



PLYMOUTH INDUSTRIES, INC.

Custom Carts, Racks, Automation & Fabrication Solutions



LINE CARD

Quality Products. Innovative Technology. Creative Solutions.



CAPABILITIES

Engineering and Design

- Engineering studies
- Project analysis & problem solving
- Create multiple design options/alternatives
- Cost-effective prototypes
- Confirm solutions with lower risk
- Enhanced solutions for greater acceptance
- Defined solutions for maximum value
- Stress analysis

Cut/Saw

- | | |
|---------------------|--------------------|
| ■ Sheet/Plate Laser | ■ Automatic Sawing |
| ■ Tube Laser | ■ High Volume |
| ■ Water Jet | ■ Bundle Cutting |
| ■ Plasma | ■ Shear Press |

CNC Machining

- | | |
|------------|------------|
| ■ Bending | ■ Milling |
| ■ Curving | ■ Grinding |
| ■ Cutting | ■ Tapping |
| ■ Boring | ■ Turning |
| ■ Drilling | |

Fabrication/Weld

- Certified Welding
- TIG welding (gas tungsten arc)
- MIG welding (gas metal arc)
- Custom fabrication
- Prototyping
- 6 Production weld lines
- 3 Robotic weld cells
- High volume capacity
- Flex work cells to meet on-time delivery

Finishing

- Air-Dry Enamel Paint
- STEEL-IT (heavy-duty coating, allowable in some food grade applications)
- Powder Coatings
- Electroplating (zinc, nickel, chrome)
- Special Anodized Coatings (Hardlube)

Assembly

- | | |
|-----------------------|------------------------------|
| ■ Mechanical Assembly | ■ Programming |
| ■ Hydraulics | ■ Testing/Verification |
| ■ Pneumatics | ■ Customer Site Installation |
| ■ Electrical/Wiring | |

Quality

- | | |
|--------------------------------------|---|
| ■ Coordinate Measuring Machine (CMM) | ■ AWS Certified Welding & Inspection |
| ■ Laser Projector Scanner | ■ Production Part Approval Process (PPAP) |
| ■ Comprehensive Inspection Process | |

PRODUCTS

RACKS

- Automotive Racks
- Coil Racks
- Paper Core and Tube Racks
- Parts Bins
- Picking Cage
- Shipping Racks
- Stack Racks
- Steel Pallets
- Wire Baskets

CARTS

- Adjustable Shelf Carts
- Assembly Carts
- Barrel Drum Dolly - Hand Truck
- In-Process Carts
- Mother/Daughter Carts
- Picking Carts
- Oven Carts
- Paper Core and Tube Buggies
- Swivel Carts
- Tilt Carts
- Tugger Carts (push or pull)
- Utility Carts
- Work In Progress (WIP) Carts

Machine Building

- Assembling
- Bagging
- Capping, Lidding, and Sealing
- Converting
- Filling/Dispensing
- Inspecting
- Labeling
- Material Handling
- Mixing
- Packaging
- Palletizing
- Tooling
- Washing
- Wrapping

Lifting Devices

- Computerized or manual
- Stress analysis
- Load tested, proof tested
- Lifting Certification by in-house professional engineer