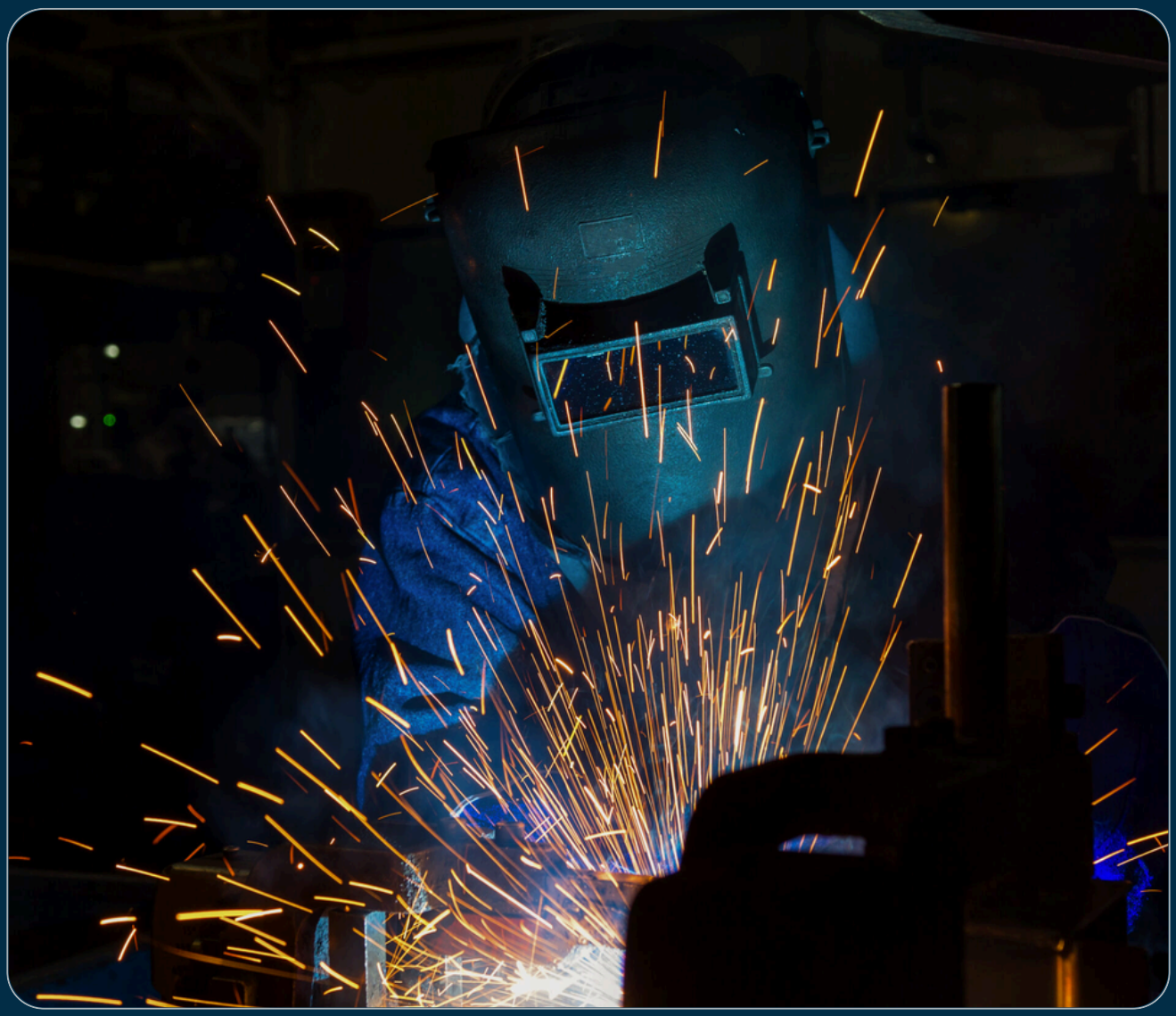
METFAB Engineering

Industrial
Metal Fabrication
& Machining



Precision Manufacturing · Made in USA

Industrial Metal Fabrication & Machining

Precision metal fabrication and machining solutions for demanding industrial applications.

