

RMS OPERATIONS MACHINING CENTER

CAPABILITY WITHOUT COMPROMISE

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RMS OPERATIONS MACHINING CENTER

The Advanced Machining Center located in Owego, New York is a turn-key solution for all of your metal craft needs including machining, welding, sheet metal, top level assembly, surface treat, and paint capabilities. The state-of-the art facility was designed with a focus on product flow and cell-based machining. The Center has implemented 6S and Lean Six Sigma practices throughout to provide the most cost-effective manufacturing solutions to our customers. The Center uses the latest in Manufacturing Requirements Planning (MRP) technologies to guarantee a

streamlined manufacturing solution that minimizes lead times and processing costs. The Center's certified and skilled operators, programmers and engineers have years of experience providing world-class support to our customers.

PRODUCTION CAPABILITIES

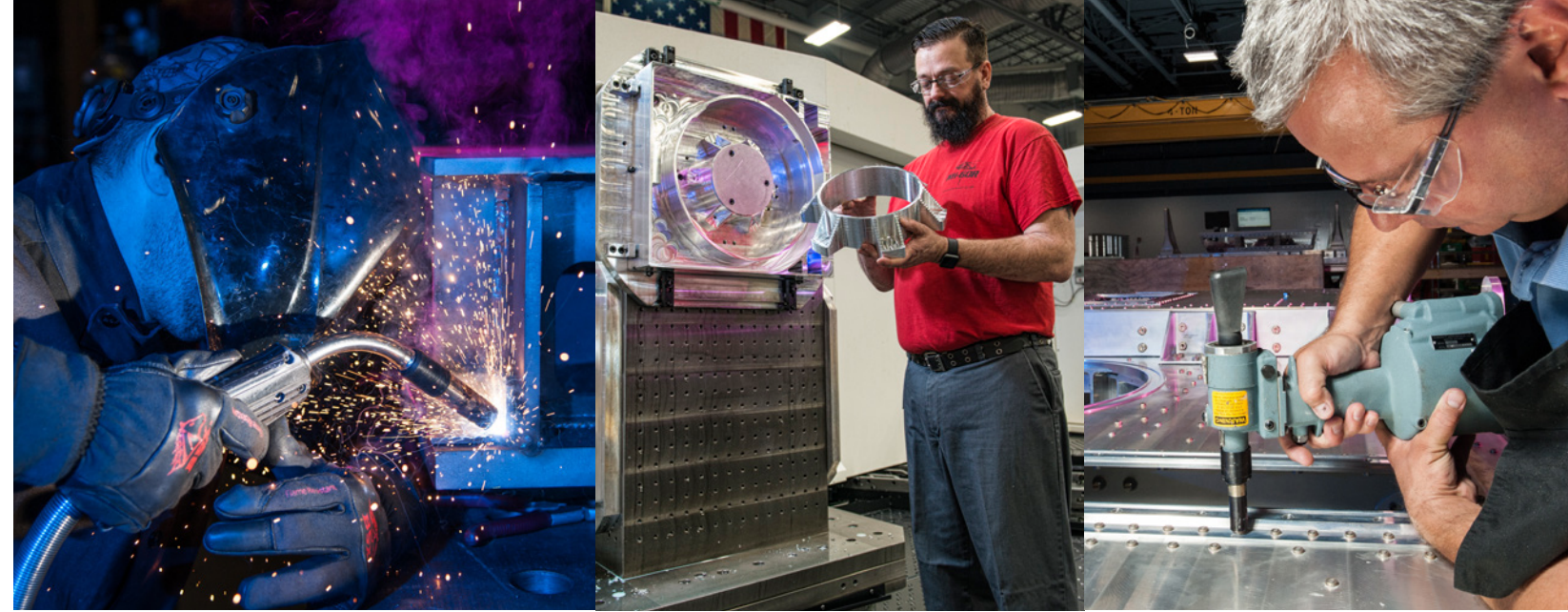
Machining

- 120,000 sq. ft. metal craft production factory
- 3 shift production operations
- 30 high-Speed CNC Mills including
 - 11 Horizontal 3-Axis Mills
 - 11 Vertical 3-Axis Mills

- 2 Variaxis True 5-Axis Mills
- 6 CNC Lathes
- Aluminum alloys, Carbon steels, CRES, Titanium, Inconel
- Large and small parts with ability to hold tolerances (+/- .005 in.)
 - Parts up to 16 x 11 x 3 ft.
- Cylindrical and surface grinding

Welding

- 5,000 sq. ft. weld shop including a 4-ton overhead crane
- NAVSEA S9074-AQ-GIB-010/248 and AWS D17.1 certified welders
- GMAW, GTAW and SMAW methods
- Steel, stainless steel, aluminum, Inconel, titanium, and copper nickel, and more



Sheet Metal

- CNC Waterjet (cutting pieces up to 10 x 5 ft.)
- CNC turret punching
- Forming, multiple brakes and wide range of tooling
- Shearing, notching and rolling

Assembly

- 7,000 sq. ft. assembly area
- 3 flexible build stations allow for quick change-over between varying product types
- Extensive rivet and mechanical fastening expertise
- Support of mechanical assemblies, racks and pallets

SURFACE FINISH CAPABILITIES

In-house Chemical Film Line

- MIL-DTL-5541, Types I & II, Class 1A & 3
- Tested and certified monthly

Passivation Line

- ASTM A967, 300 Series stainless steels

4 Paint Booths

- Powder/liquid paint
- Parts up to 28 ft. long
- Full stencil/identification

INSPECTION CAPABILITIES

- Calibrated On Machine Verification (OMV) allows inspection of large and small assemblies direction on the CNC mill
- Non-Destructive Testing (NDT), including:
 - Magnetic Particle Inspection (MPI)
 - Dye Penetrant Inspection (DPI)
 - X-Ray Inspection
- 4 programmable CMM machines and 2 manual CMM machines
- 2 calibrated ROMER™ arms

MATERIAL ANALYSIS CAPABILITIES

- In-house Materials Analysis Lab including
 - Tensile and Bend Tests
 - Microstructure Analysis
 - Weld Process Development/ Certification
 - In-house Metrology Calibration Lab



OUR CERTIFIED AND SKILLED OPERATORS, PROGRAMMERS AND ENGINEERS HAVE YEARS OF EXPERIENCE PROVIDING WORLD-CLASS SUPPORT TO OUR CUSTOMERS