

# DAIFUKU



**Winning Solutions For  
All Your Fabricating Needs**

**Daifuku Manufacturing Canada**

# Put Our Facility To Work For You

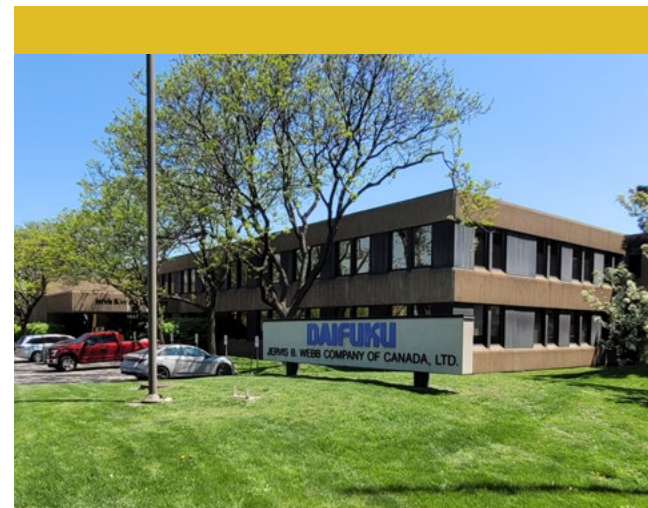
We have the capabilities to fulfill  
all of your fabricating needs.

For over 70 years, the Daifuku Manufacturing Canada, formerly Jervis B. Webb Company of Canada, Ltd., has produced customized metal components and assemblies. Our 140,000 sq. ft. manufacturing facility provides us with the production capabilities to machine, fabricate and finish carbon steel, aluminum and stainless-steel components. Our multi-disciplined work force accesses the latest technology to fabricate and finish metal parts of outstanding quality.

To assure customers of the highest product and service quality, the Daifuku Manufacturing Canada is committed to recognized quality and safety programs. Our skilled workforce is extensively trained in Quality Improvement and Lean Manufacturing. In addition, our in-house Quality Control/NDT Department provides us with LPI metrology and visual inspection services.

We constantly look for ways to add value to every project we tackle by improving products, reducing production costs and maintaining the highest quality standards. Customers draw on our pool of experienced engineers for the technical expertise necessary to develop winning solutions.

Turn to Daifuku Manufacturing Canada for the advanced fabricating capabilities and technical excellence necessary to make your next project a success.





**We are a manufacturer of material handling equipment. We also provide shop labour for custom fabrications, breakdown and on-site inspection services.**

**Hamilton Location Capabilities Include:**

- Laser/Flame Cut
- CNC Machining
- Bending & Rolling
- Welding & Fabrication
- Assembly
- Paint

### Laser / Flame Cutting

At the heart of our production is our Bystronics 4020 (10K Watt) Laser Manufacturing Centre. Its wide range of capabilities enables complex parts to be produced with the utmost precision and efficiency. With three NC plate cutting centers, we have both the capacity and flexibility to cost-effectively produce parts in a wide variety of sizes with rapid turnaround.

### CNC Machining

We have a CNC capable machine shop, including vertical mills, CNC lathes & milling machines, with the ability to turn, mill drill, chamfer, bevel, and cut keyways.

### Bending / Structural Section Rolling

Programmable equipment combined with over 70 years of experience ensures consistent bending of structural shapes and bars to the most demanding tolerances.

### Welding & Fabrication

Our Canadian Welding Bureau certified shop has metal joining capabilities for carbon steel, stainless steel, and aluminum.

### Assembly

Our skilled fitters build complex, close-tolerance components and machines, employing custom jigs and fixtures to hold tolerances and ensure repeatability.

### Paint

Our paint system allows us the flexibility to finish components of virtually any size.

- A Full-Service Operation
- Overhead bridge cranes in all bays
- Crane capacity of 10 ton, 19'-6" under hook
- Vibratory stress relief service
- Bar coding of all fabricated steel leaving our facility for easy identification of shipments



# Cutting, Bending and Fabricating Capabilities For Almost Any Application

## Bystronics Brake Press Centre

- Maximum material thickness – steel and aluminum..... 500"
- Maximum bending length ..... 12'
- Nominal bending capacity .....360 tons
- Machine positioning accuracy..... +/- .004"
- Laser angle measuring system with automatic correction (LAMS)



## Bystronics CO<sup>2</sup> Laser Manufacturing Centre

- Maximum material thickness – steel ..... 1.000"
- Maximum material thickness – aluminum and stainless steel ..... .500"
- Machine positioning accuracy..... +/- .005"
- Machine positioning area ..... X-axis 155"  
..... Y-axis 76"
- HSS Tubing, Structural Channel



## Bystronics Fiber Laser with Automation

- Maximum material thickness – steel ..... 1.000"
- Maximum material thickness – aluminum and stainless steel..... 1.000"
- Machine positioning accuracy..... +/- .005"
- Maximum Sheet Size..... 157" x 78"
- HSS Tubing, Structural Channel



## MG Industries System 80 Plasma Burning Centre Plasma/OxyCut

- Maximum material thickness – plasma cutting..... 500"
- Maximum material thickness – flame cutting ..... 6"
- Table work area..... 96" X 240"
- Machine positioning accuracy..... +/- .0625"
- Materials include carbon steel/stainless steel/abrasion resistant plate and aluminum



## Structural Steel Rolling

- I-Beam
  - Horizontal ..... 13" Max
  - Vertical ..... 6" Max
- Channel
  - Horizontal ..... 13" Max
  - Vertical ..... 6" Max
- Angle (Leg In/Out) ..... 6" Leg In or Out
- Flat bar (Hard way) ..... 6" Max



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