



## Steel Panel Bailey Bridge Galvanized Heavy Load Long Span Extra Wide 4.2m

### Our Product Introduction

#### Basic Information

- Place of Origin: China
- Brand Name: Tongkai
- Certification: ISO, EN1090, SGS, CIDB
- Model Number: ZB200/TK200/TKB450
- Minimum Order Quantity: 1 set
- Price: 1200USD ~2000USD/ton
- Packaging Details: Nude and Steel case
- Delivery Time: 15~45days
- Payment Terms: L/C, T/T, Western Union, MoneyGram
- Supply Ability: 3000/month



#### Product Specification

- Material: S460J0, S355JR, S355J0, Gr65, Gr50
- Net Width: 3.15m, 3.6m, 4.2m, 7.35m
- Load: HA, HB, HA+20HB AASHTO HL-93, HS35-44
- Footway: 1m, 1.2m, 1.5m
- Surface Finish: Painted Or Galvanized
- Ramp: 6m, 9m, 12m
- Surface: Galvanized
- Deck: Anti Skid Steel / Aggerate
- Highlight: Long Span Extra Wide Bailey Bridge, Heavy Load Bailey Bridge, Steel Panel Bailey Bridge



#### More Images



## Product Description

### Panel Bailey Bridge Double lane Steel bridge Galvanized S460J0 Heavy Load Long Span

#### Product Description:

A special, extremely lightweight type of modular bridge is the panel bridge, a robust modular bridging system that consists of fixed-sized interchangeable panels to form the core of the construction.

The panels are single elements which are welded together to form a latticed framework. Each panel is 2.15m high and 3.048m long. Combining multiple panels in different configurations forms the required trusses for spanning gaps and valleys. The bridge adapts easily to different spans, deck widths (single or double lanes) and traffic loads. For higher loads, special truss arrangements are available.

The cross members are also standardized and available in road widths of 3.15m, 4.20m and 7.35m.

This standardization makes possible an exceptionally short delivery time and very quick construction, because each element is produced for stock and can be delivered on demand within days.

It is usually provided with steel decking. The standard deck finish is a chequer plate finish, which consists of a raised steel pattern stamped into the surface of the deck. If required, they can also be supplied with an anti-slip coating. All structural components are hot dip galvanised to ensure long-term safety and quality.

#### Features:

Extremely simple and robust erection concept allow for exceptionally quick construction

Short training period for personnel

Modular construction enables the simple adaptation to different spans, road widths and volumes of traffic.

Very lightweight components

Simplified logistic processes

Use of fully standardized panels

High-strength steel and a system height of 2.15 metres gives a high load capacity

All components are galvanized to protect against corrosion

Welds are all-round welds which make them water-tight

If warehoused, spans of up to 80 meters can be delivered and erected within days to respond to emergencies and disasters.

#### Technical Parameters:

Technical Parameters	Options
Brand	Tongkai Bridge
Product Type	Bailey Bridge, Panel Bridge System
Surface Finish	Painted, Galvanized
Net Width	3.15m, 3.6m, 4.2m, 7.35m , 10.5m
Lane	Single lane 3.15m~4.2m, Double Lane 7.35m, Three Lane 10.5m
Deck	Anti-skid aggregate
Span	Up to 81m
Color	Green, Grey, Orange, Red
Footway	1m, 1.2m, 1.5m
Load	HA, HB, HA+20HB, AASHTO HL-93, HS35-44
Ramp	6m, 9m, 12m
Material	S460J0, S355JR, S355J0, Gr65, Gr50

#### Applications:

Emergency situations: When natural disasters like earthquakes, floods or landslides damage infrastructure, Bailey Bridges can quickly and easily be assembled to restore connectivity.

Military operations: For military purposes, the bridge can be used to cross rivers, valleys, or other obstacles in order to establish

communication and troop movements.

Construction sites: In construction sites, Bailey Bridge can be used to provide temporary access to materials, equipment, and personnel, or to create a bypass for vehicular traffic during roadworks.

Public events: For temporary events like concerts, fairs, or sports competitions, Bailey Bridges can be used to create pedestrian walkways or to provide safe access to the event area.

Tongkai's Bailey Bridge is available in different models, such as the ZB200, TK200, TKB450,TKD450, and is certified by ISO, EN1090, SGS, and CIDB. The bridge is made in China and has a minimum order quantity of 1 set, with a price range between 1500USD and 2000USD per ton. The payment terms are L/C, T/T, Western Union, or MoneyGram. The supply ability is 3000ton per month, and the delivery time ranges from 15 to 45 days. The packaging details include nude and steel case options.

The Bailey Bridge deck has an anti-skid aggregate finish, and the footway can be 1m, 1.2m, or 1.5m wide. The ramp can be 6m, 9m, or 12m long. The lane width can be single lane (3.15m to 4.2m), double lane (7.35m), or three lanes (10.5m). The surface finish can be painted or galvanized.

Other names for Bailey Bridge include Acrow Bridge and Mabey Bridge. Tongkai's Bailey Bridge is a reliable and versatile solution for various occasions and scenarios, providing safe and sturdy crossings for people, vehicles, and equipment.

## Support and Services:

Our Bailey Bridge product comes with comprehensive technical support and services to ensure that our customers can fully utilize the product's capabilities. Our technical support team is available to assist with any inquiries or issues related to the product's design, installation, and maintenance.

We also offer training services to provide customers with the knowledge and skills necessary to operate and maintain the Bailey Bridge product effectively. Our training sessions cover various topics, including safety procedures, installation techniques, and maintenance best practices.

In addition, we provide repair and maintenance services to ensure that the Bailey Bridge product remains in top condition throughout its lifespan. Our team of experienced technicians can diagnose and repair any issues promptly, minimizing downtime and maximizing the product's performance.

## Packing and Shipping:

Product Packaging:

The Bailey Bridge comes in parts and is packaged in steel crates or wooden boxes for safe transportation. The parts are labeled and separated to make assembly easier for the customer.

Shipping:

The Bailey Bridge is shipped via container ships or flatbed trucks depending on the buyer's location and order size. The customer will be provided with a tracking number and estimated delivery date once the product has been shipped.

## FAQ:

Q: What is the brand name of the Bailey Bridge?

A: The brand name of our Bailey Bridge is Tongkai.

Q: What are the model numbers available for the Bailey Bridge?

A: We offer ZB200, TK200, and Compact 200 as our Bailey Bridge model numbers.

Q: What certifications does the Bailey Bridge have?

A: Our Bailey Bridge is certified by ISO, EN1090, SGS, and CIDB.

Q: Where is the Bailey Bridge manufactured?

A: Our Bailey Bridge is manufactured in China.

Q: What is the minimum order quantity for the Bailey Bridge?

A: The minimum order quantity for our Bailey Bridge is 1 set.

Q: What is the price range of the Bailey Bridge?

A: The price range for our Bailey Bridge is between 1500USD to 2000USD per ton.

Q: What are the payment terms for the Bailey Bridge?

A: We accept L/C, T/T, Western Union, and MoneyGram as the payment terms for our Bailey Bridge.

Q: What is the supply ability of the Bailey Bridge?

A: Our Bailey Bridge has a supply ability of 3000 sets per month.

Q: What is the delivery time for the Bailey Bridge?

A: The delivery time for our Bailey Bridge ranges from 15 to 45 days.

Q: What are the packaging details for the Bailey Bridge?

A: Our Bailey Bridge is packaged in nude or steel case.



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