



Rhino

STRUCTURES

FARM BRIDGES

V1.0 2023

▶ FARM BRIDGES BUILT TO TAKE IT!

Introducing a range of new farm bridges that have the legacy of Rhino Structures in their DNA: they're big, tough, and made to last.

The Rhino 4.5T Bridge is ideal for use with utes, pick-ups, light trucks, and other farm machinery up to 4.5 tonnes, such as light mowers, quad bikes, moving of stock with safety and other day-to-day farm tasks. It's ideal for placing over small rivers and washouts to give access to your whole farm, and reasonably quick to install.



The Rhino 24T Bridge is the 4.5T's big brother in every way. With a load capacity of up to 24 tonnes this is the bridge for farmers moving stock by truck, using heavy machinery to clear the hill country, or building roads to get to previously inaccessible parts of the farm that cross bigger water courses. The 24T is also perfectly suited to parts of New Zealand where worsening weather conditions are becoming the norm.



All our bridges are fully engineered and certified, and arrive in one simple kitset, ready to be installed and open access for you. Installation is easy too – no specialised heavy equipment is needed, and every bridge is designed for strength and durability, offering you years of trouble-free use.

Rhino Bridges are an economical option too, adding to the value of your farm or small holding.

Besides these two bridges, we also offer bridges in purpose-designed sizes and strengths. Examples of smaller bridges include:

- 3m x 8m – 2.5t per axle
- 3m x 6m – 1.5t per axle
- 3m x 4m – 1.5t per axle

Just get in touch with your measurements and requirements, and a photograph of the area you'd like to span, and we'll get back to you with options and prices.



FAQ'S

CAN I INSTALL MY RHINO BRIDGE MYSELF?

You sure can! Assuming good ground conditions and good access to both sides of the crossing, access to a digger and the banks being roughly level with each other, installation should take three to four days for a 4m span. Of course, if you need anchor piles at each end you should make allowance for this and concreting in your timeline and budget too.

HOW DO I KNOW IF THE GROUND IS GOOD ENOUGH?

It's not a bad idea to get a local engineer in to take soil samples and verify that the ground is good to build on ("Good Ground" as defined by NZBC). If the ground isn't verified as good, we can still get our engineers to design a bridge for you.

WHAT'S INCLUDED IN MY RHINO BRIDGE KIT?

- Bearers and supports for the bearers.
- Decking and running boards.
- Kerbing or side fences.
- All fixings.
- 2 x durable bridge signs as required by law.
- Plans and drawings and an engineering/ producer statement.

DO I NEED COUNCIL CONSENT FOR MY RHINO BRIDGE?

Rhino engineered bridges are specifically designed for use on private property for private use, not public roads, or public use. However, from time-to-time consents are required, dependent on various circumstances. We can assist with this – just talk to us about it.

WHAT SHOULD I CHECK BEFORE I GET IN TOUCH?

A quick check of the following will help you be sure that you have chosen the right crossing for your bridge:

- Banks of "good ground", free from flood damage and scouring, and well vegetated.
- Bottom of the proposed bridge to be able to be sited at least 400mm above high water/ flood levels, or high enough to ensure that in a flooding event, debris will not damage the bridge.
- Access to both side of the waterway.

OUR PROCESS



Sales Team

Work alongside our sales team to get an approved design and quote.



Plans Drawn

We get our design team to draw up plans. The plans are approved by an engineer who issues a PS1.



Delivery

Bridge delivered to site as kit or pre-constructed.



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