



PROSPER-TECH

CAPABILITY STATEMENT

Prosper-Tech.net

Mission-Critical Machining for Aerospace and Defense OEMs

ABOUT US

Prosper-Tech helps OEMs meet demand for tight-tolerance CNC machining with state-of-the-art equipment, automation, and a proven quality system. AS9100 & ISO 9001 certified, ITAR-registered. Made in Michigan, trusted nationwide.

COMPANY DATA

CAGE CODE: 5CJF8
UEI: GNJYUZ2JHGD9
DUNS #938478166
Women-Owned
Small Business
AS9100 / ISO 9001:2015
Certified
NIST 800-171 Compliant
ITAR Registered
JCP Certified



Michigan Celebrates Small Business
50 Companies to Watch
AWARD RECIPIENT

NAICS CODES

PRIMARY:

332710 Machine Shops
332312, 332313, 332510,
332721, 332722, 332994,
332999, 336412, 336413,
336419, 336992

CORE COMPETENCIES

CNC Machining

- 5-axis CNC Milling
- 6-axis CNC Mill-Turn (sub-spindle, live tooling)

Manufacturing Process Engineering

- Custom fixturing/tooling design and build
- Process control design to maintain quality and efficiency for 20–2000+ production run quantities

Part Finishing

- In-house Method Passivation
- In-house Precision Cleaning and Drying to customer specifications
- Qualified vendor network for chemical film anodizing, painting, and dry film lube

Assembly

- Turnkey Includes: dowel pin, threaded insert, and riveting
- Adhesive bonding services
- Custom part packaging to meet line side requirements

DIFFERENTIATORS

Industry 4.0 Early Adoption

- MES/ERP system for efficient job processing and streamlined process control
- “Lights out machining” via pallet automation systems maximizing capacity while minimizing quality deviation and non-value add hours

Staffing

- Skilled workforce model using automation to minimize operator level positions
- 60% of workforce < 35 years old fulfilled through a thriving U.S. Dept of Labor apprenticeship program
- 35+ people total over two shifts

Capacity

- Redundancy in critical multi-axis machining centers
- Redundancy in quality inspection, parts finishing, and other bottleneck areas

Location

- Made in Michigan. Trusted Nationwide.
- Freight shipments nationwide





Contact Us
prosper-tech.net
P: (586) 727-8800
E: office@prosper-tech.net
69160 Skinner Drive
Richmond, MI 48062

Prosper-Tech.net

Mission-Critical Machining for Aerospace and Defense OEMs

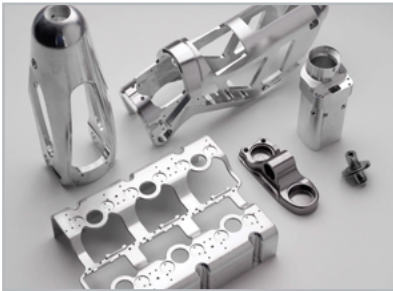
3 AXIS MILLING

Up to 26 x 40 x 12"

Materials: Aluminum, Stainless, Titanium, Copper, Plastics (Ultem, PTFE, etc)

Part examples:

- Chassis
- Enclosures
- Spacers
- Brackets
- Panels
- Radomes



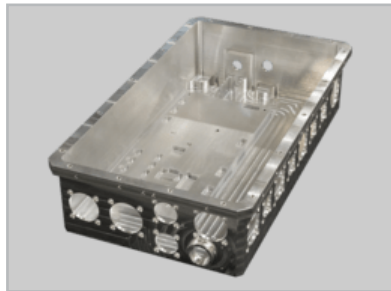
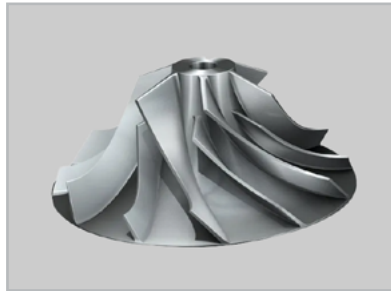
5 AXIS MILLING

Up to 18 x 12 x 6"

Materials: Aluminum, Stainless, Titanium, Copper, Plastics (Ultem, PTFE, etc)

Part examples:

- Chassis
- Enclosures
- Spacers
- Brackets
- Manifolds
- Fittings
- Impellers



PRODUCTION TURNING (MILL-TURN)

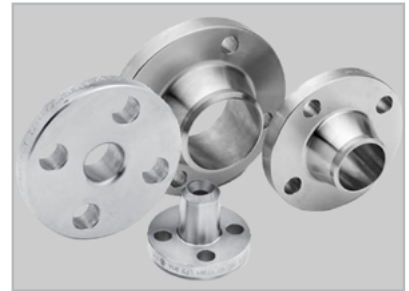
(Production style single and dual turret lathes with sub spindle)

Bar up to 2.5" dia,
Chuck up to 13" dia

Materials: Inconel, Stainless, Titanium, Aluminum

Part examples:

- Fittings
- Bushings
- Flanges
- Spacers



Disclaimer: Sample parts shown are representative and are not customer data

*Best suited for small to medium batch production – ~20 parts to 1000 parts per lot.
Hand loading options up to fully automated lights out production depending on lot size.
Dedicated contract manufacturing capacity for projects/part families \$250k+ eas.*