OVERVIEW for BUYERS

CUSTOMER PRODUCTION FIT with EMI

PRODUCTION VOLUME	Low	Low-Medium	Medium-High	Ultra High
	GOOD	GREAT!	GREAT!	Not Good

MANUFACTURING PROCESSES

CNC MILLING (±.0001", ±.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	@ ±.0002"	(±.00508 mm)
ID:	22"L x 5" ID	@ ±.0002"	(±.00508 mm)
OD:	30"L x 6" OD	@ ±.0003"	(±.00762 mm)

CNC SWISS & LATHE (±.0001", ±.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	±.0001" (±.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