# **FABRICATING AND MACHINING SERVICES**











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**G.W. Becker, Inc.** provides manufactured products and services with our own in-house precision machine shop and engineering department to offer design, fabricating, machining and assembly. We supply complete design services from our staff of engineers or manufacturing per your supplied drawings and specifications. We offer all levels of production; from prototype, one-off's, and reverse engineered parts to high quantity pieces with our customer's needs first and foremost.









- Aeronautical
- Aluminum
- Automotive
- · Bearing
- Chemical
- · Concrete
- Construction
- Defense
- Fabrication
- Food
- Forging
- Foundries
- Glass
- Heavy Machinery
- Machining

- Mining
- · Oil & Gas
- Paper
- Plastic
- Pipe
- · Rail
- Specialty Metals
- Steel Primary Producers
- · Steel Secondary Processors
- Tool & Die
- Trucking
- Tube
- Utilities
- · Warehousing
- · Water Treatment



# FABRICATING AND MACHINING CAPABILITIES



# MANUFACTURING

24,000 SF Facility – 10 Ton Lifting Capacity Advanced Material Preparation Certified Welders per AWS D1.1 Machine Shop with CNC Capability Mastercam CNC Software

#### ENGINEERING

Mechanical, Structural, and Electrical Expertise Professional Engineers on Staff Machine Design - Including Gear Design Reverse Engineering Capabilities Structural Design and Evaluation Software Systems Utilized: Autodesk AutoCAD Autodesk Inventor Simulation Suite STAAD Pro Structural Analysis

# QUALITY ASSURANCE

Welders Certified per AWS D1.1 Non-Destructive Testing (NDT) Metallurgy Evaluation Hardness Testing Laser Alignment Systems Materials and Processes Certification Formal Non-conforming Materials ID & Disposition System





#### EQUIPMENT LATHES

HAAS SL 30 CNC 29in. x 30in. CNC Trak TRL 2460 SX

CNC Trak TRL 1840 CSS

CNC Trak TRL 1740 TUDA Jumbo 49in. x 236in. Lodge & Shipley 25in. X 120in. Lodge & Shipley 20in. X 144in. Monarch 16in. x 54in.

## MILLS

TOS CNC Horizontal Boring Mill Travels; X-137in., Y-98in., Z-49in., W-31.5in. CNC Trak DPM5 CNC Trak Quick Cell QCM-1 Kearney & Trecker Model 310 Alliant RT2

DRILL PRESS Carlton Radial Drill 5ft. arm on 15" Column Cleereman

## SAWS

HEM DoAll 1812-H Marvel Series 8 Mark III

KEYSEATER Morrison

Climax - Portable Keyway Cutter

SURFACE GRINDER Chevalier FSG-618M

**PRESSES** Dake 32-100: 300 Ton with 36ft. Length 100 Ton "H" Frame with 44in. Length

PLATE ROLLS Lown B603: 12ga. Capacity at 50in. Wide