



ELLERY

Manufacturing Ltd.



*Celebrating 40 Years
of Manufacturing Excellence*

INNOVATION // EXPERIENCE // QUALITY



Canada
CONTROLLED GOODS PROGRAM
(CGP) REGISTERED

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Ellery Manufacturing Ltd.

is an industry leading provider of custom CNC & conventional machining, fabrication and project management services.



Ellery Manufacturing operates a 20,000 square foot production facility and head office located in Surrey, British Columbia, Canada. The company is preparing to celebrate its *40th Anniversary* in 2018 and is proud to still be family owned and managed.

INNOVATION // EXPERIENCE // QUALITY

Major industrial customers and engineering firms recognize Ellery Manufacturing as a preferred service provider. The company's solid reputation and position as an industry leader is based on ...

- Powerful production capabilities with the flexibility to produce large custom parts or smaller critical components.
- The ability to work with a variety of materials while meeting demanding tolerance, finish and quality requirements.
- Up to date, secure & efficient systems for the management of customer projects, documentation & quality assurance.
- A commitment to exceeding industrial performance & workplace safety standards.
- Consistent, high quality workmanship.
- Fast responses to customer requests & reliable delivery times.

Our Services

Ellery Manufacturing relies on modern machinery, streamlined manufacturing processes, industry experience and skilled machinists to produce work that meets the highest standards. *40 years* working on projects across a variety of industries has enabled Ellery to develop problem solving skills and manufacturing systems that ensure our jobs are completed to the most demanding machining and quality assurance requirements.

> Turning & Milling

Turning capacity:

Ellery is able to turn parts up to 98" Diameter / 40,000 Lbs.

Milling capacity:

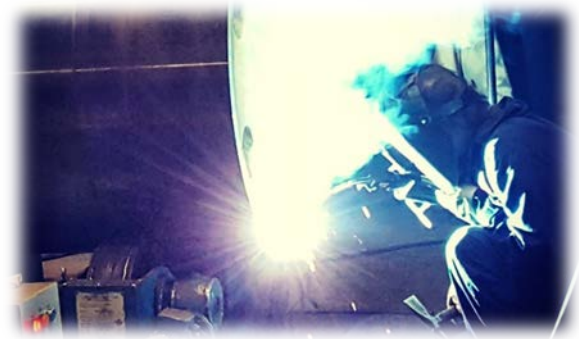
Vertical & Horizontal boring of parts weighing up to 33,000 Lbs.



> Fabrication & Welding

Ellery Manufacturing provides welding & fabrication services for a wide variety of industrial parts. All work is checked by an in-house welding supervisor and all weldments are fabricated to a variety of industry standards including ABS, DNV, API and Lloyds.

Mig, Tig & Stick Welding - Certified to CWB / CSA 47.1.



> Testing & Quality Assurance

Ellery Manufacturing utilizes a combination of in-house inspection, detailed quality documentation systems and third party NDT partners to ensure our projects meet all customer quality assurance requirements.



What type of work do we do?

Ellery Manufacturing specializes in the machining & fabrication of large custom parts, critical components and prototypes. Our company has a long history of producing work for a wide variety of industries and applications.

Renewable Resources

Ellery Manufacturing is excited about the potential economic, social and scientific benefits to be gained from the pursuit of alternative energy sources.

Our company is pleased to work with leading players in the renewable / alternative energy space, producing parts and prototypes for projects that involve Wind, Solar, BioFuel, Nuclear Fusion & Hydro Electricity.



Non-Renewable Resources

Our company has a long history of working with companies focused on natural resource exploration and extraction. Some of our top customers operate in the areas of Oil & Gas, Mining & Forestry.





> Major Construction & Special Projects

Ellery Manufacturing has been part of some very interesting projects. We have produced parts for the Canada – France – Hawaii telescope located on the peak of Mauna Kea and we've produced parts for major infrastructure projects such as the seismic upgrade on Vancouver's iconic Lion's Gate Bridge.



> Entertainment

Amusement parks have provided Ellery Manufacturing with interesting opportunities to produce a variety of parts for major attractions around the world.

Our parts have been installed on several well known roller coasters and simulator style attractions for some of the biggest names in entertainment.

