



## Highway Guardrail M180 Hot Dip Galvanized W Beam 2.7mm Thickness

Our Product Introduction

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### Basic Information

- Place of Origin: China
- Brand Name: Tongkai
- Certification: ISO, EN1090, SGS,
- Model Number: M180
- Minimum Order Quantity: 1 set
- Payment Terms: L/C, T/T
- Supply Ability: 10000t/m



### Product Specification

- Weight: 49.5kg
- Standard: AASHTO M180
- Surface Treatment: Hot Dip Galvanized
- Material: Steel
- Installation Method: Bolted
- Section Shape: W-beam
- Applicable Road Type: Highway
- Thickness: 2.7mm
- Size: 4320mm\*310mm\*85mm
- End Treatment: Fish Tail Or Bull Nose
- Zinc Coating: 550g/m2
- Highlight: **M180 highway rail guard,**  
**W Beam highway rail guard,**



### More Images



## Product Description

### Product Description:

The Highway Guardrail M180 is made of high-quality steel and is designed to withstand even the most severe impacts. The barrier is constructed using a unique design that allows it to absorb the energy of a collision and redirect the force away from the vehicle and its occupants. This design prevents the vehicle from crossing over into oncoming traffic or hitting other stationary objects, reducing the risk of serious injury or death.

The Highway Guardrail M180 is easy to install and requires minimal maintenance. This makes it an ideal safety barrier solution for highways, bridges, overpasses, and other areas where there is a high risk of accidents. The barrier is also highly visible, thanks to its reflective surface, which makes it easy for drivers to see even in low light conditions.

One of the key benefits of the Highway Guardrail M180 is its ability to reduce the severity of accidents. When a vehicle collides with the barrier, the impact is absorbed by the guardrail, which helps to slow down the vehicle and reduce the risk of serious injury or death. This is particularly important on highways and other high-speed roads, where accidents can be particularly severe.

The Highway Guardrail M180 is also highly cost-effective. It requires minimal maintenance and has a long lifespan, which means that it provides a reliable and cost-effective safety solution for many years to come. The barrier is also highly customizable, which means that it can be tailored to meet the specific needs of different roads and highways.

In conclusion, the Highway Guardrail M180 is a highly effective safety barrier solution that provides reliable protection for motorists on highways and other roadways. Its durability, effectiveness, and cost-effectiveness make it an ideal choice for any organization or government agency looking to improve roadside safety and reduce the risk of accidents. Whether you are looking for a solution for a highway, bridge, or overpass, the Highway Guardrail M180 is an excellent choice that will provide reliable protection for many years to come.

### Features:

Product Name: Highway Guardrail M180

Highway Crash Barriers

Roadway Railing M180

W-beam Guardrail System

Galvanized steel construction for durability and strength

Designed to prevent vehicles from leaving the roadway and protect against head-on and side impacts

Easy to install and maintain

Compliant with various safety standards and regulations

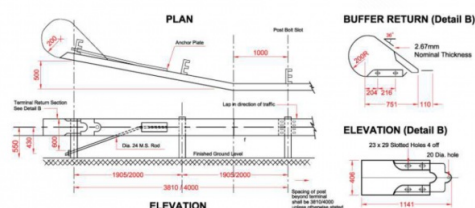
Available in different lengths and heights to fit different roadway configurations

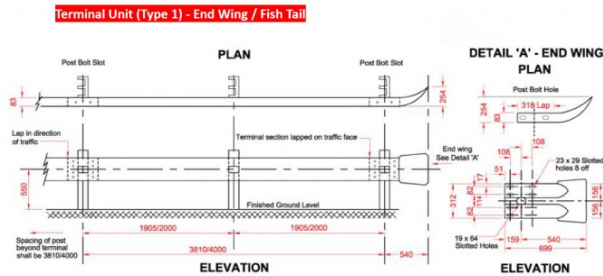
Can be customized with additional features such as reflectors and end treatments

### Technical Parameters:

| Product Attribute | Value                    |
|-------------------|--------------------------|
| Product Name      | Steel Safety Guardrail   |
| Application       | Roadside Safety Barriers |
| Type              | Highway Crash Barriers   |
| Material          | Galvanized Steel         |
| Length            | 4 meters or 6 meters     |
| Height            | 310 mm or 380 mm         |
| Thickness         | 2.7 mm or 3.0 mm         |
| Standard          | EN 1317 or AASHTO M180   |

Terminal Unit (Type 2) - Buffer Return





## Applications:

One of the primary application occasions for Steel Safety Guardrails is on highways and expressways. The fast-moving traffic on these roads poses a high risk of accidents, and it is crucial to have a reliable safety barrier system in place to protect motorists. Highway Guardrail M180 is designed to withstand high-impact collisions and effectively prevent vehicles from leaving the roadway. In addition to highways, Steel Safety Guardrails are also commonly used in urban areas, such as on bridges, overpasses, and pedestrian walkways. These areas are often congested and pose unique challenges for road safety. Road Protection Guardrails are an effective way to prevent accidents and protect pedestrians and motorists from harm.

Another application scenario for Highway Guardrail M180 is in industrial settings, such as warehouses, factories, and loading docks. In these environments, heavy machinery and equipment are frequently in use, and accidents can easily occur. Steel Safety Guardrails can help prevent accidents by creating a physical barrier between workers and moving machinery.

Finally, Steel Safety Guardrails are also an essential part of road construction and maintenance projects. During these projects, the road may be temporarily closed or rerouted, and it is essential to have a safety barrier system in place to protect workers and motorists. Highway Guardrail M180 is easy to install and can be quickly deployed to ensure road safety during construction projects.

## Support and Services:

Our Highway Guardrail M180 is designed to provide a safe and reliable barrier system to prevent vehicles from leaving the roadway. We stand by our product and offer technical support and services to ensure its proper installation and functionality. Our team of experts can provide assistance with:

- Installation guidance and support
- Custom design solutions to fit unique project needs
- Maintenance and repair services
- Product testing and certification
- Compliance with industry standards and regulations

We pride ourselves on delivering quality customer service and strive to provide timely and effective support to meet our customers' needs.

## Packing and Shipping:

**Product Packaging:**  
Steel highway guardrails are bundled in compact, easy-to-handle packages. The guardrails are secured with steel strapping to prevent shifting during transportation. Each bundle is labeled with the product name, size, and quantity for easy identification.

**Shipping:**  
Highway guardrails are shipped via truck or container, depending on the quantity ordered. Delivery times may vary depending on the destination and shipping method. Customers will receive a tracking number to monitor the status of their shipment.

## FAQ:

A: The M180 Highway Guardrail is made of high strength steel and is hot-dip galvanized for durability and corrosion resistance.

Q: What is the standard length of the M180 Highway Guardrail?

A: The standard length of the M180 Highway Guardrail is 12.5 feet or 3.81 meters.

Q: What is the height of the M180 Highway Guardrail?

A: The height of the M180 Highway Guardrail is 31.5 inches or 80 cm.

Q: What is the recommended post spacing for the M180 Highway Guardrail?

A: The recommended post spacing for the M180 Highway Guardrail is 6 feet or 1.83 meters.

Q: Does the M180 Highway Guardrail meet any safety standards?

A: Yes, the M180 Highway Guardrail meets the American Association of State Highway and Transportation Officials (AASHTO) M180 standard and the Federal Highway Administration (FHWA) requirements.



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