

Custom metal fabrication is best done under one roof

—ours is 200,000 square feet.

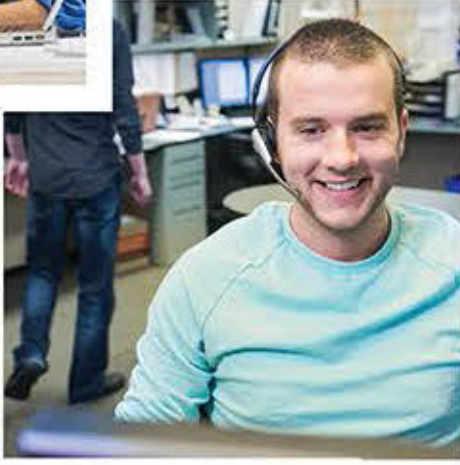
Flexitallic



From collaboration to completion.



Co-engineered solutions. Our engineers collaborate with yours to ensure economies of scale and quick turnaround times. Our 3-D imaging technology allows us to reverse-engineer your drawings and find innovative ways to cut time and expense from its manufacture.



A single point of contact.

You'll have an assigned customer service representative dedicated to answering your technical as well as logistical questions.



Global standards. Our Materials Testing Reports identify all materials and processes from source to completion. International projects adhere to all relevant standards as well.

Efficient technology. We use the latest waterjet cutting technology to deliver precision cuts and faster-than-standard turnaround times. Benders that can do multiple bends and custom angles. Robotic and manual welders to give you the accuracy and durability that your project demands. For the perfect finish, we offer etching, powder coating and colormatching.



Storage savings. Thanks to our warehouse management, we can save you money on pieces you use in quantity—but deliver them as needed. So you'll have just-in-time product flow while enjoying the economies of longer production runs.



Discuss your specs with our engineers at (780) 466-5050 or visit flexitallic.ca to learn more about our company.

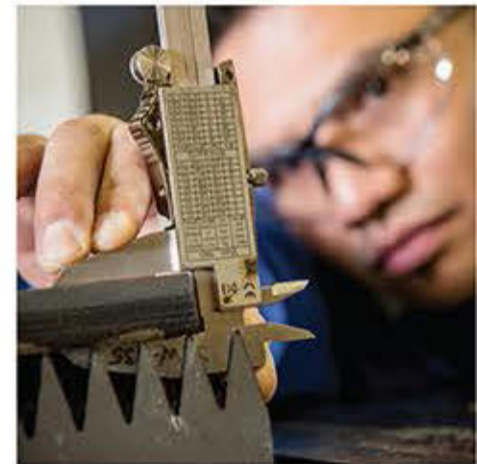
“High-quality products backed by exceptional customer support and after-sales service.”

—Ann | Procurement and Operations
JACOBS ENGINEERING



Let Flexitallic Canada design and manufacture your precision parts and components:

- Custom solutions
- JIT delivery
- 3-D modeling and imaging
- Low-cost prototypes/small runs
- CNC laser cutting
- Waterjet cutting
- Plasma cutting
- Robotic welding
- CNC bending
- Complete paint bay



Certified/Member of the
Canadian Welding Bureau

The Flexitallic brand represents global leadership in the engineering and manufacturing of industrial sealing products. In 2012, Flexitallic acquired AGS, combining the power of both to form a stronger, single-source solution for gaskets, custom metal fabrication and bolting—all backed with one-point-of-contact customer support. Learn more at flexitallic.ca.

SAFE

The Flexitallic level of safety is achieved by leveraging the company's rich history of innovation in materials and processes. As well as our commitment to customization of solutions to meet the needs of your specific project or application. Along with quality and safety-enriching education programs.

EDMONTON Head Office & Manufacturing
4340 - 78 Avenue
Edmonton, Alberta, T6B 3J5
Phone (24 Hrs.): (780) 466-5050 | Fax: (780) 465-1177

SARNIA Manufacturing
100 Duff Drive | Sarnia, Ontario, N7W 1A7
Phone: (519) 332-8300 | Fax: (519) 332-8303

CALGARY
#104, 4550 - 25 Street SE
Calgary, Alberta, T2B 3P1
Phone: (403) 236-7400 | Fax: (403) 236-7730

GRANDE PRAIRIE
8439 - 111A Street
Grande Prairie, Alberta, T8V 5L4
Phone: (780) 538-2073 | Fax: (780) 539-4144

RED DEER
#6, 7703 Edgar Industrial Drive
Red Deer, Alberta, T4P 3R2
Phone: (403) 343-7085 | Fax: (403) 343-7574

FT. McMURRAY Manufacturing
130 Boreal Ave
Ft. McMurray, Alberta T9K-0T4
Phone: (780) 743-8828

flexitallic.ca

Flexitallic



Superb technology in the hands of highly trained craftsmen.

