

BRIDGES | CUSTOM STEEL | STRUCTURAL STEEL





Platinum member



Cherubini is a leading Canadian steel fabricator, designing, producing and delivering bridges and complex structures around the world. Cherubini's story began in 1967 as a small company building steel staircase railings in Dartmouth, Nova Scotia. With the knowledge of the steel industry and strong business intelligence of its owners, Cherubini has grown into a large, successful group of companies with an impressive history and an exciting future. We are proud to be consistently recognized as a Platinum Member of Canada's Best Managed Companies by Deloitte.

We have built more than 150 bridges across the globe, creating infrastructure for towns and cities. We have fabricated and erected many buildings, creating opportunities for economic development and prosperity. We have developed innovative structures for green and marine technology, creating opportunities for renewable energy.

Cherubini has constructed these buildings, bridges and structures with more than 50 years of experience and passion behind us, and with partners who share our core values and commitment to safety and excellence. We work in state-of-the-art facilities with sustainable long-term development, large enough to see our collaborative big ideas come to life today and tomorrow. We are proud to employ talented workers skilled enough to deliver what's promised, on time and on budget. Cherubini has built this business from the ground up, because we think of what's next, and we do it now.

Our most valuable assets are our employees - innovators who strive to accomplish exemplary results through their creativity and workmanship. We are proud to have numerous long-term employees who have grown with us since our inception and who have helped us achieve excellence through their continued dedication, loyalty and talent.

We are proud to serve the following markets:



TRANSPORTATION/ INFRASTRUCTURE



MINING

OIL, GAS



OIL, GAS AND CHEMICAL



BUILDING





INDUSTRIAL & MANUFACTURING

RENEWABLE ENERGY

#### PROJECT HIGHLIGHT: GORDIE HOWE INTERNATIONAL BRIDGE

Cherubini is proud to be fabricating and supplying the U.S. approach spans for this landmark project. The bridge will serve as the newest connection between Canada and the United States, linking Detroit, Michigan, to Windsor, Ontario.

This engineering marvel will be the longest cable-stayed bridge in North America and rank among the top five longest bridges on the continent. Spanning 2.5 kilometres in length, it will feature a unique design, six lanes of traffic, and a main span of over 850 metres, setting a new standard in infrastructure and connectivity.



#### PROJECT HIGHLIGHT: TORONTO PORT LANDS

Our skilled team of 150 Maritimers proudly manufactured this unique structure, connecting downtown Toronto to the future Villiers Island and three other new bridges. Built in our Dartmouth facility, the Cherry Street North bridge traveled via the Saint Lawrence River to its final destination in Toronto's Harbour as part of the Port Lands Flood Protection project.

Led by Waterfront Toronto, this 800-acre revitalization project prevents extreme flooding while creating a vibrant new community. The 57-metre, 350-tonne bridge marks a milestone in connecting Villiers Island and transforming Toronto's waterfront into a world-class destination for living, working, and recreation.



#### NOTABLE PROJECTS

- The Vimy Memorial Bridge, Ottawa, Ontario
- Turcot Bridge, *Montreal, Quebec*
- Confederation Bridge, New Brunswick & Prince Edward Island
- MacDonald Bridge, Halifax, Nova Scotia
- American Airlines Terminal, JFK Airport, New York
- OEVI/ Red Hill Valley Parkway Bridge, Hamilton, Ontario
- Gordie Howe International Bridge (USA Approaches), Detroit, Michigan
- Port Lands Bridges, Toronto, Ontario

## Bridges

Cherubini is always expanding on our impressive portfolio of bridges - from simple bridges to the most complex and innovative. We possess the experience, expertise, facilities and talent to effectively design, build, deliver and erect bridges on time and on budget.

#### PRODUCTS

- Truss bridges
- Box girders
- Tub girders
- Three plate girders
- Arch bridges
- Pedestrian bridges
- Orthotropic deck bridges
- Highway bridges
- Railway bridges
- Movable bridges

#### SERVICES

- Design
- Fabrication
- Blasting
- Specialized coatings
- Metalizing
- Galvanizing
- Transportation
- Erection



The Vimy Memorial Bridge, Ottawa, Ontario

# Orthotropic Steel Decks

Orthotropic Steel Decks are an effective solution in new bridge design, refurbishment or entire replacement of a bridge, especially when spanning long distances. With a 25–35% reduction in weight (compared to a traditional concrete bridge system), minimal traffic disruptions and the reduction in life cycle maintenance costs, Orthotropic Steel Decks are a smart investment. Cherubini's Pleasant Street Facility, located on the Atlantic Ocean, makes fabricating and shipping these panels by barge or rail an affordable and flexible solution.

