



STARN

TOOL & MFG CO.

— EST. 1945 —

QUALITY MACHINING & MANUFACTURING SINCE 1945

ITAR Compliant | ISO 9001:2015 | SAM | DDTC Registered | JCP

Targeting AS9100 certification Q1 2025

UPDATED 10/2024



AEROSPACE



MEDICAL



AUTOMOTIVE



MILITARY



ELECTRONICS



OIL & GAS



INDUSTRIAL



ROBOTICS

INDUSTRIES SERVED:

- ★ Aerospace
- ★ Automation Components
- ★ Electrical And Electronic Manufacturing
- ★ Government & Defense
- ★ Industrial Automation
- ★ Manufacturing / Tool & Die
- ★ Metal Forming
- ★ Oil And Gas
- ★ Plastic Extrusion Manufacturing
- ★ Robotics Components

We work with a wide range of metals and plastic materials including aluminum, exotics, alloys, stainless, tool steels and, a variety of plastics for rapid prototypes and low-volume production. In addition to our stock list, we can provide you with customized raw material, as required.



CAPABILITIES / EQUIPMENT LIST

UPDATED 10/2024

MANUAL AND CNC MILLING

- ★ (2) UMC 750 30" x 20" x 20" 5 Axis Mill
- ★ (1) Kitamura HX400 Horizontal Machining Center
2 Pallets 20,000 Rpm Spindle
- ★ (2) Fanuc Robodrill Vertical Machining Centers,
4th Axis, 2 Pallets, 24,000 Rpm Spindle
- ★ (1) Haas VF3 Vertical Machining Center 20" x 40"
With 5 Axis Milling
- ★ (1) Haas VF5 Vertical Machining Center 26" x 60"
With 5 Axis Milling
- ★ (2) Kitamura Vertical Machining Centers 20" x 30"
15,000 rpm Spindle
- ★ (2) TRAK Quik-Cells Mills 14" x 14" with 4th Axis
- ★ (1) TRAK TMC7 3 Axis Vertical Mill 20" x 30"
- ★ (1) TRAK FHM7 3 Axis Vertical Mill 23" x 60"
- ★ (1) TRAK DPM V5 3 Axis Vertical Mill 12" x 48"
- ★ (2) Sharpe 2 Axis Vertical Mills 9" x 42"
- ★ (3) Manual Vertical Mills 9" x 42"

CNC TURNING

- ★ (1) Okuma LU 3000 EX (Turning Center / 10" Dia.
with live Milling with twin turret C axis)
- ★ (1) Okuma LB3000EX live tooling / C & Y Axis
- ★ (1) Okuma LB3000EX-II/500
- ★ (1) Manual Engine Lathe / 10" x 40"
- ★ (1) Okuma Crown

GRINDING

- ★ (2) CNC Surface Grinders with profile capability
- ★ (12) Manual Surface Grinders
- ★ (2) O.D./I.D. B+S Universal Grinders
- ★ (1) O.D. Centerless Grinders
- ★ (1) Moore Jig Grinder (42,000 – 100,000 / 8" X 24" table)
- ★ (1) Thompson Hydraulic Grinder / 8" X 24"
- ★ (1) Harig 618W Autostep Grinder
- ★ (1) Sunnen MBB 12900 MS Hone

EDM

- ★ (2) Mitsubishi MV1200-S Wire EDM
- ★ (2) Charmilles 230 Wire EDM
- ★ (1) Charmilles Manual D-10 w/Orbital Head
- ★ (1) Charmilles Roboform 20 CNC
- ★ (1) ProPen Dot Peen Marking System
- ★ (1) Okamoto Aero Lap YT-100 Polish Machine
- ★ (2) Ultra Sonic Polishing Units

MATERIAL PREP

- ★ (1) Automatic Feed Marvel Saw
- ★ (1) Model 8 Marvel Saw
- ★ (1) Thomson Automatic Flat Grinder 8 X 24
- ★ (1) CPO-250 Cutoff Saw
- ★ (1) Model 30 Tumbler

QUALITY

- ★ ASQC Certified
- ★ Registered to ISO 9001:2015
- ★ ZEISS CMM with Calypso software
- ★ Brown and Sharp Reflex CMM
- ★ (8) Optical Comparators up to 30"
- ★ (3) Toolmakers Microscope
- ★ (2) Wilson Hardness Tester
- ★ (12) Fowler Hi-Cal Electronic Height Gages
- ★ (47) Lab Grade Granite Surface Plates
- ★ (32) Certified Ceramic Gage Block Sets

CAD CAM/ SOFTWARE

- ★ Solid Works
- ★ Mastercam
- ★ Tech Soft
- ★ Starn Job Shop Manager Plus



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