Since 1971 | metfabeng.com

Who We Are

Precision Manufacturing Built on Experience

For more than five decades, METFAB Engineering has been at the forefront of metal fabrication and machining in the New England area. Our commitment to quality has fostered long-term relationships with customers who trust us for their fabrication and machining work.

We specialize in a wide range of projects – from light sheet-metal fabrication to heavy weldments, machine bases, and large structures. Our experienced team brings extensive hands-on knowledge to every project, with a commitment to excellence that ensures our products meet the highest standards and exceed our customers' expectations.



50+
Years of Experience

USA
Made in the USA

50,000
Sq. Ft. Facility

ISO
9001:2000 Certified

Why Choose Us?

Built for demanding industrial work

- **Five Decades of Expertise**
  Proven industrial fabrication and machining experience since 1971.
- **Total In-House Capability**
  Engineering, cutting, welding, machining, finishing, and assembly under one roof.
- **Precision Manufacturing**
  Fabrication and machining built to exact project specifications.
- **Trusted Industrial Partner**
  Reliable support for demanding and mission-critical projects.

METFAB Engineering

Full-Service Fabrication

The name means modern, full-service metal fabrication

The METFAB Engineering reputation for excellence is global. We meet the metal fabrication and machining needs of companies around the world in semiconductor, energy, defense, security, medical, pharmaceutical, and chemical industries. Companies turn to us for the problem-solving resourcefulness, design expertise, and production capacity that ensure the success of their products.

We support your objectives with turnkey capabilities spanning product planning, design, fabrication, machining, finishing, and assembly. You also benefit from our direct, hands-on approach to service.

We assign a highly capable project manager who works directly with your engineers and serves as an extension of your engineering department. This, plus our total in-house fabrication expertise, works to eliminate errors and delays – saving you time and money.

At METFAB, the smooth, integrated flow of know-how and processes leads to on-time, on-budget delivery of your critical metal products. Since our founding in 1971, METFAB has been a primary source for metal fabrication solutions – and a company that inspires long-term relationships.

How can we help you?







Precision Fabrication & Manufacturing

Solutions Built for Industrial Performance

Advanced fabrication, machining, cutting, and assembly services built for demanding industrial applications.

01

Engineering & Design

In-house engineering works closely with customers to optimize designs and manufacturability.

02

Laser & Waterjet Cutting

High-precision laser and waterjet cutting capable of intricate parts and clean cuts across many materials.

03

Forming & Pre-Fabrication

Bending, punching, shearing, drilling, and material preparation to streamline production.

04

CNC Machining

From complex components to large-scale parts, accurate and repeatable results with tight tolerances.

05

Welding & Fabrication

AWS-qualified welding and custom metal fabrication for structural, industrial, and specialty applications.

06

Finishing

Painting, blasting, polishing, graining, and other finishing solutions tailored to your requirements.

07

Assembly

Complete assembly, component sourcing, and finished-product delivery to simplify your supply chain.

08

Quality Control

Advanced inspection equipment and rigorous standards ensure every part meets specification.

METFAB Engineering

Who We Are

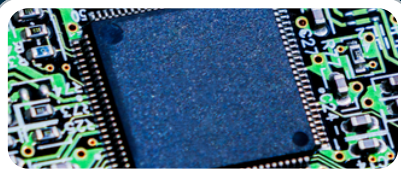
Precision Manufacturing Built on Experience

From highly regulated industries to mission-critical infrastructure projects, METFAB delivers fabrication and machining built to perform.



Energy

Durable, high-performance fabricated components supporting power generation and energy infrastructure.



Semiconductor

Precision machined and fabricated solutions for advanced technology environments.



Defense & Nuclear

Mission-critical fabrication and machining for defense and regulated applications.



Pharmaceutical

Precision components and assemblies meeting strict pharmaceutical manufacturing standards.



