

TRIO Panel Formwork



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TRIO is a universal formwork system which places the highest emphasis on uncomplicated forming operations and the reduction of shuttering times.

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TRIO is the universal formwork system for all applications where the main focus is on reducing the shuttering times with conventional DW tie technology. With the BFD coupler for virtually all connections as well as many other practical system solutions, TRIO has successfully proven itself in countless projects around the world. TRIO can be used together with the more advanced MAXIMO panel formwork. A large range of accessories, such as the BFD Coupler or MXK Bracket System, can be used in both systems.

Easy and simple connections

with the BFD Alignment Coupler as the only component for all panel connections

Fast working operations

with only a minimum of panel widths as well as panels that can be used both horizontally and vertically

Large-area shuttering

with standard panels up to 3.30 m x 2.40 m – providing a high level of surface evenness and only 2 tie positions

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Technical Details

- Flexibly used panel formwork for fast working operations, compatible with MAXIMO panel formwork
- Panel heights up to 3.30 m, panel widths up to 2.40 m (standard system)
- Maximum permissible fresh concrete pressure: 80 kN/m²
- Can be used with DW 15 and DW 20 tie systems
- Flush, aligned and tight connections with the BFD Alignment Coupler – including filler timber compensations up to 10 cm
- Simple cleaning operations due to the powder-coated frame

Extended programme**TRIO Aluminium**

Lightweight formwork for crane-independent working; easily distinguishable by its yellow powder coating

TRIO Structure

TRIO panels with a free choice of formlining for special concrete surface requirements – supplied already pre-assembled

TRIO Housing

- Conically-shaped ties installed from one side on the ground
- Element with securely mounted working platforms and push-pull props
- Formlining screwed on at the rear

TRIO shaft element

With the TRIO shaft element, complete shaft internal formwork can be moved quickly; the all-round striking clearance is 30 mm.

MXK Bracket System

The MXK Bracket System serves as a working platform on MAXIMO and TRIO. The modular design and lightweight, manually-assembled system components ensure fast installation and a high level of costeffectiveness. In contrast to conventional solutions, the modular system provides pre-assembled individual components, e.g. the MXK Scaffold Deck or PROKIT PMB Side Mesh Barrier.

Do you have a project?

Contact us (<https://www.peri-usa.com/product-request.html?pname=TRIO%20Panel%20Formwork%20>)

Reference projects



> Capitol Hill Station, United States of America

System-based project solution saves time and money

(<https://www.peri-usa.com/projects/civil-engineering/capitol-hill-station.html>)



> Blue Lake Dam, Sitka, AK

Hydroelectric Dam Expansion in Alaska

(<https://www.peri-usa.com/projects/civil-engineering/blue-lake-dam.html>)



> Solitair Brickell, Miami, FL

Self-Climbing ACS Core 400 keeps cycle time low and crews on schedule

(<https://www.peri-usa.com/projects/highrise-buildings-and-towers/solitair-brickell.html>)

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Related products and services



> SB Brace Frame

Reliable load transfer for single-sided forming operations up to 8.75 m high

(<https://www.peri-usa.com/products/applications/formwork/wall-formwork/sb-brace-frame.html>)



> RS Push-Pull Props

A complete programme with extension lengths up to 14.00 m

(<https://www.peri-usa.com/products/applications/formwork/accessories/push-pull-props.html>)