Price of Bridge-type Formwork Support Scaffolding



Overview

Formwork Pricing Per m² Guide This blog will be providing the price range in dollars per m2 for all types of formwork, and material cost, labor cost, trans.

Key Takeaways

Bridge-type formwork support scaffolding typically costs between $60 and $120 per m² for steel systems, with timber and plastic options being lower, depending on project complexity and material choice.

Cost Overview

The price of bridge formwork support scaffolding depends on material type, project scale, and complexity. Common materials include timber, plywood, steel, and precast concrete, each affecting cost and reusability. For steel formwork, widely used in bridge construction due to its strength and durability, total costs range from $60 to $120 per m², including material, labor, shipping, and storage.

Timber formwork is cheaper, typically $50–$100 per m², but is less durable and suited for smaller or short-term projects. Plastic formwork is lightweight and easy to transport, costing around $6–$10 per m² in labor and $3–$5 per m² in shipping.

Factors Affecting Pricing



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Project Complexity: Bridges with varying pier heights, pylons, or box girders require customized scaffolding and formwork, which increases cost. Working Height and Load: Higher structures or heavy concrete pours need stronger props and shoring systems, raising material and labor costs. Site Conditions: Restricted access, public-facing areas, or occupied sites may require extra safety measures, inspections, and permits, adding to the total cost.

Reuse Potential: Steel formwork can be reused over 50 times, reducing long-term costs, whereas timber has limited reuse. Hire vs Purchase: Renting scaffolding for short-term projects may be more economical, while purchasing is cost-effective for long-term or multiple projects.

Practical Considerations

Bridge formwork systems often include automatic climbing or modular scaffolds to handle variations in geometry and height, ensuring safe and efficient concrete placement. Companies like TECON, ULMA, and PERI provide pre-assembled, material-optimized systems that can reduce labor and project duration while maintaining safety standards. In summary, for a typical bridge project, expect steel formwork scaffolding costs of $60–$120 per m², with additional charges for labor, transport, and site-specific requirements.

Timber and plastic options are cheaper but may be less suitable for high-load or long-term bridge construction.

Article Content

Formwork Pricing Per m² Guide

This blog will be providing the price range in dollars per m2 for all types of formwork, and material cost, labor cost, transportation, and storage costs will feature highly in assessing the

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Scaffoldings & Formworks

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Nippon Scaffoldings and Formworks Corporation (NSFC) has a wide array of formworks, scaffolding products, and accessories both for sale and for rent. NSFC is a steel manufacturing company that

Adjustable Slab and Wall Concrete Formwork Props For Sale

Formwork Props Formwork props are height-adjustable steel or aluminium prop jacks that support formwork systems in slab and wall formwork construction. They are modular scaffolding materials

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Types of MSS: Overhead and Underslung Movable Scaffolding System (MSS) can be classified into two main types based on the positioning of

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H20 Beams

H20 beams are timber beams with a 200mm height and 80mm thickness used for formwork support. Ask us for a Price Now.

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The document provides a price list for various formwork materials used in construction projects in the Philippines. It lists prices in Philippine Pesos for items like phenolic boards, aluminum

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This document is for preliminary research. Verify specifications against current standards, product documentation and project requirements.

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