



OVERVIEW for BUYERS

CUSTOMER PRODUCTION FIT with EMI

PRODUCTION VOLUME

Low

GOOD

Low-Medium

GREAT!

Medium-High

GREAT!

Ultra High

Not Good

MANUFACTURING PROCESSES



CNC MILLING ($\pm 0.0001"$, ± 0.00254 mm)

5-Axis: 24.5"L x 28.5"W x 20"H
4-Axis: 34"L x 10" diameter
3-Axis: 62"L x 24.5" diameter; 62"X x 30"Y x 27"Z

CNC GRINDING & HONING

SURFACE: 32"L x 16" W @ $\pm 0.0002"$ (± 0.00508 mm)
ID: 22"L x 5" ID @ $\pm 0.0002"$ (± 0.00508 mm)
OD: 30"L x 6" OD @ $\pm 0.0003"$ (± 0.00762 mm)

CNC SWISS & LATHE ($\pm 0.0001"$, ± 0.00254 mm)

... to 24" diameter and 70"L (Swiss turning to 1.49606", 38mm)

CNC WIRE EDM

... to 19.6"H

JOINING – Welding & Brazing

TYPES: MIG, TIG, Purge, Sanitary, Low Temp, Fuse, Torch

SHEET METAL

SIZE: 10' bed length; wide variety of materials & thicknesses

MATERIALS & SURFACE TREATMENTS

METALS

- Ferrous, Non-Ferrous, Exotic

PLASTICS & COMPOSITES

- More than 20 types

MARKING & ENGRAVING

- Laser Marking & Engraving, Electrochemical Etching, Silk Screening, Pad Printing, Machine Engraving

SURFACE FINISHING – CHEMICAL

- Anodizing, Electro- & Electroless Plating, Passivation, Painting, Powder Coating, Electropolishing, Conversion Coatings, etc.

SURFACE FINISHING – MECHANICAL

- Deburring, Media Blasting, Polishing, Tumbling

HEAT TREATMENT

- Annealing, Tempering, Hardening, Stress Relief



QUALITY ASSURANCE & CERTIFICATIONS



CERTS & REPORTING FAI, AQL, CTQ Certs As Required
LAB INSPECTIONS Non Destructive & Destructive Testing
SAMPLING PLANS Customized Plans Available
INSPECTION DATA Ideagen Quality Control Data Warehouse
INSPECTION TOLERANCES $\pm 0.0001"$ (± 0.00254 mm)

VALUE-ADDED SERVICES

ASSEMBLY SERVICES Mechanical Assembly
ENGINEERING SUPPORT DFM & DFA Analysis
CLEAN ROOMS Sanitary Assembly in Class 8 Rooms
STOCKKEEPING For Blanket Purchase Orders
VENDOR TRANSITION SUPPORT Smooths the Path

ISO 9001:2015

NAICS: 332710, 33721

CAGE CODE #6Y843

ITAR Registered

CMMC Level 2 in Process

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SUBMIT RFQ

EQUIPMENT LIST

