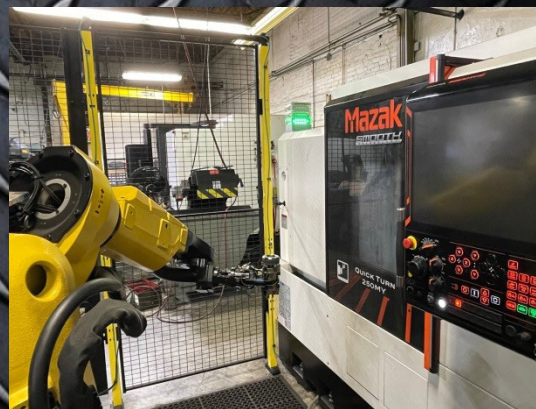




Machining, Welding & Fabrication



- Turnkey manufacturing solutions since 1873
- Transform raw material into complex machined and fabricated parts
- State-of-the-art machine shop and welding labs ready to tackle any project
- From prototype and custom designs to high-volume production quantities
- In-house fixture design, 3D CAD (Creo & Solidworks), 3D CNC Programming (CAMWorks)
- Capability to paint, heat treat, assemble, and package components

Materials	Cast Iron, Steel, Stainless Steel Brass, Copper, Aluminum, Plastic
Machining Processes	Milling, Drilling, Boring, Turning Thread Cutting, Drilling & Tapping Reaming, Hobbing, Broaching
Machining Equipment	Horizontal & Vertical Machining Centers CNC Lathes & Mills, Drill Presses Hobbing & Broach, Saws
Machining Specifications	Turning - 25" Diameter x 44" Long Milling - 41" Wide x 35" Long x 38" Tall Part Weights - Up to 250 lbs.
Fabrication Processes	Welding, Cutting, Forming, Painting Custom Pipe Spool Design & Fabrication
Fabrication Equipment	MIG, Stick, & TIG Welders, Plasma Cutter Pneumatic & Hydraulic presses Shot blaster, Vibratory Finisher
Fabrication Specifications	30' Long x 15' Wide x 20' Tall Assemblies up to 4 Tons
Automation	Palletech Pallet Pool Robot Machine Tending Live Tool Lathes with Probing
Certifications	ISO 9001-2015 ITAR Compliant, AIS Compliant ANSI/NSF, ASSE, WSC, WQA, UL Certified Products ASME Boiler & Pressure Vessel S. IX Certified Welders On-Site Certified Welding Inspector w. CWI Stamp
Quality Control	CMM with Laser Probe Romer Arm & 3D Scanning



Contact us to discuss your needs.
608-882-2708 or RFQ@Baker-Mfg.com

Baker Manufacturing Company, LLC
133 Enterprise St.
Evansville, WI 53536



- Baker Casting Division produces gray and ductile iron castings for large OEMs and machine shops
- Our customers value our quality/process control, metallurgical capabilities, and timely delivery
- Baker's Foundry, Machine Shop & Finishing capabilities allow sole sourcing machined castings
- Cope & Drag molding centers allow transfer of customer's existing patterns, saving costs on new tooling
- Our in-house pattern shop can rig, gate, and adapt transferred tooling to our machines/processes

Casting Materials	Iron Type	Tensile Range	Brinell Range
	Gray	25-40 KSI	170-269 BHN
	Ductile	60-100 KSI	170-295 BHN
	Austempered Ductile	130-200 KSI	269-477 BHN
Casting Specifications	Part Weights - Up to 150 lbs Largest Flask Size - 30" x 48" Order Quantities: 5 - 5,000+ pcs		
Melting	2 - 5,500lb Inductotherm Furnaces		
Molding	B&P 20x16 & 26x20 Automatic Machines BMM Small Cope & Drag 25.5" x 40.25" BMM Large Cope & Drag 33" x 46"		
Coremaking	SO2, Shell, and No Bake		
Grinding	Swing, Stand, and Bench Grinding CNC/Robotic Grinding (Maus ReadyGrind)		
Patterns/Core Boxes	In-House Rigging & Gating Design & Fabrication Clean, heated pattern storage External partnerships to develop new tooling		
Finishing	On-site non-VOC Coatings for Paint & Rust Preventative External Partners for additional coating/plating External Heat Treat Partners		
Quality Control	Stringent Metallurgical standards and testing CMM with Laser Probe Romer Arm & 3D Scanning		
Certifications	ISO 9001-2015 ITAR Compliant NSF, WQA, UL Certified products		

