

ALGONQUIN R800™

MODULAR PANEL BRIDGES



Mission-critical systems for military or humanitarian operations

Algonquin R800 Modular Panel Bridge Systems are innovative and economical bridging solutions for rapid deployment in a wide array of permanent or temporary applications. Their components are inventoried with Algonquin Bridge and ready to ship across Canada or internationally for easy assembly with local crews and equipment.



James Bay, Northern Quebec

Features & Benefits

- ▶ 100% designed and fabricated in Canada
- ▶ Made with more than 75% Canadian steel
- ▶ Ready to ship anywhere
- ▶ Suitable for permanent or temporary applications
- ▶ Ideal for Northern and Arctic installations
- ▶ Available with short-term or long-term rental options
- ▶ Rapid deployment with cantilever launching from one side
- ▶ Adjustable ramp system connects roadway to deck
- ▶ Steel deck panels with an epoxy aggregate anti-skid coating*
- ▶ Built with 3.048 m (10') pinned panels
- ▶ Supports clear spans in excess of 82.3 m (270')
- ▶ Standard roadway widths from 3.15 m (10.2') to 10.5 m (34.5')
- ▶ Meets loading, design and testing requirements in AEP 4865
- ▶ Uses steel that complies with CSA G40.20

*Asphalt-ready steel decking and timber surfaces are also available.



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The Algonquin R800 Modular Panel Bridge System is the only Canadian-manufactured system of its kind

Built for strength, speed and flexibility, it delivers reliable capability and value for line of communication, humanitarian response and civilian bridging applications.

- ▶ Designed and manufactured in Thorndale, Ontario, with substantial Canadian steel content
- ▶ Produced in a modern, automated facility with robotic, solar-assisted and scalable production capabilities
- ▶ Supported by a secure Canadian supply chain that strengthens domestic industrial resilience and sovereignty
 - ▶ Delivered by experienced bilingual professionals who specialize in bridging solutions
 - ▶ Backed by in-house engineering, on-site technical support and training services
- ▶ Enhanced through third-party testing and analysis with university laboratory partners
 - ▶ Developed in partnership with recognized military bridge engineering specialists

Our military bridging team will keep your mission connected