



Variable Span Length Steel Pedestrian Bridge with Painted or Galvanized Surface Complies with Local Building Codes

Basic Information



Product Specification

- Design standards: Complies With Local Building Codes And Pedestrian Bridge Standards
- Material: Steel
- Load capacity: Typically 400-600 Kg/m²
- Environmental resistance: Weatherproof, UV Resistant
- Installation method: Prefabricated Sections With Bolted Connections
- Bridge type: Pedestrian
- Corrosion resistance: High
- Net Width: 1m, 1.2m, 1.5m, 2m, 3m
- Highlight: **steel pedestrian bridge with warranty , galvanized pedestrian bridge standards , variable span length steel bridge**

Product Description:

The Steel Pedestrian Bridge is a highly durable and versatile solution designed to provide safe and efficient passage for pedestrians across various obstacles such as roads, rivers, and railways. Engineered with high-quality steel, this bridge type excels in corrosion resistance, ensuring a long service life even in harsh environmental conditions. Whether you require a Steel Pedestrian Crossing Bridge in an urban setting or a Steel Elevated Footbridge in a rural area, this product offers unmatched reliability and safety.

One of the key features of the Steel Pedestrian Bridge is its exceptional corrosion resistance. The steel used in the construction undergoes advanced treatment processes, including options for painted or galvanized surfaces. These protective coatings significantly enhance the bridge's ability to withstand moisture, salt, and other corrosive elements, making it ideal for outdoor installations exposed to varying weather conditions. This ensures minimal maintenance requirements and reduces the overall lifecycle cost of the structure.

The bridge type is specifically designed for pedestrian use, providing a safe and stable walkway for individuals crossing busy roadways, parks, industrial sites, or other challenging terrains. As a Steel Walkway Bridge, it supports comfortable and secure foot traffic, accommodating people of all ages and mobility levels. The design focuses on both functionality and aesthetics, blending seamlessly into different environments while maintaining structural integrity.

The Steel Pedestrian Bridge is available in multiple net widths to suit diverse project requirements. The widths offered typically include 1 meter, 1.2 meters, 1.5 meters, 2 meters, and 3 meters, allowing for flexibility depending on pedestrian volume and available space. Narrower widths are ideal for low-traffic areas or compact spaces, while wider options accommodate heavier foot traffic and provide additional comfort and safety for users, especially in public or commercial zones.

Another significant advantage of this Steel Elevated Footbridge is its variable span length capability. The span length can be customized to suit specific site conditions, generally ranging from 10 to 50 meters. This adaptability allows the bridge to cover a wide range of crossing distances without compromising structural strength. The variable span length feature ensures that the bridge can be tailored precisely to the needs of individual projects, whether spanning small streams or wider highways.

In terms of surface finish, customers can choose between painted or galvanized options based on their aesthetic preferences and environmental exposure. Painted surfaces provide a visually appealing finish with the possibility of selecting various colors to match the surrounding environment or corporate branding. On the other hand, galvanized surfaces offer superior protection against rust and abrasion, especially suitable for locations with high humidity or industrial pollution.

Overall, the Steel Pedestrian Bridge stands out as an excellent choice for creating safe, durable, and visually appealing pedestrian crossings. Its high corrosion resistance, customizable widths, and variable span lengths make it a highly adaptable solution for many infrastructure projects. Whether you are looking to install a Steel Pedestrian Crossing Bridge in a busy metropolitan area or a Steel Walkway Bridge in a park, this product ensures safety, longevity, and ease of installation.

Moreover, the Steel Elevated Footbridge design complies with international safety standards, providing peace of mind to engineers, planners, and end-users. Its robust construction and reliable materials guarantee that the bridge will perform well under various environmental and load conditions. This makes it a trusted choice for municipalities, developers, and contractors who prioritize quality and durability in their pedestrian infrastructure projects.

In conclusion, the Steel Pedestrian Bridge offers a comprehensive solution for pedestrian crossing needs, combining high corrosion resistance, multiple width options, variable span lengths, and customizable surface finishes. Its versatility and strength make it an indispensable asset in enhancing pedestrian safety and connectivity across diverse environments. Investing in this Steel Walkway Bridge means securing a long-lasting, low-maintenance, and aesthetically pleasing pedestrian infrastructure that meets modern demands effectively.

