



HUADA
BRIDGE ERECTION & ROAD MAINTENANCE



FORM TRAVELLER

Form Traveller

Huada Heavy Industry Form Traveller System are used for Balance Cantilever (cast-in-situ post-tensioned) segmental construction method, and this system can be used for bridges such as free cantilever, cable stayed bridge and arched bridge.

The Formwork Traveller System can be designed as overhead or underslung type to adapt to many bridge cross-sections, including single, double or triple box girder, U, T section etc.

The Form Traveller System is highly flexible and allows efficient and repeated usage on bridges with different cross sections and a variety of casting lengths. Fully hydraulic as well as mechanical systems are built into the Form Traveller System, which ensure full precision control during construction of the bridge and operation of the entire system.



Overhead Form Traveller

Huada Heavy Industry Overhead Form Travellers are easier to be used compared with underslung model. And it is easier to be modified for future usage. Our Form Travellers are with good quality modular connection, designed for future modification and repeated usage for many years.

Erection of the traveler on the pier top can be as short as 1 week. All major parts join together by pin connection, which guarantee speedy erection and high accuracy design.



Underslung Form Traveller

Underslung Form Traveller have its main parts hang under the completed bridge hence providing a clear space above the formwork, which means prefabricated reinforcement cages can be install easily.

In certain cases, Underslung Form traveller provide the only solution which Overhead Form Traveller cannot give. For example on the construction of Arch for the Arch Bridge or when dealing with any slanting column structure or for certain Cable stay bridges.



Main Features

1. Cost effective
2. Light Weight equipment
3. Flexible Design
4. Minimum of Deflection
5. Rapid and Easy Commissioning



Form Traveller Project

Balance Cantilever Method Form Traveller

Characteristics

Working Slope: 3%

Maximum weight: 336 Ton

Own weight: 122 Ton

Year: 2010



Our Form Traveller is suitable for different types of bridge construction, it is not affected by the terrain, and it is relatively easy to operate. Buyers are highly appreciative of the flexibility and ease of use of Form Traveller.



Form Traveler is not replaceable by large bridge construction machinery. For example, on the construction of Arch for the Arch Bridge or when dealing with any slanting column structure or for certain Cable Stayed bridges.



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