Capabilities/ Equipment

Flexitallic can offer advanced custom fabrication thanks to a robust investment in the latest technology. Our SixSigma-trained craftsmen use five CNC lasers, four robots, one CNC bender, and an in-house painting bay to keep your job **under one roof—and our quality control.**

PIPE SUPPORTS:

- Fabricated pipe supports
- Engineered pipe supports
- Valves
- Brackets
- Clamps



SERVICES:

- Laser cutting
- Waterjet cutting
- Welding
- Bending
- Painting
- Etching

Current
Custom Fabrication
Capabilities/Equipment List

Bending/Forming Equipment		
MAKE	MODEL	CAPABILITIES
Trumpf	Trumabend C110	3/8" x 48" x 90 degrees 1/2" x 24" x 90 degrees 3/4" x 12" x 90 degrees
Cincinnati	250 OBS Press	1/2" thru 8" 212 Anvil Equivalent Clamps 1/2" thru 8" 216 Anvil Equivalent Clamps
Flexitallic	HPO1 Clamp Press	10" thru 36" 212 Anvil Equivalent Clamps 10" thru 36" 295 Anvil Equivalent Clamps
Flexitallic	HPO3 Clamp Press	10" thru 24" 212 Anvil Equivalent Clamps

innovate/customize/educate



Cutting Equipment		
MAKE	MODEL	CAPABILITIES
Trumpf	Laser Tru Laser 3030	Up to 3/4" thick carbon steel x 25 inches per minute Up to 1/2" thick stainless steel x 15 inches per minute Tolerance +/- .007"
Trumpf	Laser Tru Laser 3031	Up to 1" thick carbon steel x 27 inches per minute Up to 1/2" thick stainless x 15 inches per minute Tolerance +/- .007"
Trumpf	Trumatic L3050	Up to 1" thick carbon steel x 27 inches per minute Up to 1/2" thick stainless x 15 inches per minute Tolerance +/- .007"
Trumpf	Trumatic L3030	Up to 3/4" thick carbon steel x 25 inches per minute Up to 1/2" thick stainless steel x 15 inches per minute Tolerance +/- .007"
Bystar	3015	Up to 1/4" thick carbon steel x 70 inches per minute Tolerance +/- .007"
Flow	Mach 3B Waterjet	Capable of cutting up to 8" thick steel Cut speeds up to 20 inches per minute on 1/2" carbon steel Cut speeds up to 5 inches per minute on 2" carbon steel Capable of cutting all types of steel including titanium and aluminum Tolerance +/- .005"
Panasonic	Manipulator Robot	6-axis robotic welder converted to a plasma cutter. Capable of cutting up to 1/2" carbon steel and up 3/8" stainless steel.
Welding Equipment		
MAKE	MODEL	CAPABILITIES
Panasonic	Manipulator Robot (X3)	6 axis robotic welders capable of welding 16 inches per minute Current CWB welding procedures include GMAW for both carbon steel and stainless steel.
Lincoln	Invertec V350 Pro (X12)	Manual welding capabilities include CWB welding procedures for: Carbon Steel - GMAW/FCAW/MCAW/SMAW Stainless Steel - GMAW/FCAW/MCAW/SMAW A387 Grade 9 - FCAW/MCAW A387 Grade11- FCAW/MCAW
Drafting and Design		
SOFTWARE	VERSION	CAPABILITIES
SolidWorks	2013 Premium SP2.0 (X6)	Computer aided design software capable of : *Creating 3D parts and assemblies *Creating Technical drawings *Outputting parts to be laser cut *Determining weights of parts assemblies *Finite Element Analysis - Calculate component displacements, strains, and stresses under load *Animation

3-D design. Laser fabrication.
Pre-positioned inventory.

Pipe Supports

Flexitallic engineers reimagined the manufacture of pipe supports, and were the first to bring 3-D design techniques and the latest cutting bending and robotic welding gear to the process. Then we added automated parts fulfillment and management systems to be able to **deliver on time anywhere in the world.**

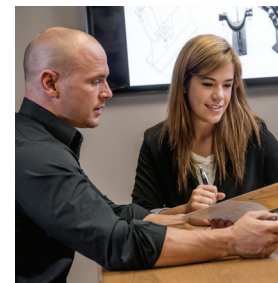
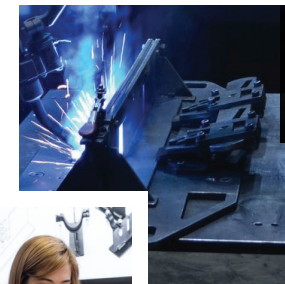
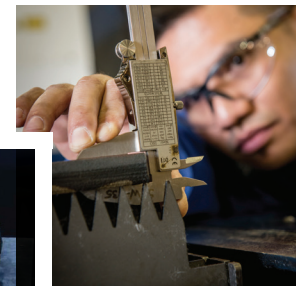
FABRICATING TECHNOLOGY:

- 3-D design and modeling
- Etching
- CNC laser cutting
- CNC bending
- Waterjet cutting
- Robotic welding

CUSTOMER LOGISTICS:

- \$12M in daily inventory
- Bar Coding/Scanning
- 10,000 unique items
- Reporting/tracking systems
- Economies of longer production runs
- Automated fulfillment and management (MIS)
- Warehousing for as-need product delivery

CUSTOM PIPE SUPPORTS:



innovate/customize/educate