Medical

Accurate, dependable fabrication and machining for medical device manufacturers.



Chemical

Tanks, frames, and processing structures engineered for demanding chemical environments.



Security

Enclosures and inspection systems built for security and screening applications.



National Laboratories

Custom components for specialized research and advanced testing environments.



Government & Municipalities

Reliable fabrication support for federal, state, and local government agencies.

METFAB Engineering

EQUIPMENT LIST

LAYOUT / ENGINEERING

Dell Precision workstations running the latest versions of AutoCAD and Autodesk Inventor Professional

Ricoh Digital Document scanning & retrieval system

WELDING

Gas Metal Arc Welding (GMAW)

Pulsed Gas Metal Arc Welding

Flux Cored Arc Welding (FCAW)

Gas Tungsten Arc Welding (GTAW)

Pulsed Gas Tungsten Arc Welding

Laser Welding – LightWeld XR2000

AWS QUALIFIED WELD PROCEDURES & ON-SITE CWI

AWS D1.1 Structural Steel Code

AWS D1.2 Structural Aluminum Code

AASHTO/AWS D1.5 Bridge Code

AWS D1.6 Structural Stainless Steel Code

AWS D9.1 Sheet Metal Code

AWS D17.1 Aerospace Code

AWS B2.1 Procedure & Performance Qualification

QUALITY CONTROL

Our Keyence & Hexagon portable arm and handheld CMMs (Coordinate Measuring Machines) are exceptional tools for precision and accuracy in measurements.

MACHINING

CNC VERTICAL MACHINING CENTERS

Mazak VTC-250 D/50 – 3 axis, 69" x 25" x 26" height

TRAK TMCT4 – 3 axis, 60" x 27" x 25" height

CNC BORING MILLS

TOS WHQ 13 – 4 axis, 71" x 86" rotating table, 138" x 98" height max travel, 26,000 lb capacity

TOS WH 105 – 4 axis, 49" x 55" rotating table, 70" x 50" height max travel, 11,000 lb capacity

LATHES

TRAK TRL 1630RX – 16" swing, 30" between centers, 150–2500 RPM

Clausing Colchester – 15" x 50" between centers

MILLING

(2) CNC Bridgeport Milling Machines

(1) Bridgeport Milling Machine with digital readout

(1) CNC TRAK FHM7 Milling Machine – 60" x 23" x 20.5"

CNC ROUTER

ShopSabre IS510 – 5" x 10" cut capacity

The IS Series by ShopSabre is perfect for all high production or heavy cutting applications.

WATERJET / LASER CUTTING

JetEdge Mid Rail Gantry Waterjet – 8" x 13" cut capacity. Capable of cutting complex parts from virtually any material.

Amada ENSIS 4020 – 4k watt, 80" x 160" fiber laser. Capable of cutting up to 1" steel plate.

PRE-FABRICATION

SHEAR

Amada – 1/2" thick x 10" long capacity

PUNCH

W.A. Whitney – 1/2" plate, 2-1/16" dia max, 1/4" plate, 5" dia max

Amada Coma combination CNC turret punch/plasma – up to 1/2" thick, 60" x 144"

PRESS BRAKES

Chicago – 16" x 300 ton

Amada HRB1003 – 10" x 110 ton CNC precision

Amada HRB2204 – 14" x 243 ton CNC precision

FINISHING

(2) State-of-the-art paint finishing booths

Heated drying

In-house grit blasting

Costa Timewave metal finisher

Powdercoat, plating & silk screening services available

Graining & polishing services available

METFAB Engineering

Precision metal fabrication and machining solutions for demanding industrial applications.

Contact Us

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metfabeng.com

MADE IN USA

NQA-1 COMPLIANT

AWS-CWI CERTIFIED

ISO 9001:2015

Built on Quality. Backed by MBRAUN.

As part of MBRAUN, METFAB Engineering operates under MBRAUN's certified ISO 9001:2015 Quality Management System and established ASME NQA-1 Quality Assurance Program.