



FABRICATION & MACHINING SOLUTIONS

IN-HOUSE FABRICATION AND MACHINING SERVICES

YOUR SINGLE SOURCE FOR ENGINEERED, FABRICATED, AND PRECISION-MACHINED PARTS WITH FASTER TURNAROUND.

G.W. Becker, Inc. provides engineered, fabricated, and precision-machined components for overhead cranes and industrial equipment. Our expanded machining capacity allows us to deliver high-quality parts with faster lead times, accurate fit, and complete control over every step of the process.

FABRICATION AND CERTIFIED WELDING CAPABILITIES

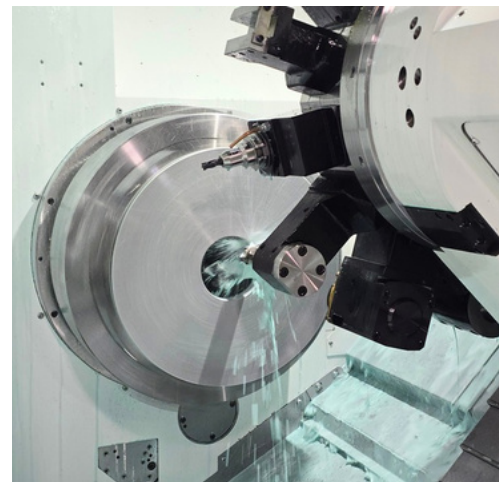
- 72,000 square foot manufacturing facility with 50 ton lifting capacity
- Certified welding per AWS D1.1 and D14.1
- CNC burning, beam drilling, and submerged arc welding
- Structural and material preparation for plate and fabricated assemblies
- Support for plates, bases, end truck frames, and custom structures

ENGINEERING SUPPORT AND QUALITY ASSURANCE

- Mechanical and structural design support
- Reverse engineering for worn or obsolete parts
- CAD modeling and evaluation of load-bearing components
- Hardness testing, metallurgy evaluation, and laser alignment
- Material identification, documentation, and structured quality processes

FABRICATION AND MACHINING FOR NON-CRANE PROJECTS

- Expanded machining scope for general industrial and custom components
- Capacity to machine long shafts, large drums, housings, and repair parts
- Support for one-off replacements and legacy components
- Consistent precision, quality, and turnaround across all project types





FABRICATION & MACHINING SOLUTIONS

FABRICATION AND MACHINING EQUIPMENT CAPACITY

LATHES

- Mazak Mega Turn 900M – Max diameter 28 in – Max length 32 in
- Mazak Slant Turn 600M – Max diameter 28 in – Max length 160 in
- Mazak Quick Turn 350MSY – Max diameter 17 in – Max length 24 in
- CNC Trak TRL 2460SX – Max diameter 24 in – Max length 60 in
- Tuda Jumbo Lathe – Max diameter 49 in – Max length 236 in
- Yam Lathe – Max diameter 14 in – Max length 36 in

MILLING & BORING

- Mazak VC-Ez20 – Work envelope 41 X, 20 Y, 25 Z
- TRAK DPM5 – Work envelope 40 X, 20 Y, 24 Z
- Fermat WFT 13 HBM – Work envelope 157 X, 98 Y, 59 Z, 31 W

DRILLS & PRESSES

- Carlton Radial Drill – 60 in radial reach, 15 in column
- Drake 32-100 Press – 36 ft bed length
- 100 Ton H-Frame Press – 44 in work length

SAWING, GRINDING & FINISHING

- Cosen V2026NC Saw – 20 in diameter, 26 in width
- Marvel Series 8 Mark II Saw – 18 in diameter, 20 in width
- DoAll 1812-H Saw – 18 in diameter, 12 in height
- Chevalier FSG-618M Surface Grinder – 6 in width, 18 in travel

FABRICATION AND MATERIAL PROCESSING

- Ocean Avenger 30 Beam Drill Line – 30 in beam height, 40 ft length
- Pangborn ES 1821 Shot Blaster – 72 in width, 42 in beam height
- Farley Laser Labs Plasma/Oxy Table – 10 ft width, 40 ft length
- Lincoln Submerged Arc Welder – 150 ft weld length

WHY PARTNER WITH G.W. BECKER, INC.?

- In-house machining and fabrication for faster turnaround and full process control
- Certified welding and structural preparation for high-quality assemblies
- Large-capacity equipment for long, heavy, and oversized components
- Engineering support for CAD modeling, reverse engineering, and fit-up accuracy
- Structured quality verification including hardness testing, metallurgy evaluation, and laser alignment