



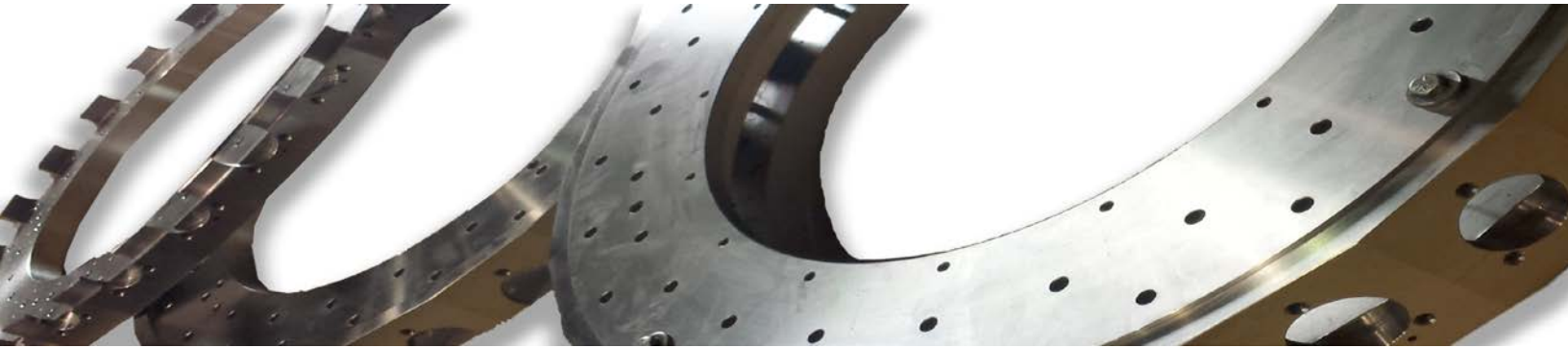
# ELLERY

Manufacturing Ltd.



## Innovation, Experience, Quality

A proud provider of world class custom machining, fabrication and project management services for major industrial customers and leading edge engineering firms.



Canada  
CONTROLLED GOODS PROGRAM  
(CGP) REGISTERED

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Ph: (604)882-9122

# Serving Industrial Customers Since **1978**

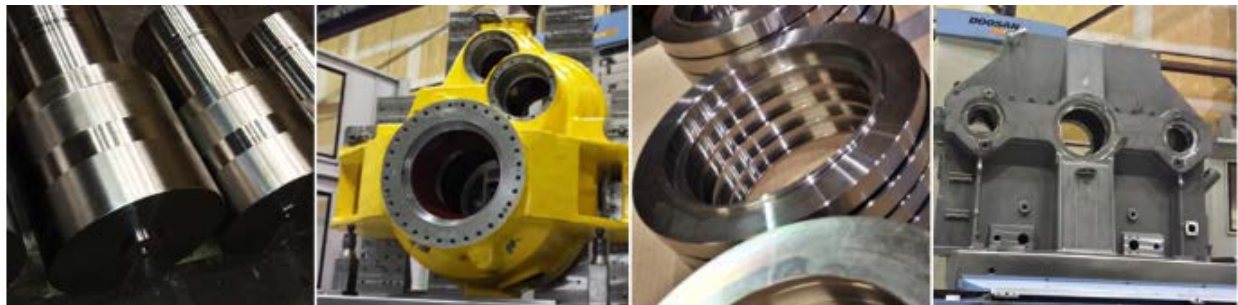
Ellery Manufacturing is capable of producing work for a wide variety of industries that include ...

- Entertainment
- Oil & Gas
- Wind, Solar & Hydro
- Liquid Natural Gas
- Mining
- Forestry
- Construction
- Marine
- Defence & Aerospace

Our firm is a preferred manufacturing partner due in part to our production capabilities, our machining power & capacity and our reputation for delivering projects on time and on budget.