> Defense/Aerospace

Ellery Manufacturing holds a *Canadian Registered Goods Certification* (equivalent to the U.S. Government International Traffic in Arms ITAR license). This certification indicates that our company has successfully completed the preparation, training and audits required to produce parts for military applications.

Our production capacity, internal systems and thorough appreciation for the unique needs of government / military projects makes our company suitable for this type of work.



Production Specs & Capabilities

Ellery Manufacturing employs leading technology, best practices and current equipment to ensure we are ready to meet even the most demanding standards for quality and accuracy expected by our customers.



Manufacturing Floor	<ul style="list-style-type: none"> - CNC and Conventional machines. - 20,000 Square Feet.
Crane Height & Lift Capacity	<ul style="list-style-type: none"> - 12 Overhead Jib Cranes (1 ton capacity each). - 2 Overhead Cranes (10 ton capacity each). - 32 ft. hook height and 40,000 lb lift maximum capacity.
Welding	<ul style="list-style-type: none"> - 3 Welding positioners up to 10,000 lb capacity. - Miscellaneous tank rolls. - Mig, Tig & Stick welding capabilities.
Certifications	<ul style="list-style-type: none"> - Controlled Goods Certified. - CWB / AWS certified welding department to CSA W47.1. - ISO 9001:2015 (2018 Completion) - Occupational Safety Standard of Excellence (OSSE) – (2018 Completion)
Software	<ul style="list-style-type: none"> - Shoptech E2 ERP Version 7.3. - GibbsCAM 2015. - Support for most common CAD file formats including IGES, STEP, DXF & Parasolid.
Quality Assurance	<ul style="list-style-type: none"> - Quality levels include ABS, DNV, API and Lloyds. - Materials used are documented for traceability. - First article, mid-process and complete final inspections are carried out on all manufactured components prior to final shipping. - Full inspection documentation available as required.

CNC / Manual Machining Capacity

<p>Okuma LB3511-BB CNC Turning Center Turning = 20" / 508 mm diameter x 60" / 1,624 mm long.</p>	<p>O-M NEO-10 CNC Turning Center 56" / 1422 mm (Swing) 30" / 762 mm (Turning Height)</p> <p>Work Piece Weight: 4,410 lbs / 2000 Kgs.</p>
<p>O-M NEO-16 CNC Turning Center 79" / 2000 mm (Swing) 79" / 2000 mm (Turning Height)</p> <p>Work Piece Weight: 17,637 lbs / 8000 Kgs</p>	<p>O-M NEOA-20EX CNC Turning Center 98" / 2490 mm (Swing) 79" / 2000 mm (Turning Height)</p> <p>Work Piece Weight: 33,000 lbs / 15,000 Kgs. Live milling quill.</p>
<p>HAAS VF-8 CNC Vertical Mill X = 64" / 1,626 mm, Y = 40" / 1,016 mm, Z = 30" / 762 mm.</p> <p>Table Loading Capacity = 4,000 lbs / 1,815 Kgs.</p>	<p>HAAS VF-9 CNC Vertical Mill X = 84" / 2,134 mm, Y = 40" / 1,016 mm, Z = 30" / 762 mm.</p> <p>Work Piece Weight: 4,000 lbs / 1,815 Kgs.</p>
<p>HAAS EC-1600 CNC Horizontal Machining Center X = 64" / 1,626 mm, Y = 40" / 1,016 mm, Z = 32" / 813 mm with full 4th axis table.</p> <p>Table Loading Capacity = 10,000 lbs / 4,536 Kgs. 2 machines available.</p>	<p>Toshiba BTD200QE CNC Horizontal Boring Mill X = 39.4" / 1,000 mm, Y = 31.5" / 800 mm, W = 15.7" / 399 mm with full 4th axis table.</p> <p>Table Loading Capacity = 5,500 lbs / 2.495 Kgs.</p>
<p>Doosan DBC-110 Horizontal Boring Mill X = 98.4" / 2,500 mm, Y = 78.7" / 1,999 mm, Z = 59" / 1,499 mm, W = 21.6" / 549 mm with full 4th axis table.</p> <p>Table Loading Capacity: 22,000 lbs / 9,980 Kgs.</p>	<p>Doosan DB130CX Horizontal Boring Mill X = 118" / 2,998 mm, Y = 78.7" / 1,999, Z = 63" / 1,600 mm, W = 27.6" / 701 mm with full 4th axis table.</p> <p>Table Loading Capacity = 33,000 lbs / 14,969 Kgs.</p>
<p>Shibaura Conventional Horizontal Borer X = 39.4" / 1,000 mm, Y = 31.5" / 800 mm, W = 15.7" / 399 mm.</p> <p>Table Loading Capacity = 5,500 lbs / 2.495 Kgs.</p>	<p>TOS Conventional Lathe Turning parts up to 38" Diameter x 144" Long.</p>
<p>Mazak Conventional Lathe Turning parts up to 16" Diameter x 120" Long.</p>	<p>Additional Equipment Miscellaneous Drillpresses CNC Saw Forklifts (3) – 8,000 Lb Lift Capacity</p>

