turn-arounds and competitive pricing, we'll put our CNC mills, CNC lathes and expertise to work to bring your ideas to life.

Production - This is the ideal route for **high volume orders** with dedicated machines. With our Okuma MB5000 FMS machining center 10 pallets, lights - out operation, dual spindle lathe, Okuma lathes , Okuma multi- axis turn & mill centers, Haas vertical & horizontal machining centers, we make high volume no problem.

- **Mill and Lathe operations:** Drilling, Boring, contour milling, Form milling, Chamfering, Threading, Broaching, Engraving, Turning, Knurling, facing
- Laser Engraving
- Heat Treating
- Passivation



Fabrication

Custom fabrication: We do more than just machining at SEM, and have the capabilities to produce your idea, even if machining isn't the best route.

- **Welding:** Mig, TIG, Soldering, Brazing, Plasma, and Arc.
- Assembly
- Bending
- Painting and Finishing
- Shears
- Band Saws
- Semi-Automatic Horizontal Saw
- Sanders
- Bead Blasters
- Punch and Press



Engineering

Design: We have the knowledge and experience to turn your ideas into dimensionally accurate 3D models which we will turn into 2D drawings, that will become the roadmap to your reproducible product.

- Solidworks
- 3D printing
- Visualize
- 3D models
- 2D drawings
- DWGs
- Simulations
- Renderings
- Proposals
- Prototypes
- FARO Arm
- STL's
- Edrawings
- ASME Y14.5 Standards



Quality Control

To Print: Southeastern Machining offers top notch quality control services as a value added service for our machining and fabrication divisions. All parts are thoroughly inspected after each operation in addition to the final inspection.

- 2 Coordinate Measuring Machines
- Videos Measuring Systems (Sciencescope)
- Roundness
- Coaxiality
- Concentricity
- Run-out
- flatness
- Parallelism
- Squareness
- Hardness
- Inspection reports upon request
- Guaging
- Scopes and hand measuring tools



On-Site Services YOUR Facilities This is a specialty service offered by SEM where we take our people and equipment and preform maintenance or shut-down services at YOUR facilities.

- Shut Down Services
- In-plant Maintenance programs
- Equipment installation
- Equipment Rebuilds
- On-Site Welding
- On-Site Fabrication
- On-site Engineering
- Shipping