



ALPINE

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The Formwork Experts.

Cantilever forming traveller

Formwork and shoring from one single supplier

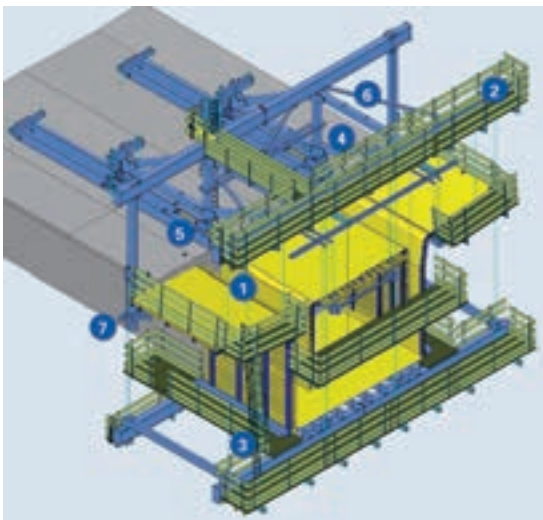
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Cantilever forming traveller

Fully rentable, and highly adaptable thanks to its modular design concept, the Cantilever forming traveller (CFT) provides safe, ergonomically optimised operations in every phase of the work, with no time-wasting, costly downtimes.



Tverlandsbrua, Norway



1. Optimum design match between traveller and formwork
2. Tie-rods can be positioned wherever needed, to optimise the bending moments
3. High level of workplace safety ensured by the working platforms plus integrated ladder system, from the Doka standard catalogue
4. Raised longitudinal truss creates space for optimum working conditions
5. Slide bearings prevent unwanted travelling on longitudinal gradients
6. Bracing is located around the outside, making it easier to lift in reinforcement steel, etc.
7. Easy to adapt to different box girder cross-sections



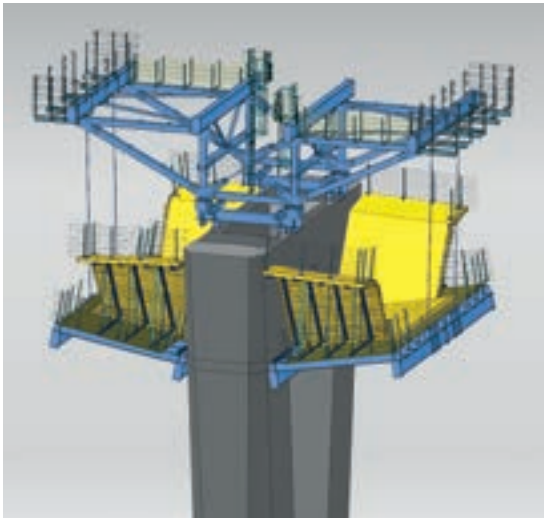
Danube bridge at Traismauer, Austria



Nitra Bridge, Slovakia

Pierhead solution

With its modular system, the Cantilever forming traveller (CFT) can also be used for forming pier-heads, even where there is only a small support area at the top of the pier.



Viaducto de Teror, Spain (3D graphic)



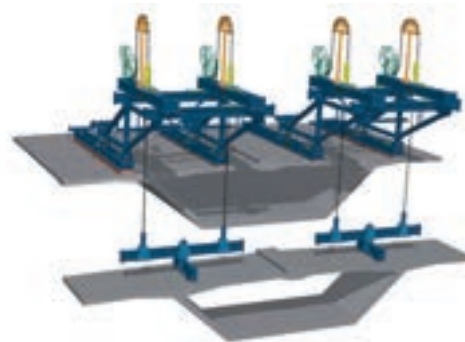
Viaducto de Teror, Spain

Lifting-in pre-cast concrete members

As well as for building cast-in-place bridges, the CFT can also be used for lifting and shifting pre-cast concrete members and steel segments. This versatility allows bridges to be built using either CIP, pre-cast or steel construction methods, all with a single system.



Small cross-section



Large cross-section with 2 CFTs

Formwork and shoring from one single supplier

The Doka cantilever forming traveller provides certainty regarding planning and costs while ensuring an optimum construction workflow. The perfect design match between the CFT's shoring structure and the formwork, its high standard of safety and its optimised workplace-ergonomic design together ensure that work can progress swiftly and safely.

Reduced costs

from having a rentable and precisely co-ordinated all-in-one solution

- because the equipment is rentable, it does not need to be pre-financed
- the small number of separate parts keeps site-erection times short
- easy-to-understand, ergonomically engineered system makes for fast repositioning and cycle times
- its modular components help it adapt flexibly to different geometries

Smooth project progress

because of the detailed co-ordination between the CFT and the formwork

- the all-in-one, single-sourced package means there are fewer interfaces to the superstructure designer
- project-specific Operating Instructions describe all work-steps in detail
- short delivery times thanks to rapid availability of standard system components
- time-savings thanks to ongoing support from experienced Doka Formwork Instructors

Safety at all times

in every phase of the work

- fully railed-in working platforms on all levels
- the CFT's anchorages are hydraulically test-loaded before every pour
- slide bearings secure the CFT against unwanted travelling on longitudinal gradients



Bridge over River Vltava, Czech Republic



Viaducto de Teror, Spain



Tisza Bridge, Hungary



More information at

www.doka.com/Cantilever-forming-traveller