InQuik®



The InQuik CR370 Bridge

InQuik are proud to launch the CR370 bridge, to address the need for culvert replacements and small bridges by local councils, farmers and primary producers. The short-span bridge product has been specifically designed with a 370mm deep deck profile for ease of water afflux, and is available in a 6.4m span with bridge widths ranging from 2.4m up to 14.4m.

The CR370 meets Australian Bridge Code standards AS5100 (2017), is load rated to SM1600 (160 tonnes) and has a 100 year design life.

Bridges are a much more environmentally friendly water crossing alternative to all types of culverts, as they have minimal to no disturbance to the waterway during construction, and they allow full unrestricted passage of aquatic fauna. The InQuik CR370 bridge also has a reduced deck profile thickness of 370mm (47% less than the standard 700mm InQuik deck), in order to allow better water flow, particularly for flood events.

This Australian designed and manufactured bridge is suitable for the majority of truck deliveries and collections, and is a cost-effective solution to the challenges of "first mile/last mile" and farm gate/factory-to-market infrastructure.

InQuik's "place and pour" methodology means that the CR370 Bridge can be installed by semi-skilled labour over 2-3 days on-site. Pricing starts from $48,800+GST (6.4x4.8m deck, 1.0m high abutments). Each deck panel weighs just 2.4 tonnes, and is easily placed in position using a lightweight crane.

As well as council and farm projects, the InQuik CR370 bridge is perfect for golf courses, wineries, service roads, solar/wind farms, box culvert replacements and new land releases.

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Product	Span	Features
InQuik CR370	• Effective span: 6.4m • Clear span: 5.5m	• Width: 2.4–14.4m* • SM1600 load rating • Deck depth is 370mm

*All standard InQuik deck panels are 2440mm-wide, and are placed side-by-side with ~40mm overlap between the deck panels (eg: a bridge that is 2 panels wide would therefore be 4.84m in width. Can also use up to 550mm extension spacers between the deck panels to widen the deck width.

The InQuik bridge system is an innovative Australian designed and manufactured product with huge benefits for key Council and Federal Government projects**. The InQuik solution reduces cost and complexity, and accelerates the bridge construction process. This enables Governments, Councils, disaster relief agencies, landowners and road authorities to upgrade or construct infrastructure cost-effectively and efficiently.

InQuik manufacturing is based out of Newcastle, NSW, it is made with Australian steel, and is certified by the Snowy Mountains Engineering Corporation (SMEC) to comply with AS5100 requirements.

***Roads to recovery, bridges renewal program, Fixing Country Bridges, black spot program, funding for local roads, building better regions fund, regional growth fund, community development grants program, etc.*









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