#### BENEFITS

- Prefabricated in our facility, resulting in faster construction and higher quality control
- Lightweight a critical characteristic for movable bridges
- Higher efficiency due to lighter weight
- Requires less maintenance and reduced lifecycle costs
- Allows for longer span lengths, providing a smoother driving surface
- Good cold weather constructibility, since there is no concrete deck that requires minimum temperatures for curing
- Orthotropic design and superior coatings allows for excellent resistance to corrosion



Angus L MacDonald Bridge (Big Lift Project)

#### NOTABLE PROJECTS

- Angus L MacDonald Bridge (Big Lift Project)
- A. Murray MacKay Bridge
- Port Land Bridges
- Lake William Trail Suspension
  Bridge

#### **NOTABLE PROJECTS**

- Halifax Shipyards
- Shearwater Airbase Hangar
- Hebron GBS
- Nova Centre
- Halifax Library
- Bayers Lake Community
   Outpatient Centre
- Corner Brook Acute
   Care Hospital

## Structural Steel

Cherubini's experience in structural steel fabrication goes back to 1967, and our expertise, resources, and portfolio has grown exponentially since then. With our state-of-theart facilities and equipment, combined with our quayside location, no project is too large or too complicated for our expert engineers and skilled team. We have fabricated steel for buildings, towers, offshore structures, and many other projects, always ensuring our clients' unique needs are met, on time and on budget.

#### PRODUCTS

- Transmission towers
- Structural steel (beam & column)
- Stairs, rails, steps and lattice frames
- Welded wide-flange shapes
- Industrial plate work
- Offshore structures: wellheads and formwork

#### SERVICES

- Design
- Fabrication
- Grit blasting or surface preparation
- Specialized coatings
- Metalizing
- Galvanizing
- Transportation



Corner Brook Acute Care Hospital

#### NOTABLE PROJECTS

- OpenHydro Turbine
- Encana Wellhead Structures
- Alstom Ductwork
- Riley Power Ductwork
- Detroit Edison Duct Work
- Pennecon Penstocks
- FDR Fendering

### **Custom Steel**

While our work in bridges and structural steel has been the core of our business for a large part of our history, it is our custom work that has allowed us to thrive in a space where others can't.

Cherubini has continually sought out work that is particularly unique and challenging. We are restless innovators - we think of what's next, and we do it now. This business philosophy, paired with our investment in the best equipment available in industry and our plants' capacity and flexibility to accommodate large and unique jobs, allows us to take on difficult projects that others won't attempt. Our highly skilled workforce, advanced fabrication processes and strategic alliances are key in providing quality products.





### State-of-the-Art Quayside Production Facilities

Welcome to Cherubini. Our state-of-the-art production facilities, which total over 200,000 square feet, are located quayside in Dartmouth, Nova Scotia, Canada. Strategically located on the Halifax Harbour, our Pleasant Street Facility includes an impressive wharf, providing vessel and barge access for loadout or deployment. Our facilities are also equipped with rail siding for transporting large components by train. Cherubini is the only company on Atlantic Canada's east coast that has a wharf and rail siding as part of its facilities. This has not only given us a competitive advantage, it has given us the ability to better serve our clients and work in new markets, including marine renewable energy.





### BURNSIDE FACILITY & CORPORATE OFFICE

- 100,000 sq. ft of fabrication space
- 11 acres of laydown area in Burnside Industrial Park in Dartmouth, Nova Scotia
- New AGT robotics beammaster
- New state-of-the-art CNC burning, cutting and process



### PLEASANT STREET FACILITY

- 100,000 sq. ft. of fabrication space
- 7.5 acres of laydown area on the Halifax harbour
- Quayside wharf for barge or vessel loadout
- Dedicated railsiding for receiving raw
  material and chipping large structures
- Deep water harbour access



Port Lands Bridges



#### WOODSIDE COATINGS FACILITY

- Certifications: ISO, AMPP, QP3
- 7.2 Acres of Processing and storage capacity
- 60 Tons of Lifting Capacity
- Automated Blast Lin
- Semi automated Manual blast and recovery
- Plural Pump Component
- Capabilities
- Fire Coatings Applications
- Corrosion Prevention Applications:
- Metallizing, 3 Coat Paint Systems
- 3 Facilities to serve you better.

## Solar Panels

In 2024, we installed a 725 kW-DC photovoltaic generation system at 570 Wilkinson Ave with 1,360 panels. During the longer, sunnier days of late spring, summer, and early fall, it will produce more power than the facility consumes, sending the surplus to the electrical grid. Conversely, during winter and nighttime, when energy production is lower, additional power will be drawn from the grid. Over a year, the system is designed to supply 80-90% of this location's energy needs.

By reducing reliance on fossil fuels, the system will eliminate approximately 300 tonnes of carbon emissions annually, contributing to a cleaner, greener future.

LEFEE



Burnside Facility & Corporate Office



# Health, Safety and Environment

At Cherubini, we're committed to providing the safest, cleanest and most supportive work environment, ensuring every member of our team goes home every day with their health and well-being intact. We take pride in our health and safety culture.

We firmly believe in conducting operations in a manner that contributes to the protection of the natural environment.





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#### QUALITY ASSURANCE CERTIFICATES

ISO 9001:2015 CSA Standard W47.1 CSA Standard W59 CSA Standard W47.2 for Aluminum Canadian Institute of Steel Construction "Steel Bridges & Structures" American Institute of Steel Construction "Standard for Steel Building Structures, Major Steel Bridges (Fracture Critical Endorsement)"

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**Woodside Coatings Facility** 21 Orion Court Dartmouth, Nova Scotia B2Y 4S9

**Burnside Facility & Corporate Office** 570 Wilkinson Avenue Dartmouth, Nova Scotia, B3B 0J4

**Pleasant Street Fabrication Facility** 760 Pleasant Street Dartmouth, Nova Scotia B2W 1A7