



# Complete Fabrication and Assembly Solutions



- MIG/TIG/Spot Welding
- Assembly & Painting
- Large Part Capability
- CNC Hi-Resolution Plasma Cutting
- CNC Laser Cutting
- CNC Punch/Laser
- CNC Bending — Forming
- CNC Shearing
- CNC Punching
- Induction Heating/Processing





# From metal parts to complete assemblies... Trust Caliber Mfg.

## Welding — Assembly — Painting

- MIG/ TIG/ spot welding
- 10 welding stations
- Assembly – Electronics, Controls, Dashboards
- Painting – Primer and Finish Quality Painting (Acrylic and Epoxy)
- Paint Booth – 20 ft deep x 12 ft high and 12 ft wide capacity

## CNC Hi-Resolution Plasma Cutting

- (Laser Like) +/- 0.8 mm accuracy
- From 18ga to 1.5" thick x 18.0 ft x 40 ft. table
- Stainless, aluminium and steel cutting

## CNC Laser Cutting

(2 systems)

- Up to 3/4" x 80" x 160" (4000W) +/- 0.005" accuracy

## CNC Punch/Laser

- Up to 0.25" x 72 x 144"

## CNC Bending - Forming

(6 machines)

900 Ton 7-Axis CNC X 240" to 3/4" x 20 feet of bending

350 Ton 7-Axis CNC X 168" to 1/2" x 14 feet of bending

180 Ton 7-Axis CNC x 120" to 5/16" x 10 feet of bending

165 Ton 9-Axis CNC X 120" to 1/4" x 10 feet of bending

125 Ton 3-Axis CNC X 18" to 1.0" x 18" of bending

56 Ton X 48" very economical bending for small parts

Over \$700,000 press brake tooling in stock allows us to bend more shapes than any other fabricator  
Special tooling produced in 48 hours

## CNC Shearing

Up to 1/2" X 144" with 48" CNC Backgauge

## CNC Punching

Up to 1.5" dia. in 1" Plate

## Induction Heating/Bending

Induction heating up to 1300°C allows precision bending of bars up to 2" x 8"

## Induction Heat Treating

- Allows for localized heat treating

## Specialty Services

- Pemsert Insertion Nuts + Studs – #6 to 3/4" UNC/ M20 size
- BTM Clinching – To 0.35" total – No heat or damage to material surface finish
- Drilling – Up to 2.5" dia. holes
- Tapping – Up to 1" UNC
- Beveling – Up to 3/4 x 45 degrees Pullmax Heavy Duty Beveler – 2 machines
- Part Number Stamping – Production Stamping of Letters/Numbers
- Rolling – From 3mm x 1 meter wide by 55mm dia. to 25mm x 3 meter wide by 609mm dia.

## Large Part Capability

(7 cranes)

- 41,000 sq. ft of plant — 10 and 5 Ton Bridge Cranes full coverage
- Numerous 2 and 1 Ton JIB Cranes Plus 5 ton and 10 ton bundle lifters
- 6,000 and 8,000 lb. Forklifts with 60" forks

## Support Systems

- Full MRP and Job Management System (JOBBOSS™)
- Data collection and Barcoding for real-time information
- CAD Systems - Solidworks™, Solidedge™, AutoCAD™

## Quality

- Caliber Mfg. Inc. will manufacture and deliver products and services of consistent quality that meet our customers requirements, standards and expectations.



**CALIBER**  
MANUFACTURING

*Fabrication and finishing  
of metal parts and  
complete assemblies.*

145 Turnbull Court ● Cambridge ● Ontario ● N1T 1C6

Phone: 519-624-8784

[www.calibermfg.ca](http://www.calibermfg.ca)

Fax: 519-624-2096

E-mail: [calibermfg.ca](mailto:calibermfg.ca)