Ellery Manufacturing works on projects that require large custom parts or critical, high precision components. We have the horsepower and expertise to machine a wide variety of materials and our skilled technicians are capable of producing work that meets the most demanding finish & tolerance requirements.

We stand behind the quality of our work. Our projects meet numerous quality levels including ABS, DNV, API and Lloyds. All work is fully traceable and meets the highest standards for quality assurance, traceability and documentation.



## What type of work do we do?

### Specialty Components

Ellery Manufacturing works with leading engineering firms to manufacture custom, critical components. Examples include precision machined parts for major amusement park attractions located in the United States, China, Middle East & Europe. Ellery has also produced components for high profile projects such as the turning mechanism used for the Canada-France-Hawaii telescope located in Mauna Kea, Hawaii.

### Industrial Parts

Our firm specializes in producing large, custom industrial parts for heavy industry. Ellery produces entire new part assemblies and we are often called upon to provide repair / refurbishing work on existing components. Examples include large drawworks parts ( winch drums, gearboxes, housings ) for off shore oil rigs & land based drilling operations in addition to rotor bowls and hopper assemblies for use in mining.

### Construction

Ellery is often contracted to produce parts for major construction projects. One such project required our firm to produce components for the Lion's Gate Bridge seismic upgrade in Vancouver, British Columbia.



## Shop Specs & Capacity



### Manufacturing Floor

CNC and Conventional / 20,000 Square Feet.



### Crane Height & Lift Capacity

12 Overhead Jib Cranes (1 tonne capacity each).

2 Overhead Cranes (10 tonne capacity each).

32 ft. hook height and 40,000 lb lift maximum capacity.



### Welding

3 Welding positioners up to 10,000 lb capacity. Miscellaneous tank rolls.

Mig, Tig & Stick welding capabilities.



### Certifications

Controlled Goods Certified.

CWB / AWS certified welding department to CSA W47.1.



### Software

Shoptech E2 ERP Version 7.3 / GibbsCAM 2015.

Support for most common CAD file formats.



### Quality Assurance

Quality levels include ABS, DNV, API and Lloyds. Materials used are marked and quarantined to ensure full traceability. First article, mid-process and complete final inspections are carried out on all manufactured components prior to final shipping with full inspection documentation available as required.



## Machining Capabilities

### Okuma LB3511-BB CNC Turning Center

Turning = 20" / 508 mm diameter x 60" / 1,624 mm long.

### O-M NEO-16 CNC Turning Center

79" / 2000 mm (Swing)  
79" / 2000 mm (Turning Height)

Work Piece Weight: 17,637 lbs / 8000 Kgs

### HAAS VF-8 CNC Vertical Mill

X = 64" / 1,626 mm, Y = 40" / 1,016 mm, Z = 30" / 762 mm.

Table Loading Capacity = 4,000 lbs / 1,815 Kgs.

### 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.

Table Loading Capacity = 10,000 lbs / 4,536 Kgs.  
2 machines available.

### 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 4<sup>th</sup> axis table.

Table Loading Capacity: 22,000 lbs / 9,980 Kgs.

### Conventional Machines

Shibaura Conventional  
TOS Conventional Lathe  
Mazak Conventional Lathe

### O-M NEO-10 CNC Turning Center

56" / 1422 mm (Swing)  
30" / 762 mm (Turning Height)

Work Piece Weight: 4,410 lbs / 2000 Kgs.

### O-M NEOA-20EX CNC Turning Center

95" / 2400 mm (Swing)  
79" / 2000 mm (Turning Height)

Work Piece Weight: 33,000 lbs / 15,000 Kgs.  
Live milling quill.

### HAAS VF-9 CNC Vertical Mill

X = 84" / 2,134 mm, Y = 40" / 1,016 mm, Z = 30" / 762 mm.

Work Piece Weight: 4,000 lbs / 1,815 Kgs.

### 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.

Table Loading Capacity = 5,500 lbs / 2,495 Kgs.

