



CAPABILITIES SNAPSHOT & FACILITIES LIST

CNC Machining 5-Axis Capability: up to 30" cubed

CNC Machining 4-Axis Capability: up to 34" x 64"

Joining: Welding & Brazing

Assembly / Clean Room Assembly & Packaging

Engineering Support

Complex Problem Solving

Stockkeeping & Inventory Management Service

Materials: Ferrous, Non-Ferrous, Exotic Metals, Plastics, Composites

Production Volumes: Prototype through Medium-to-Large Scale Production

CNC Turning: up to 24" diameter and 70" length

CNC Grinding (OD, ID, Flat Surfaces) **& Honing** (Horizontal, Vertical)

CNC Wire EDM

ISO 9001:2015 Quality Assurance

CAD, CAM, CMM

Prompt Quotes

On-Time Delivery

Types of Production: Prototype, Custom, Reserved Capacity, Lights Out

Customer Strategies: Engineer to Order, Make to Order, Make to Assemble

MILLING

(4) DMG MORI DMU50 ... *one w/ 10 pallet system*

(1) DMG MORI DMU75

5-Axis (1) DMG MORI DMC75 ... *w/ 3 pallet system*

(1) ROBODRILL (alpha) - D21LiB5ADV

(1) ROBODRILL (alpha) - D21LiB5ADV Plus

(1) SUPERMAX NSV 156 A

(1) SUPERMAX NSV 102 A

(1) SUPERMAX NXV 1680A

(1) SUPERMAX MV 76A

(2) SUPERMAX NXV 1020A

4-Axis (1) SUPERMAX XV 1250A

(1) SUPERMAX XV 1020A

& (2) MAZAK HCN-5000 Horizontal Center ... *w/ 24 pallet system*

(1) MAZAK HCN-4000 Horizontal Center ... *w/ 6 pallet system*

(1) FANUC ROBODRILL (alpha) - T24iEL

3-Axis (1) FANUC ROBODRILL (alpha) - D21MiA5

(2) FANUC ROBODRILL (alpha) - Ti4iD

(1) YCM NSV120A w/ 4th axis

(3) TRAK DPM BED MILL

(1) ACU-RITE MILL

(2) BRIDGEPORT rapid feed w/ digital readout

TURNING

(2) NAKAMURA-TOME SC250 ... *w/ LNS Bar Feeder*

(2) NAKAMURA-TOME TMCD-15

(1) NAKAMURA-TOME TMC 15 ... *w/ Spago Turnamic 126 Bar Feed*

(1) YCM TC 36W

(1) DMG MORI EcoTurn 450

(1) SHARP 1880-80" with Newall Readout

(2) TRAK 2460 24" Lathe

(1) WEBB 17" with Digital Readout

(2) BRIDGEPORT EZ Path

MILL/TURN CENTERS

(1) NAKAMURA WT300 ... *w/ LNS Bar Feeder*

(1) NAKAMURA WT150 ... *w/ LNS Bar Feeder*

(2) DMG MORI NLX 2500

(1) DMG MORI NLX 2500 / 1250 with Steady Rest

(1) DMG MORI NLX 2000

(1) YCM Supermax GT300M

GRINDING & HONING

Okamoto Surface Grinder 16-32 DX

Harig Super 618 Surface Grinder

Norton OD Grinder

Sunnen Automatic Vertical Honing

Sunnen Automatic Horizontal Honing

WELDING & BRAZING

MIG Welding

TIG (Heliarc) Welding

Sanitary Welding to USDA Specifications

Purge Welding

Low Temp Welding

Fuse Welding

Torch Brazing

Soldering

WIRE EDM

Sodick VL400Q wire EDM

Sodick VL600QH wire EDM 19.6" height

MARKING & ENGRAVING

Trumpf TruMark Station 5000 4-Axis Laser

LectroEtch Marking

ADDITIONAL EQUIPMENT

Titan Series CNC Router - 4' x 8' capacity

Band Saws

Plastics Saw

Empire Media Blasting Cabinet

Belt Sanders

Tumblers

Drill Presses

40 Ton Press

Large leak testing tank to confirm weldment integrity

QUALITY ASSURANCE

FAI / AQL Documentation, Reporting & Data Retention

Quality Conformance Certificates

Carl Zeiss Spectrum CMM with RDS (2)

Brown & Sharpe Microval CMM

Hitachi X-MET8000 Optimum Handheld XRF Analyzer

Keyence IM8030 CMM Vision System

Mitutoyo Comparitor with Quadcheck

TESA Micro-Hite 16-24"

Mitutoyo Toolmakers Microscope

Height Gauges

Micrometer and Vernier Caliper - Full Sets

Gauge Block - Full Sets

Pins - Full Sets

Dial Bore Gauges to 16"

Sunnen Bore Gauges - Full Sets

Thread Gauges - Full Set

Plug Gauges - Full Set

Ring Gauges - Full Set

Mitutoyo Surface Roughness Gauge

Granite Surface Plates from 18" square to 3' x 5'

"More than Parts: Partnership."

Evans Machine Co., Inc. • Brockton, MA 02302 • O: 508 584 8085 • E: EMInfo@emievans.com