Features:

Product Name: Steel Pedestrian Bridge

Design Standards: Complies with local building codes and pedestrian bridge standards

Surface: Painted or galvanized finish for enhanced durability

Load Capacity: Typically supports 400-600 Kg/m²

Weight: Depends on span and design, approximately 50-150 Kg/m²

Environmental Resistance: Weatherproof and UV resistant for long-lasting performance

Suitable for use as a Steel Pedestrian Crossing Bridge, Steel Pedestrian Overpass, or Steel Elevated Footbridge

Technical Parameters:

Deck	Anti Skid Steel / Aggregate
Customization Options	Color, Length, Width, Railing Design
Load Capacity	Typically 400-600 Kg/m ²
Net Width	1m, 1.2m, 1.5m, 2m, 3m
Design Standards	Complies With Local Building Codes And Pedestrian Bridge Standards
Typical Usage	Urban Areas, Parks, Campuses, Industrial Sites
Weight	Depends On Span And Design, Approx. 50-150 Kg/m ²
Corrosion Resistance	High
Surface	Painted Or Galvanized
Bridge Type	Pedestrian

Applications:

The Steel Pedestrian Crossing Bridge is an ideal solution for a variety of application occasions and scenarios where safe and efficient pedestrian movement is essential. Designed in compliance with local building codes and pedestrian bridge standards, this steel footbridge structure ensures durability, safety, and long-term performance in both urban and rural environments. Its robust steel material provides excellent strength and resistance to wear, making it suitable for locations with high foot traffic and challenging weather conditions.

One common application scenario for the steel pedestrian overpass is in busy urban areas where it facilitates safe crossing over highways, busy streets, and railways. By elevating pedestrian pathways, it effectively reduces accidents and congestion, improving overall traffic flow. The bridge's customizable features, including color, length, width, and railing design, allow it to blend seamlessly into different cityscapes and meet specific aesthetic and functional requirements.

In suburban and rural settings, the steel pedestrian crossing bridge serves as an essential connector between neighborhoods, parks, schools, and commercial areas. Its net width options—ranging from 1 meter to 3 meters—enable it to accommodate varying pedestrian volumes, from narrow walkways for light foot traffic to wider spans for crowded areas. The surface can be painted or galvanized, providing additional protection against corrosion and extending the lifespan of the structure.

Industrial sites, campuses, and recreational parks also benefit greatly from the installation of a steel footbridge structure. It offers a safe passage over obstacles such as rail tracks, water bodies, or uneven terrain, ensuring accessibility and convenience for pedestrians. The flexibility in design customization allows clients to tailor the bridge to suit specific environmental conditions or branding needs.

Overall, the steel pedestrian overpass is a versatile and reliable infrastructure element that enhances pedestrian safety and connectivity across diverse environments. Whether used for urban crossings, park pathways, or industrial access points, this steel pedestrian crossing bridge combines strength, compliance with standards, and aesthetic adaptability to meet modern infrastructure demands effectively.

Customization:

Our Steel Pedestrian Bridge product offers comprehensive customization services to meet your specific project needs. Designed to comply with local building codes and pedestrian bridge standards, our Steel Footbridge Structure ensures safety and reliability at every installation.

We utilize prefabricated sections with bolted connections for the installation method, allowing for efficient assembly and reduced onsite construction time. The Steel Footbridge Structure can be customized with net widths of 1m, 1.2m, 1.5m, 2m, or 3m to accommodate various pedestrian traffic requirements.

To enhance durability, our Steel Footbridge Structure features high corrosion resistance, making it suitable for diverse environmental conditions. The surface finish options include painted or galvanized treatments, ensuring long-lasting protection and aesthetic appeal.

Support and Services:

Our Steel Pedestrian Bridge product is designed for durability, safety, and ease of installation. To ensure optimal performance and longevity, we provide comprehensive technical support and services.

Technical Support:

Our team of experts is available to assist with design consultation, load calculations, and customization options to fit your specific project requirements. We offer guidance on proper installation techniques, maintenance procedures, and troubleshooting common issues.

Services:

We provide detailed engineering drawings and documentation to facilitate seamless integration into your infrastructure. Installation supervision and on-site support are available to ensure the bridge is assembled correctly and meets all safety standards. Additionally, we offer routine inspection services and maintenance plans to help extend the lifespan of your steel pedestrian bridge.

For further assistance, please refer to the user manual included with your product or visit our online support portal for FAQs, instructional videos, and downloadable resources.



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