

CAPABILITIES OVERVIEW

For over 75 years, Fairchild Auto-Mated Parts has been manufacturing precision-machined parts for North American companies. Fairchild is a trusted supplier for the Aerospace, Defense, Fluid/Air Controls, HVAC Systems, Communications, Electronics, and Medical industries, established as an integral part of the supply chain of many prominent companies.

Fairchild is committed to delivering with premium service:

Quick quote turnaround | Affordable pricing | Engineering/Design assistance | Short lead times | Exceptional quality

Our machines can process bar stock up to 2.00" diameter & parts up to 5.50" diameter and produce runs from 100 to 100,000 pieces utilizing materials such as:

Aluminum, Brass, Bronze, Copper, Magnetic Iron, Nickel, Steel, Stainless Steel, Titanium, Plastics, and more

We specialize in precision machining operations:

- **Threading** (Special, Right/Left Hand, Metric, Plated, Cut, Rolled, and single point turned)
- **Turning** (with knurls, slots, milled flats, and squares)
- **Milling and Profile Milling**
- **Tapping**
- **Slotting**

In addition to our precision machining capabilities, we have a comprehensive network of trusted partners that we utilize to provide services for your parts:

- Plating and Heat Treating
- Bending, Staking, and Flattening
- Grinding
- Brazing
- Testing and Particle Inspection
- Laser Marking

Fairchild is relied upon to produce a wide range of custom parts:

- Pins, Shafts, Rollers, Studs, Posts
- Screws, Nuts, Spacers, Washers
- Collets, Bushings, Handles, Connectors

And many other complicated designs. [Check our website for more examples.](#)

Request a quote today and send your engineering drawings to sales@fairchildparts.com



ISO 9001:2015

Quality Management System Certified by ASR



FAIRCHILD
AUTO-MATED PARTS

10 White Street | Winsted, CT 06098
P (860) 379-2725 | F (860) 379-5340

MACHINING TECHNOLOGIES

Facility

15,000+ sq. ft. facility comprised of manufacturing, engineering office, warehouse, shipping & receiving, parts cleaning, and quality assurance department

Computer Programs

- Proficient in SolidWorks and Mastercam 3D CAD/CAM software
- Fully integrated JobBOSS2 Enterprise Resource Planning and Management tool

CNC/Swiss Machining Capabilities

6 x Citizen CNC Swiss turning centers

3/32" to 1-1/4" bar capacity, C-Axis, live tooling, equipped with automatic magazine bar feeders and high-pressure coolant

Miyano BNX-42SY CNC 5-Axis Turning Center

1-5/8" bar capacity, Y & C-Axis, sub spindle, live tooling, LNS magazine bar feeder and high-pressure coolant

Miyano BNA-42S CNC Lathe

1-5/8" bar capacity, with sub spindle, live tooling, and high-pressure coolant

Nakamura Tome WT-150 8-Axis twin turret CNC turning center

2" bar capacity

2 x Daewoo/Doosan CNC turning centers 12 station turret

2" bar capacity, 6.5" diameter turning capacity, C-Axis, live tooling and LNS magazine bar feeders

5 x OmniTurn CNC Gang Tool Lathes

1-1/16" bar capacity, 4" chuck capacity, C-axis, and live tooling

4 x Fanuc RoboDrill CNC vertical machining centers

Rotary indexing fixtures, Lassy and Kurt vises

Brother M140X1 & M140X2 4+1 Axis vertical machining and turning centers

MOJO 3D printer for prototyping products

Key Quality Instruments

- S-T Industries video inspection system
- Keyence image dimension measuring system
- 2 x Mitutoyo Surftest 211 surface roughness tester
- Deltronic and Dorsey Optical Comparators
- Rockwell hardness tester

Secondary Processes

- 3 x Harig 6" x 12" surface grinder
- Boyar-Schultz surface grinder
- Famco Power Press
- Wilton 10" x 16" horizontal cut-off band saw & Makita circular cut-off saw
- 2 x Sweco vibratory finishing machines with tumbling barrels

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