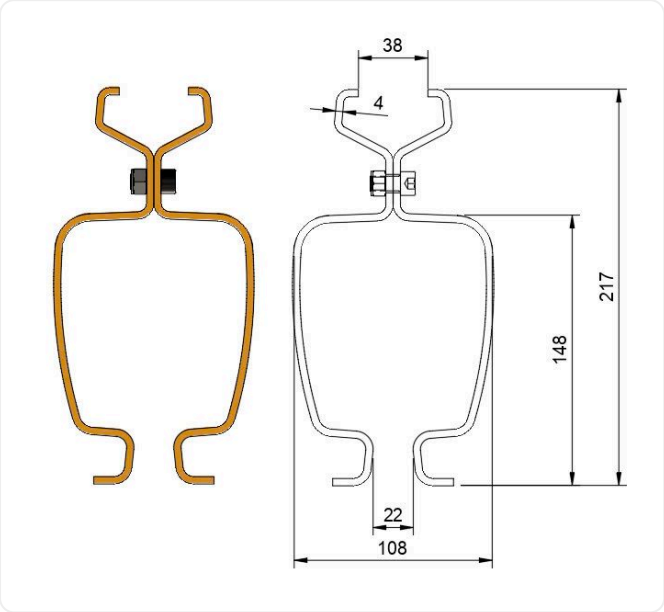
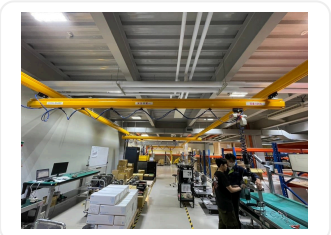
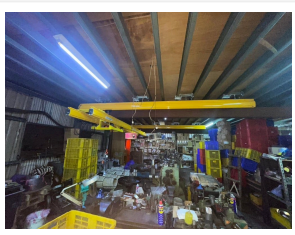
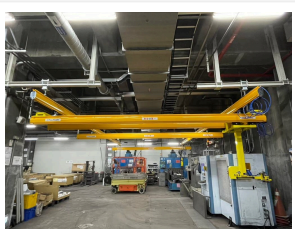
500 kg Steel Rail



The 500 kg steel rails are made from high-quality alloy steel for outstanding strength, corrosion resistance and service life. Thanks to their modular design, users can easily install, extend or reconfigure the system without complex on-site fabrication. The 500 kg steel rail system suits a wide range of applications, from automated production lines and warehouses to electronics and automotive component assembly areas… A wide choice of rails and accessories allows flexible design of hoist suspension systems, manipulators, handling equipment or automation to match actual requirements.

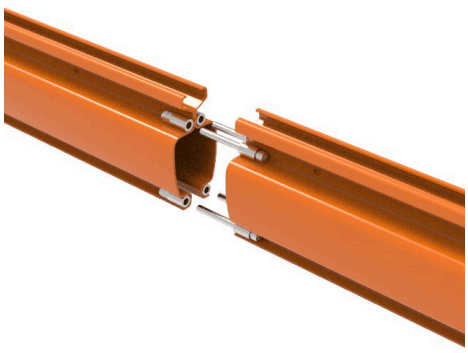

Specifications

Specification	
Material	Alloy steel
Rated load	500 kg
Runway rail length	Unlimited
Bridge rail length	8 m

Length	Weight
1000mm	19 kg
2000mm	39 kg
3000mm	58 kg
4000mm	78 kg
5000mm	97 kg

Length	Weight
6000mm	117 kg
7000mm	137 kg
8000mm	156 kg

Rail Joints and Trolley



Precision Rail Coupling

Precision Rail Joints

Chamfered rail ends allow fast, accurate assembly with no further adjustment. No tools or measuring are required. The smart joint design makes installation easy even in confined spaces. Precise alignment between rail sections lets the trolley run smoothly, with low effort and no noise. Rails can be installed from either end without turning the profile. The optimized design saves installation time.