### Doosan DB130CX Horizontal Boring Mill

X = 118" / 2,998 mm, Y = 78.7" / 1,999 mm, Z = 63" / 1,600 mm, W = 27.6" / 701 mm with full 4th axis table.

Table Loading Capacity = 33,000 lbs / 14,969 Kgs.

### Additional Equipment

Drillpress  
Saw  
Forklifts ( 2 )



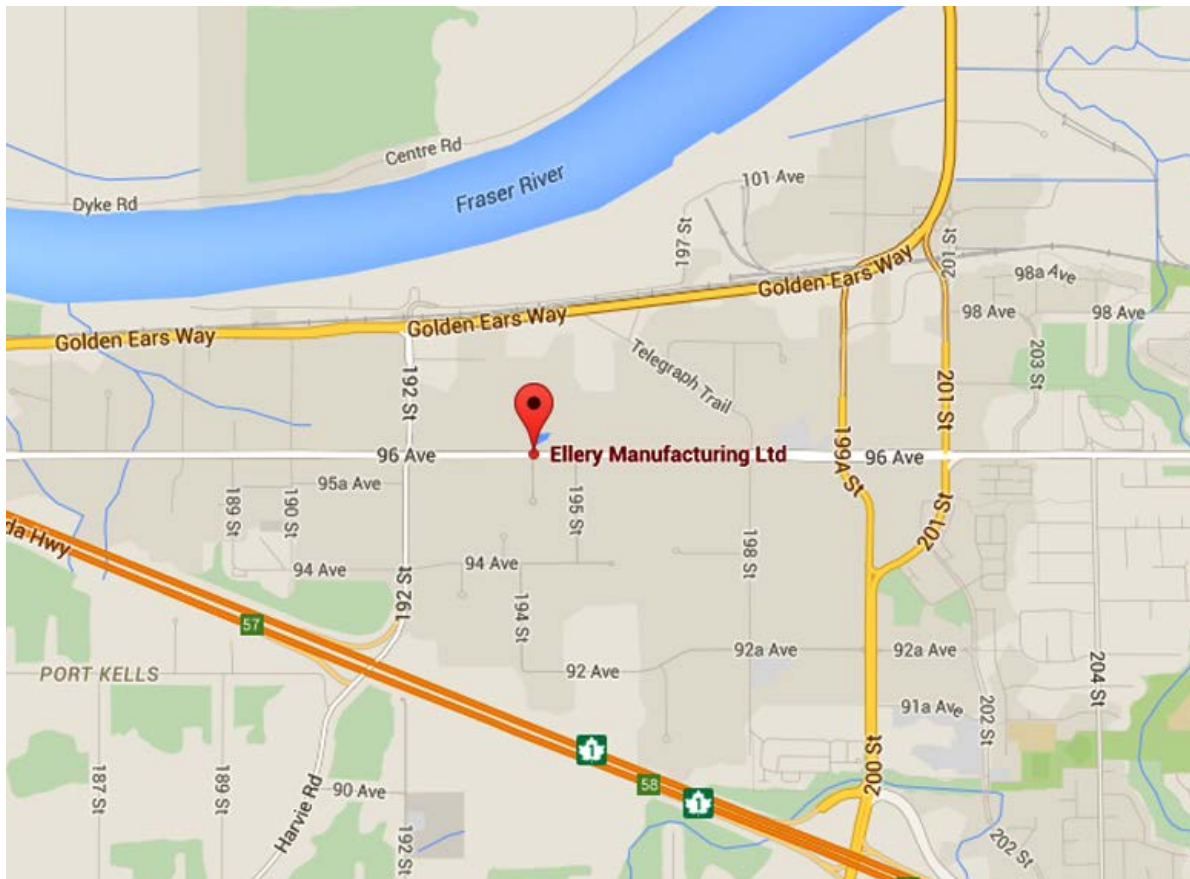


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## Contact Information

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

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