



# Rugged Electronic Cabinets, Racks, Enclosures & Consoles



**SHOCK QUALIFIED  
VIBRATION PROTECTED  
EMI / RFI SECURE**



**ONE-TOUCH MECHANICAL  
DESIGN & INTEGRATION**

COTS and Modified-COTS Solutions

Build-to-Print Solutions

Rack-Mounting Accessories

## RELIABLE & SURVIVABLE

Our GKI design of COTS & Modified COTS cabinets, racks & enclosures are designed for installation on Navy vessels, aircraft and fixed or mobile applications, and meet the most demanding environmental conditions to ensure equipment survivability, such as:

- MIL-S-901E Shock Qualified Enclosures
- MIL-STD-167 Vibration Qualified Enclosures
- MIL-STD-461 EMI / RFI / Tempest Secure Systems
- MIL-STD-1310 Grounding



## VERSATILE

Designed for flexibility, our COTS & Modified COTS solutions can interface with any electronic payload, chassis or module. They are easily disassembled when required for passage through doorways or hatches (weld-free, hatchable).



**ISO 9001 CERTIFIED**



## MODULAR & PRE-QUALIFIED

Our modular frame construction supports any height, width & depth envelope while always maintaining maximum rugged performance. Multi-Bay options are readily available. Decades of historical test data convince 99% of customers to extend shock & vibration qualification to new or modified designs by similarity without the need for additional testing.

## RAPID DESIGN & PROTOTYPING

Our modular design allows for extremely fast, low-cost prototyping of Modified COTS solutions. The base COTS design can easily include single-bay or multi-bay solutions, doors, external or internal isolation, EMI/RFI protection, air or water cooling provisions (fans, cooling trays, ducting, chill plates), numerous EIA mounting rail options, razorbacks and I/O panels.

## ISO 9001 CERTIFIED





Power Distribution Units (PDUs)

Cable Retractors

Fans & Cooling Trays

EMI/RFI Gasket & Honeycomb Air Filters

Fixed & Sliding Shelves; Equipment Drawers

Sliding Keyboard Trays & Writing Desks

Bus Bars & UL-rated Power Strips

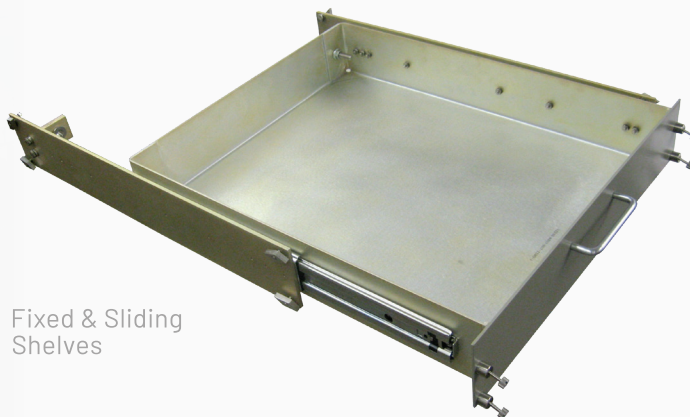
Water Cooling Connections & Chill Plates



Power Distribution Units (PDUs)



Cable Retractors



Fixed & Sliding Shelves



Fans & Cooling Trays



# BUILD-TO-PRINT & MANUFACTURING CAPABILITIES

## FOCUSING ON SERVICE & PARTNERING FOR SUCCESS

Quality, Delivery and total Risk Management that you can count on. Electromet delivers a superior customer experience and the intangible value that makes our customers lifetime partners. From Technical Support and Engineering, Quality, Production, Invoicing or Sales, our staff is easy to work with, accessible, responsive and flexible. We'll **partner** with you for an optimal experience.



## VERTICALLY INTEGRATED CONTRACT MANUFACTURING

Our mission is to reduce the risks that your project incurs. With an experienced engineering team, 99% of your projects can be completed in-house. We control the Quality, Delivery & Cost using:

- Precision Machining & Turning
- Sheet Metal Fabrication
- AWS & MIL-Spec Welding
- Chemical Processing / Passivation
- MIL-spec Painting & Finishing
- Complex Assembly & Kitting



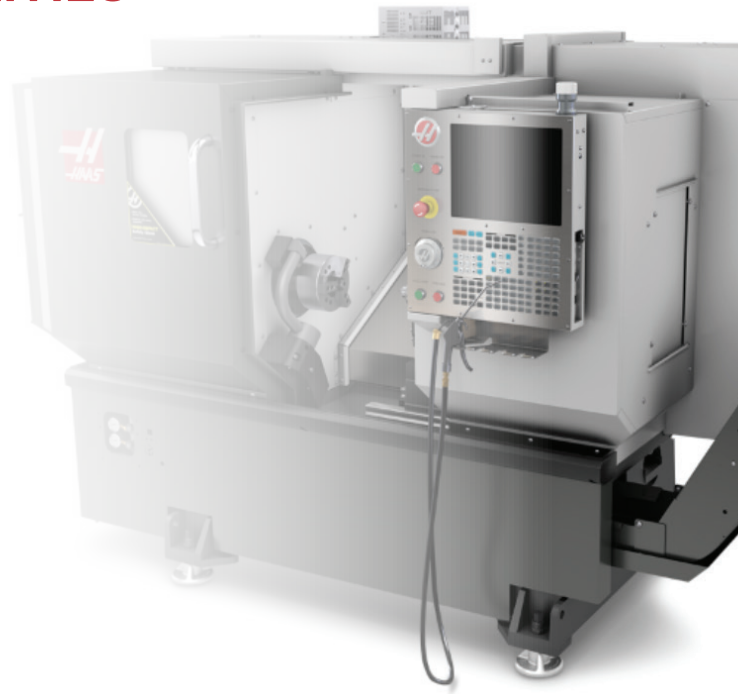
## ELECTROMET CAPABILITIES

### Machining:

CNC Machining Centers (20+)  
CNC Turning Centers (2)  
Multiple drills, lathes, saws  
FeatureCAM 3D Programming

### Fabrication:

Laser Cutting  
Waterjet  
Turret Punch  
Press Brakes (4)  
Deburring  
Sandblasting



### Welding:

TIG & MIG  
MIL-STD-2219 Class A, B, C  
AWS D17.1  
AWS D1.2  
AWS D9.1  
Numerous other specifications

### Chemical Processing:

Chromate Conversion Coating per MIL-DTL-5541,  
including type II ("hex-free", RoHS compliant)  
Stainless Passivation per ASTM A967 and AMS 2700  
Outsource for other plating services

### Finishing & Assembly:

Low VOC MIL-DTL and MIL-PRF  
Powder Coating  
Metal Spraying  
Silk Screening / Stenciling  
Engraving / Steel Stamping

**BUILD-TO-PRINT &  
MANUFACTURING CAPABILITIES**







## MAJOR OEM CUSTOMERS

- Lockheed Martin
- General Dynamics
- BAE
- Northrop Grumman
- Raytheon
- L3Harris
- Progeny
- DRS
- SAIC
- SRC
- Collins Aerospace / Hamilton Sundstrand / UTC
- NAVSEA / NSWC
- NAVAIR / NAWCAD
- SPAWAR

## OUR COMMITMENT TO YOU

*We Listen & Understand*

*We Collaborate & Solve*

*We Deliver Performance & Best Value*

*We Bundle Complex Jobs, Accessories & Components To Reduce Cost*

*We Manage Risks for Win-Win Partnerships*

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MADE IN USA