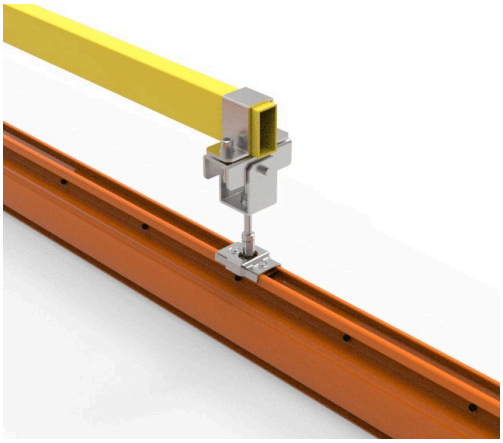
The Combination of Trolley and Rail

Trolley and Rail Combination

The trolleys are built for durability and smooth operation. They run quietly with very low rolling resistance and move easily. In addition, every rail is fitted with rubber buffers at both ends to absorb impact.

500kg Steel Rail Hanger Set

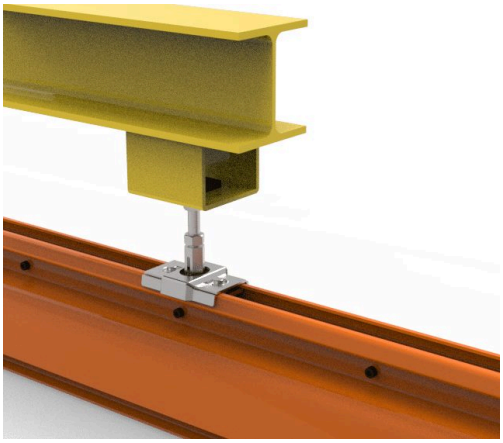
500-H-1

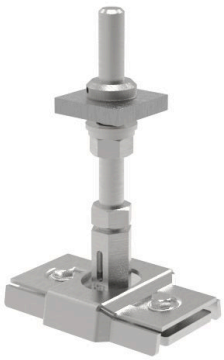




- height adjustable
- features a durable swing mechanism
- typically mounted on a 50x100mm box-section steel beam
- zinc-plated corrosion-resistant coating
- includes a safety cable for added protection

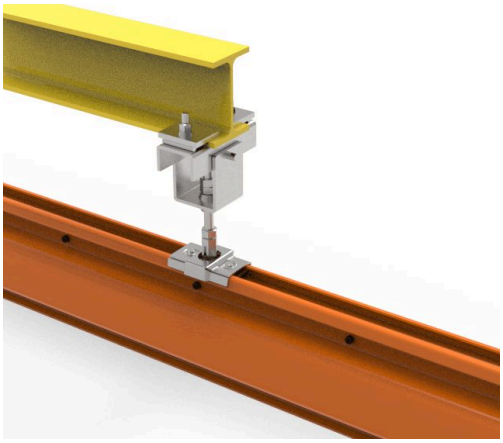
500-H-2

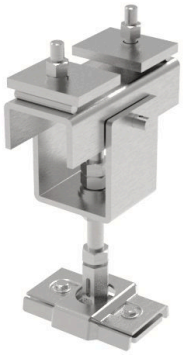




- height adjustable
- typically mounted on a pre-welded box structure on the longitudinal beam
- zinc-plated corrosion-resistant coating
- includes a safety cable for added protection

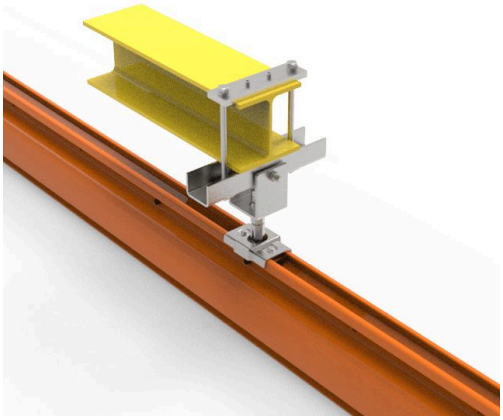
500-H-3

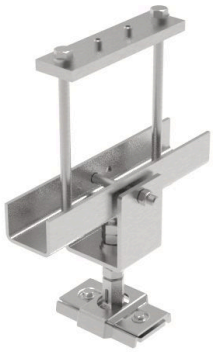




- height adjustable
- features a durable swing mechanism
- typically clamped onto an I-beam or H-beam 100-200mm wide
- zinc-plated corrosion-resistant coating
- includes a safety cable for added protection

500-H-4





- height adjustable
- features a durable swing mechanism
- typically clamped onto an I-beam or H-beam 100-200mm wide
- zinc-plated corrosion-resistant coating
- includes a safety cable for added protection

