



ASTRO Machine Works, Inc.
470 Wenger Drive
PO Box 328
Ephrata, PA 17522
717.738.4281 (phone)
717.738.2630 (fax)
www.astromachineworks.com



CAPABILITY STATEMENT

CAGE CODE: 3G8C7

DUNS: 108049503

JCP CODE: 0040903

FEIN: 232270687

FSC: 3540, 3695

ITAR: M28306

ISO 9001:2008/AS9100C: TUV Certificate 951 15 7098

NAICS: 332710, 332999, 333922, 333999, 336611, 333514, 333515, 339999, 332439, 333993, 336411, 332313, 332812, 332994

Astro Machine Works, Inc., an ISO 9001 and AS9100 certified small business is a full service products and solutions provider of custom automation machinery, components and fabrications to a variety of industries including pharmaceutical, medical, energy production, food processing, defense and government projects. Our company possesses over 30 years of experience in the custom machine building, fabricating and machining business.

CAPABILITIES:

- Custom automation machinery up to 50' length and 75,000 lbs.
- Comprehensive machine repair, rebuilds, including teardowns, technology upgrades and testing.
- Complete fabrication, CNC machining, assembly, finishing and testing
- Structural fabrications, weldments, maintenance parts, replacement parts, tooling and fixture modification
- Turning capabilities to 40" diameter and lengths to 160"
- Milling capabilities to machine surfaces up to 118" x 236"
- Surface and cylindrical grinding
- In house panel wiring and electrical capabilities
- Wire EDM
- Waterjet, laser, plasma, flame and saw cutting available
- ASME Section IX Welding and fabricating
- All metals and alloys, and select non-metallic materials, structural shapes including channel, angle, beam, tubes and plate.
- Non-Destructive Testing (ASNT-TC-1A): In-house - Visual and Liquid Penetrant (Visible Dye and Fluorescent); Sub-contract - Ultrasonic, Magnetic Particle, and Radiography.
- R&D, CAD and engineering services, SolidWorks, reverse engineering
- Secondary processing including paint (nuclear, military, marine, industrial), chrome plating, anodizing, electro polishing, CARC coating, chemical conversion in addition to numerous others
- Engineering and design support

FACILITIES AND EQUIPMENT

- 60,000 sf. + Manufacturing and assembly
- 10,000 sf. Light manufacturing, warehouse and overflow assembly
- Complete inspection facilities
 - LK G80C Coordinate Measuring Machine (48" x 80" x 40") with Renishaw PH20 5-Axis Probe System
 - FARO EDGE 8' Articulating Arm CMM with Laser Scanner, FARO Platinum 8' Articulating Arm CMM, FARO Gage 4' Articulating Arm CMM
- 30' x 60' Paint Bay with 32,000 cubic ft. per minute of heated triple filtered air for high quality industrial finishes
- Welding Stations for GTAW, GMAW, and FCAW.
- CNC and manual milling to 34" x 84" envelope, 5-Axis CNC milling to 118" x 236" envelope
- CNC and manual lathes turning diameters up to 40" and lengths to 160" and including live tooling
- Wire EDM to 22.45" x 14.57" x 13.78" travel
- Raw material saw cutting up to 12" dia. and 20' length
- Overhead cranes with 1-5 ton capacity
- Delivery services include direct customer delivery, express/expedite delivery, LTL, truckload
- MRP software for job tracking

EXPERTISE:

- Engineering support staff experienced in SolidWorks, 3D modeling, WorkNC & MasterCam
- Formally trained full time Machinists & CNC Machinists
- ASME Section IX Certified Welder/Fabricators; certified in GTAW, GMAW, and FCAW for Carbon Steel, Stainless Steel, Aluminum, and Titanium
- Assembly/Project Managers with 30 + years experience in machine building
- Quality Assurance Manager with 25 + years' experience, ASQ Certified Quality Engineer, Certified Calibration Technician, and Certified Quality Auditor
- Complete panel and PLC wiring capabilities
- Continuous employee training on the latest technologies and business best practices

KEY CUSTOMERS:

- Westinghouse Electric LLC
- General Electric
- US Coast Guard
- Armstrong World Industries
- TE Connectivity
- DuPont
- US Navy
- McNeil Consumer Healthcare
- US Army
- Exide Corporation