

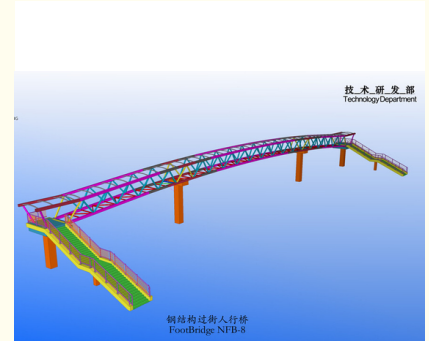


Steel Pedestrian Bridge Steel Footway Bridge Long Span Heavy Load Long Span

Our Product Introduction

Basic Information

- Place of Origin: China
- Brand Name: Tongkai
- Certification: ISO, EN1090, SGS, CIDB
- Model Number: TKPD
- 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: 1m, 1.2m, 1.5m, 2m, 3m
- Load: 3.5Kn/m², 5Kn/m²
- Surface Finish: Painted Or Galvanized
- Surface: Painted Or Galvanized
- Deck: Anti Skid Steel / Aggerate
- Highlight: Heavy Load Steel Pedestrian Bridge, Long Span Steel Pedestrian Bridge, Long Span Steel Footway Bridge



More Images



Product Description

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Introduction:

Pedestrian bridges or footbridge has mainly a purpose that allows people to walk over the bridge. The aesthetic considering harmony with the surrounding environment is an important factor in this type of bridge. Since that, the shape of the bridge is getting slender and aesthetic. And also the footbridge generally has a narrow carriageway and lightweight itself. Those characteristics make a high possibility happen the vibration on the bridge. Especially, if the frequency of walking is equal to the natural frequency of the bridge, it makes resonance phenomena. This resonance phenomenon causes a higher amplitude of vibration, which can influence the safety of pedestrians.

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	Pedstrian Steel Bridge
Surface Finish	Painted, Galvanized
Net Width	1m, 1.2m, 1.5m, 3m, 4m;
Deck	Anti-skid steel deck or aggregate
Single Span	Up to 80m
Color	Green, Grey, Orange, Red
Material	S460J0, S355JR, S355J0, Gr65, Gr50

Types of Pedestrian Bridges

Understanding the different structural bridge types will help make sure the bridge fulfills its purpose.
 Below are the 3 most common types of pedestrian bridges.

1 – Truss Bridges

Truss bridges can be built in almost any type of landscape and can range in size from 30 feet to 200 feet. Their design can accommodate pedestrians, cyclists, and vehicles. Truss bridges are an ideal solution for long-span bridges.

2 – Beam Bridges

Beam bridges, also known as girders, are ideal for shorter-span bridges. A side railing/handrail isn't structurally necessary for a beam bridge. You can add a rail for safety or aesthetic purposes.

3-Suspension Bridges

Suspension bridges are long-span bridges and require significant design and construction resources. These types of bridges usually take a few years to plan and build.



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