



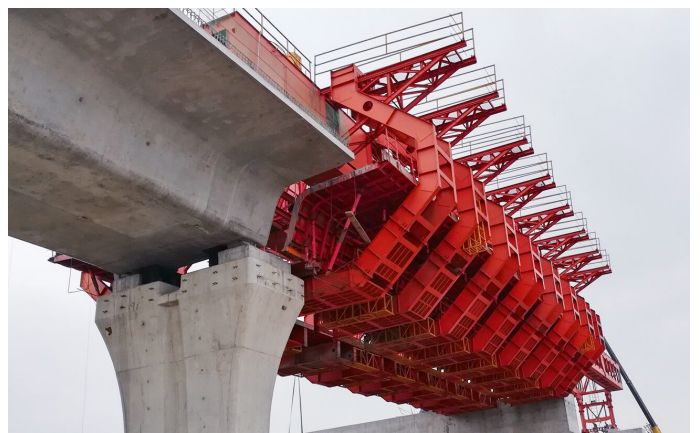
HUADA
BRIDGE ERECTION & ROAD MAINTENANCE

MSS

Movable Scaffolding System

Movable Scaffolding System

Huada Heavy Industry's system of operating is the Movable Scaffolding Systems, This system is designed as an Overhead or Underslung Systems which consist of a cost-effective Self Movable Formwork and Falsework System. MSS is modern equipment designed to reduce cycle time and manpower with safety being a paramount concern for all types of bridges designed with cast-in-situ methods of construction. Our MSS can be configured to many bridge cross-sections, including single, double, and even triple Box girder, U-section, T-section and more.



MSS is very useful when Segmental construction or other cast-in-place methods are not economical or are not possible.

MSS can be used for Double-T, Box girder or U-Shape bridges.

MSS become most economical when the bridges to be built are below 50 spans.

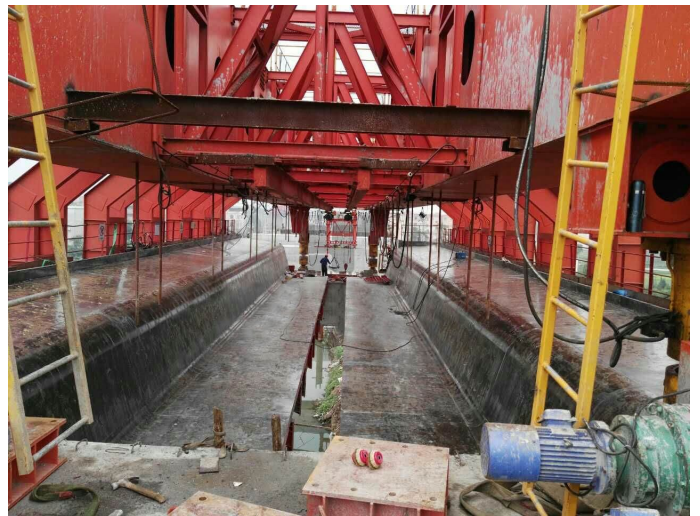
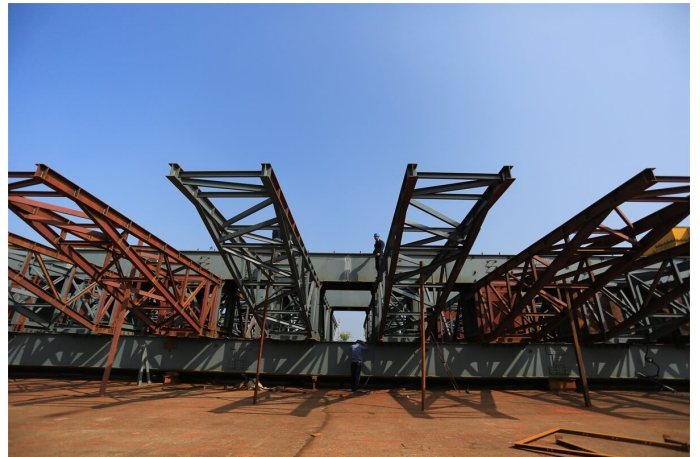
Overhead Movable Scaffolding System

Overhead MSS is very useful for building cast-in-situ bridges with low pier or varies atype of pier.

We supply steel formwork alternately timber and plywood sheeting formwork system can be used.

We supply mechanical formwork for internal forming if the client needs it.

We also supply special solution for double casting procedure on the Box Girder bridges which save times, equipment investments and labors.



Underslung Movable Scaffolding System



Underslung MSS has all the advantages similar to its overhead model, except that it gives additional users friendly feature by providing a clear space above the formwork.

MSS-S Series Under-Slung MSS is very useful when the bridge designed with monotype of pier; which is normally the case when the bridge is crossing river.

The Underslung MSS includes: a steel structure, working platforms and ladders, internal and external formwork and a set of hydraulic systems that allows operating the formwork, launch the MSS and transmit the reactions to the columns and deck already cast.



MSS Project

1000 Ton 60 M Overhead Movable Scaffolding System

Equipment Supplied:

1000 Ton overhead Movable Scaffolding System

Main Specifications:

Max. Span 60 M, 1000 Ton

Year: 2017



Heavy Duty 2 Sets Cost-effective 1500 ton Underslung MSS for Pakistan Project



Equipment supplied:

1500 Ton Underslung MSS

Client: China Construction Sixth Engineering Division Co., Ltd

Year of Manufacture: 2016

No. of Sets: 2 sets



900T Overhead MSS export to India



900T Overhead Movable
Scaffolding System Bridge
Construction

Capacity: 900T

Span: 32M

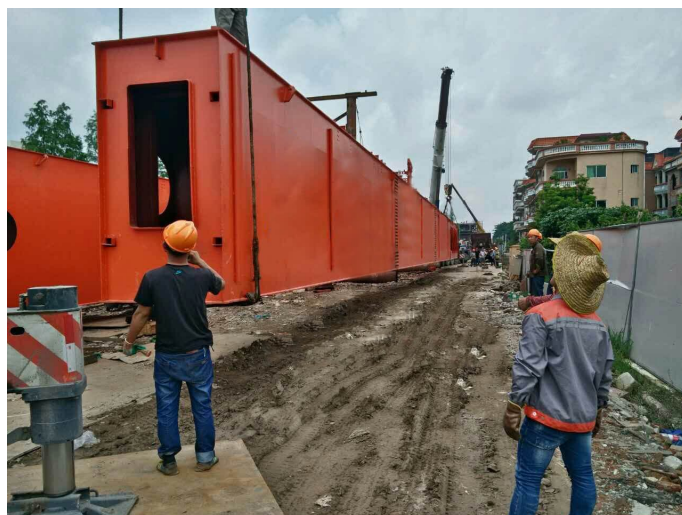
Maximum longitudinal slope: $\leq 3\%$

Maximum Transverse slope: $\leq 2.5\%$

Our Advantages

Our MSS for cast-in-situ bridges can offer many cost-saving advantages to your bridge construction projects, through:

- Optimized design
- Ease of assembly
- Efficient operation
- Light weight
- Easy to commission
- Safety
- Cost effective
- Fast span construction



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