

ASHORE MANUFACTURING GROUP

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SERVICE OFFERINGS

Ashore Manufacturing acquired Concept-4, has retained all staff, and will continue its legacy of bringing excellence in tool and die and precision machining services, including the following:

- **New tool and die**, including design, machining parts, assembly, and testing
- **Repair of existing dies and tooling**, including refurbishment, modification, and emergency turnaround
- **Precision machining** including CNC milling, wire cut service, and bespoke conventional machining

CURRENT CAPABILITIES

Current Capabilities	
CNC Milling	3-axis vertical machining center with high-speed spindle, automatic tool changer, through-spindle coolant, and chip conveyor for tight-tolerance milling and drilling. 50"×24" table. X/Y/Z travel 42"×24"×24". Max table load 3,000 lbs. Tolerance ±0.0005"
Wire EDM	Two CNC wire EDM systems housed in a dedicated atmospheric room for complex die, mold, and precision part geometry work not achievable through conventional cutting. 4-axis, 33"×22" table. X/Y/Z travel 23.6"×15.7"×12.0". Max workpiece 41.3"×32.3"×12.0". Tolerance ±0.00025"
Metal Stamping	250-ton hydraulic open-frame press with servo controls, large bed, and tooling inventory for blanking, forming, and piercing operations
Surface Grinding	Multiple surface grinders including a modern 3-axis automatic grinder with a 16" x 40" chuck for precision flatness and finish requirements
Conventional Milling	Multiple vertical and horizontal knee mills for prototype, tooling, and short-run work
Turning	Engine lathe with chuck, taper attachment, and tooling for cylindrical part work
Sawing and Cutting	Multiple vertical and horizontal band saws for material preparation
Drilling	Dual-spindle and radial drill presses with full tooling inventory
Finishing	Bench and pedestal grinders, belt and disc sander, and blast cabinet

FACILITY SNAPSHOT

Facility Snapshot	
Location	13940 W Akron-Canfield Rd, Berlin Center, Ohio on 6-acre campus
Facility	9,600 sq. ft. dedicated production floor housed in a steel siding and roofed building
Loading Bay	Drive-in loading bay capable of accommodating full-sized semi-trucks
Atmospheric Room	Fully enclosed climate-controlled atmospheric room dedicated to wire EDM operations
Crane Capacity	Up to 10 tons via overhead bridge cranes; additional jib crane coverage
Material Handling	Multiple forklifts up to 12,000 lb. capacity
Inspection	Surface plates, micrometers, pin gauges, height gauges, and dial calipers
Design Support	In-house workstations with AutoCAD and wide-format printing capability.

GOVERNMENT CONTRACTING

Government Contracting	
NAICS Codes	333514 – Special Die and Tool, Die Set, Jig, and Fixture Manufacturing 332710 – Machine Shops
PSC Codes	3408 – Machining Centers and Way-Type Machines 3456 – Cutting and Forming Tools for Secondary Metalworking Machinery 3465 – Production Jigs, Fixtures, and Templates
SAM Registration	SAM UEI Number: SLPMCD7BBER4 CAGE Code: 12U38

PLANNED CAPABILITIES AND INVESTMENTS (LATE 2026)

Ashore Manufacturing is actively expanding its capabilities through a series of targeted investments aimed at integrating advanced technology with our existing manufacturing foundation.

- **Equipment Upgrades:** Planned enhancements and new machinery
 - **Improve existing CNC mill** with **collaborative robot arm** and **automated part measuring table**
 - **New automatic lathe** with bar feeder
 - **New CNC mill with larger table size** and capability to handle higher production volume
- **Quality Certification:** Pursuit of **AS9100** and **ISO 9001** certification to formalize and validate our quality management system in support of aerospace and defense customers.
- **Security and Compliance:** Active pursuit of **CMMC Level 2 certification, ITAR registration,** and compliance with Defense Federal Acquisition Regulations and NIST SP 800-171 to support defense and government contracting requirements.

CONTACT US

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Tool and die build | Custom machined parts | Automotive and industrial | Defense and government

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