



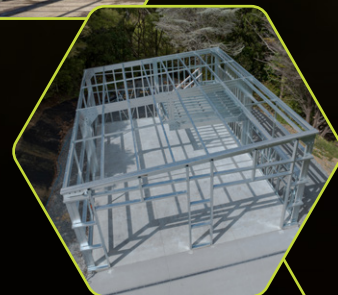
X-CALIBR™

Roll-formed Structural Systems

X-CALIBR™ redefines
structural steel with versatile
roll-formed technology.



Central Steel Framing



Introducing X-CALIBR™

X-CALIBR™ provides a faster, more accurate and cost effective way to build wide-span buildings and portal framing.

Where traditional steel beams can be slow and expensive to manufacture and install, X-CALIBR™ uses modern roll-forming technology. Its modular approach allows for effortless scaling from small buildings to large industrial complexes, and streamlines construction to improve your bottom line.

When it comes to achieving budget-friendly builds without sacrificing quality, X-CALIBR™ is your unfair advantage.

- **Completely prefabricated**
Components are prefabricated offsite to millimetre accuracy.
- **Versatile configurations**
Configure rafters, beams, columns, purlins, windposts, girts and more.
- **Less effort**
No drilling, cutting, welding, cleaning, painting or measuring onsite required.
- **Easy to integrate**
Can be integrated with structural steel or timber framing or used as a complete portal structure.
- **Lower material costs**
Achieve the same strength with less steel.
- **Install in hours**
With lightweight, prefabricated components, you can complete most portal installations in hours, not days.
- **Less labour**
Requires a small crew and minimal machinery, reducing labour costs and improving site safety.

Applications – Commercial, Industrial & Primary Industries

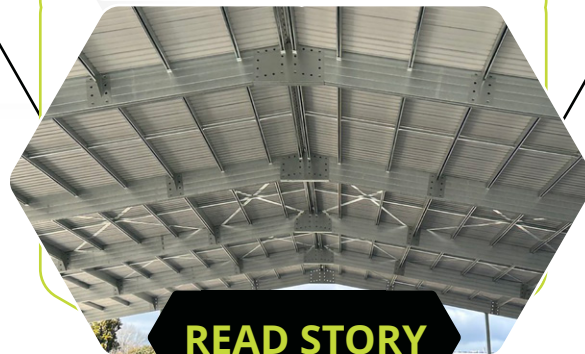
- Rafters, beams, columns, purlins and girts can be supplied separately or as complete portal structure
- Warehouses
- Distribution centres
- Workshops
- Cantilevered or conventional canopies
- Agricultural structures
- for storage, feed pads or bunkers
- Available as full portal structure, integrated with structural steel or integrated with timber framing
- Ideal solution for large buildings on soft ground where a lightweight structure is essential

X-CALIBR™ Projects

Tokoroa Industrial Building

Manufactured offsite in days
Portals installed in just over 4 hours
44m long x 25m wide

- The rafters, columns, purlins and girts were manufactured in just days with pre-drilled holes
- No cutting, drilling, welding or measuring was required onsite
- Components were then transported directly to site
- Excellent strength to weight ratio of X-CALIBR™ made handling and installation simple
- Portal installation was completed in just over 4 hours (not 4 days) with a crane and access lifting platform.



READ STORY



READ STORY

Rollforming Services Cantilevered Canopy

Manufactured in 2 hours
Installed in 3 hours *
24m long x 5.5m wide

- Superior strength to weight ratio of X-CALIBR™ allows this cantilevered canopy to extend over 5 metres
- Pre-assembled rafters with purlin hanger brackets, haunches and structural steel connection brackets were trucked to site
- Rafters were lifted into position, lined up with connecting brackets and secured via pre-drilled holes
- Purlins were dropped straight into hanger brackets

**not including roof*

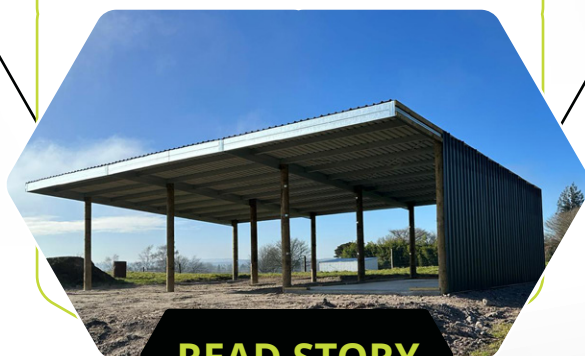
Matakana Shed

Manufactured in 3 days, including staircase
Floating mezzanine 4.45 x 6m area with 2.2m
ground clearance
12m long x 9m wide

- Rural shed with maximum space and minimal fuss
- X-CALIBR™ sections were manufactured by CSF then trucked to Matakana to be assembled as columns, rafters, purlins and girts
- Strength of X-CALIBR™ meant a unique, 4.45m x 6m floating mezzanine could be included



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Tokoroa Pole Shed

Manufactured in 2 hours
7m x 15m

- Versatility and lightweight strength of X-CALIBR™ meant it can be integrated into existing structures
- Rafters and purlins were prefabricated offsite, which reduced onsite installation time and waste
- They were transported to site where a small crew easily bolted them to existing round timber poles

ORDER X-CALIBR™ NOW

X-CALIBR™ delivers lower labour and material costs and exceptionally strong, high quality structures - benefitting your clients and allowing you to deliver more projects in less time. It is also made in New Zealand from high-quality NZ steel so you can be confident it will be delivered in full and on time.

To order, email or call and supply us with your project requirements.

E info@csf.nz

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X-CALIBR™

Roll-formed Structural System



**A legend on the
building site**



**Central
Steel
Framing**

centralsteelframing.co.nz