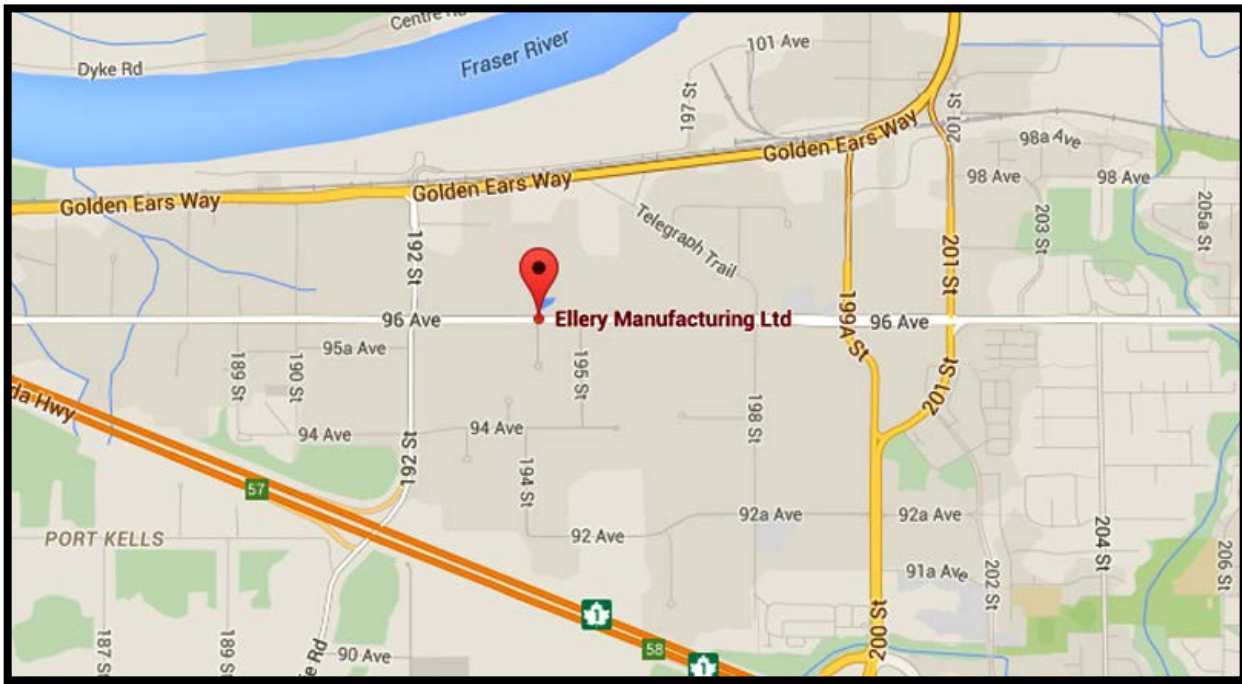
Contact Information

Ellery Manufacturing's head office and manufacturing facilities are conveniently located just a 45 minute drive from the Vancouver International Airport, 30 minutes from the Abbotsford Airport and just 20 minutes by car from the U.S. border. Our facility has direct access to major highways and infrastructure.

Head Office & Manufacturing Facility

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