500kg Steel Rail Trolley

500-TR-1





- 500 kg lifting capacity
- PU plastic wheels
- used to suspend the horizontal rail
- corrosion-resistant coating

500-TR-1-B





- 1000 kg lifting capacity
- PU plastic wheels
- used to suspend a 3-meter horizontal rail with a 1-ton load
- corrosion-resistant coating

500-TR-2





- 500 kg lifting capacity
- PU plastic wheels
- Used to suspend a hoist or loads up to 500 kg
- corrosion-resistant coating

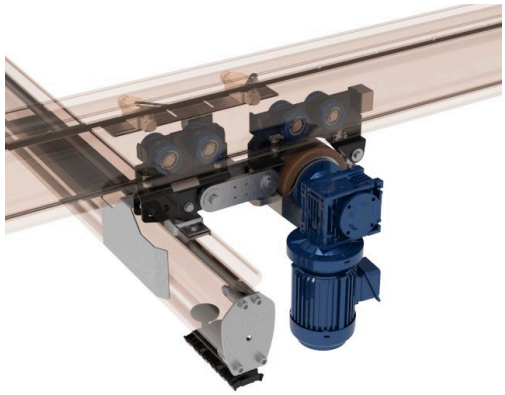
500-TR-2-B





- 1000 kg lifting capacity
- PU plastic wheels
- Used to suspend a hoist or loads up to 1000 kg
- corrosion-resistant coating

500-TR-1-E





- PU plastic wheels
- used to suspend the horizontal rail
- corrosion-resistant coating
- electric travel system with optional inverter
- includes travel end-stops at both ends of the rail

500-TR-2-E





- 500 kg lifting capacity
- PU plastic wheels
- typically used to suspend a hoist or heavy load
- corrosion-resistant coating
- electric travel system with optional inverter
- includes travel end-stops at both ends of the rail

500-TR-5

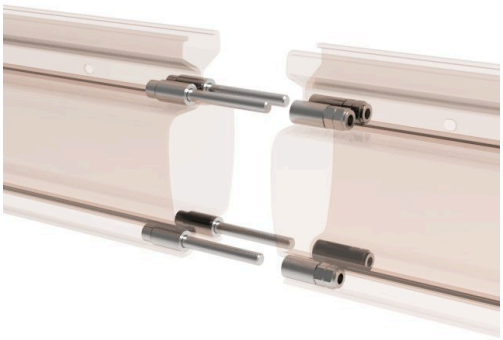


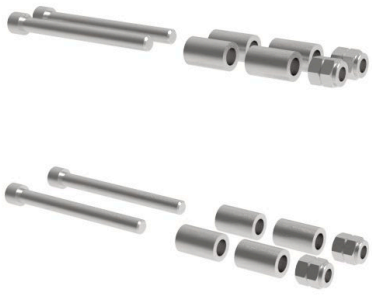


- smooth plastic design
- typically used to suspend PU air hoses or electrical cable loads
- spacing of 1 meter per set

Other 500kg Steel Rail Components

500-CN-1





- used to connect longitudinal rails together

500-CN-2



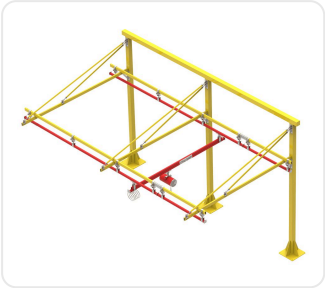


- end stop plates for the rail
- rubber shock absorber
- zinc-plated corrosion-resistant coating

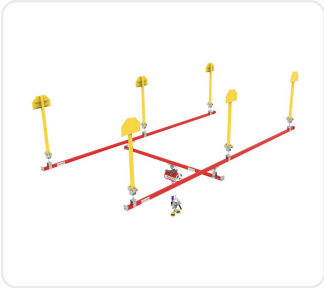
Compatible Support Structures



Freestanding frame



Single-side leg frame



Ceiling-mounted structure



Jib crane

Contact us for consultation and a quotation

Vietnam factory: Workshop A1-1, VSIP Hai Phong, Nam Trieu Ward, Hai Phong City · +84 817 888 198
Taiwan factory: Zhongli District, Taoyuan City · +886 3-451-8806
Email: sales@fullsharp.com.vn · **Website:** www.fullsharp.com

Specifications may vary with the ordered configuration. Please contact FullSharp for exact details.