



FORM TRAVELLERS

UNDERSLUNG SOLUTION

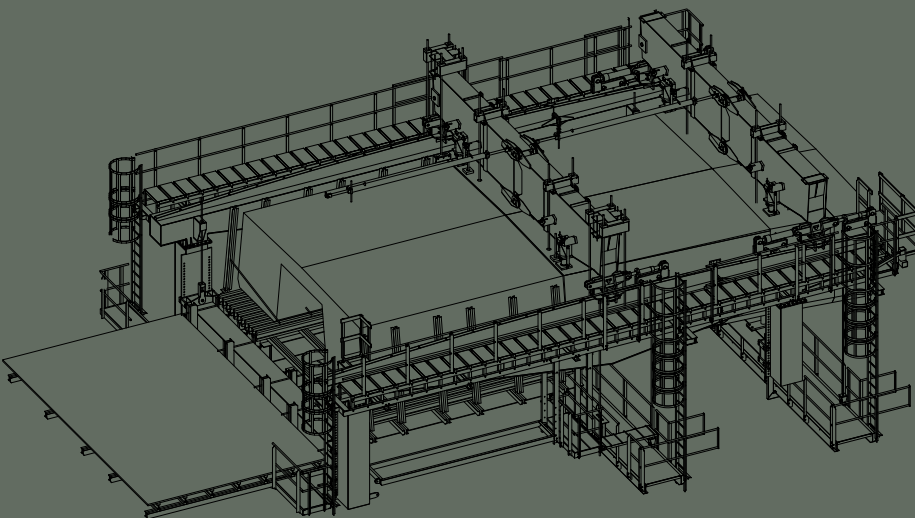


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The Underslung Form Traveller, as the Overhead one, is a temporary support structure supporting the weight of the bridge and viaduct deck segments cast in situ built by the cantilever method from the pierhead to the center of the span, and generally consisting of the following components: main steel structure, internal and external formwork for shape in situ the concrete segment, working platforms and ladders, anchor system to the previous casted segments and hydraulic equipment used to launch, level and adjust.



The formwork surfaces in contact with the concrete can be wood, film faced plywood, metal sheet or plastic plate, depending on the number of reuses envisaged and the concrete architectural requirements.



Where to use the Form Travellers?

The Form Travellers are used in the in situ construction of the concrete prestressed decks by the cantilever method.

These Form Travellers are especially suitable to cast concrete arches or cable stayed build decks, in the cases where the stay is in conflict with the main structure of the overhead Form Travellers.

AN ALTERNATIVE SOLUTION

The STRUKTURAS Underslung Form Travellers are an excellent alternative to the classical Overhead Form Travellers.

Ask us, we have the solution!



Special solutions:

- The Underslung Form Traveller can be adapted to different types of bridges, such as arches and stayed decks, leaving the free space to install the temporary or final stays, as to create the conditions to make an easy launch backwards to the initial assembling position.
- In cases where the rebar cage is pre-assembled, the STRUKTURAS Underslung Form Traveller is the perfect choice. The external formwork of this type of Form Traveller is suspended below leaving free space for installing the rebar cage.
- Pre-assembled rebar cage transport system. These systems can be tailor made to different types of rebar cages.

Our services include:

- tender stage quotation preparation
- design, fabrication, delivery and technical assistance to the new equipment
- rebuilt design regarding existing equipments delivered by us, for use in different conditions of the original

Ask for our reference list!



Mr. Aquilino Raimundo
Marketing and Sales Manager
Strukturas as
Clarksgt. 5, 3970 Langesund, Norway

Mobile (+351) 932 255 374
E-mail ar@strukturas.no
Web www.strukturas.com