

YOUR PARTNER FOR CONTRACT FABRICATION & DESIGN FOR MANUFACTURING

Hardcraft offers comprehensive, ISO9001-registered contract fabrication services. Whether you need a large battery rack fabricated, an in-house part design produced in volume, or expert Design For Manufacturing assistance in translating a legacy design into lower-cost production, Hardcraft provides expert solutions.



CERTIFIED CONTRACT FABRICATION SERVICES

For decades, **Hardcraft** has been a reliable partner to major utility, medical, and defense/aerospace OEMs with critical part quality requirements.

Hardcraft offers a wide range of ISO9001-certified contract fabrication services, including all major sheet & tube fabrication and finishing processes: precision sheet metal fabrication, machining, precision MIG and TIG welding, wet paint and powdercoating, and assembly. Trust Hardcraft to understand your traceability, process, and certification requirements. We'll meet your most demanding quality needs as well.

STATE OF THE ART PRODUCTION FACILITY

Hardcraft has invested heavily in plant modernization, and features state of the art equipment throughout our production facility. With fiber laser cutting capability in materials up to 1" thick, state of the art bending stations, the latest in high-speed CNC vertical mills and lathes, and top-of-the-line welding expertise, we turn your designs into top-quality finished products – faster. Our lead times on repeat orders are typically half the industry standard.

DESIGN FOR MANUFACTURING SERVICES

Need legacy products updated to modern standards or reverse-engineered, from single parts through complex assemblies? Hardcraft's expert engineers can update your existing design or create clean-sheet designs based on your requirements. We routinely work from napkin sketches and photos to develop fully engineered, cost-competitive solutions.





EXTENSIVE FABRICATION CAPABILITIES

Hardcraft produces high-precision parts ranging from small milled components through to welded frames weighing well over a ton. We specialize in:

- ◆ Precision sheet metal products such as NEMA enclosures, battery cabinets, relay racks, and transformer housings & covers
- ◆ Large precision weldments such as battery racks, heavy equipment frames, and high-strength and structural parts
- ◆ CNC milled & turned products such as high-capacity buss bars, electrical set screws, and tight-tolerance structural brackets

Turn to Hardcraft for responsive customer support and the finest quality product – delivered faster than you thought possible.

PROGRAM MANAGEMENT SERVICES

We also offer complete Program Management services for customers that wish to outsource all aspects of their fabrication requirements. We can work with your subcontractors to provide outstanding customer service. If you prefer, we will select subcontractors, as required, from our trusted list of approved vendors.

Let us show you the value we can create by partnering with your procurement team to provide turnkey manufacturing services.



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DESIGN FOR MANUFACTURING

Modernize legacy designs

Reduce part complexity and cost

Increase reliability and part performance

STATE OF THE ART EQUIPMENT

New, state of the art Bystronic fiber laser cutting system with automation

New, state of the art Bystronic press brakes and Haeger hardware insertion

Top quality milling, turning, welding, and quality assurance equipment

PRECISION SHEET METAL

6 kW fiber laser, up to 5' x 10' x 1.00" sheet

Punch cutting, up to 5' x 10' x .187" sheet

High-speed bending, up to 10' / 165 tons

Laser part inspection

MACHINING

CNC turning with Y-axis, subspindle, barfeeder

CNC milling stations up to 80"x30" X/Y travel

Calibrated Mitutoyo CMM

WELDING

Certified welders, large scale capability

Aluminum, mild and stainless steels

Faro Arm inspection for large frames

FINISHING & ASSEMBLY

Expert abrasive blasting and grinding

Premium wet paint and powdercoat

Assembly of complex parts and enclosures

REGISTRATIONS & CERTIFICATIONS

ISO9001:2015 Certified

CAGE Code: 540Y9

ITAR Registered: M37032