

Cantilever forming traveller

Formwork and shoring from
one single supplier



Formwork & Scaffolding.
We make it work.

Cantilever forming traveller

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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 worksteps 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 enclosed 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



Dumanja Jaruga bridge, Croatia



Kutuctay Bridge, Peru

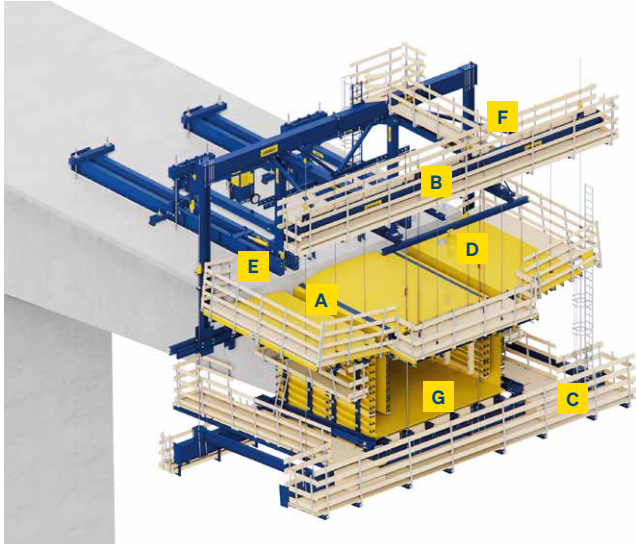


RA217 Nawaseeb-road, Kuwait

Configuration of Cantilever forming traveller

Innovative design and the highest safety standards

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.



- A** Optimum design match between traveller and formwork
- B** Tie-rods can be positioned wherever needed, to optimize the utilization
- C** High level of workplace safety ensured by access and working platforms
- D** Raised longitudinal truss creates space for optimum working conditions
- E** Slide bearings prevent unwanted travelling on longitudinal gradients
- F** Bracing is located around the outside, making it easier to lift in reinforcement steel, etc.
- G** Easy to adapt to different box girder cross-sections



Modular design concept

The longitudinal trusses can be variably positioned, which makes it easy to adapt the Cantilever forming traveller to variable-width or multi-cell cross-sections.



Fork solution on pierhead

The so-called fork solution allows that both Cantilever forming travellers can be positioned even if the hammer head length is short. The travellers are placed inside each other to save space.

Optimized Ergonomics and System Innovations



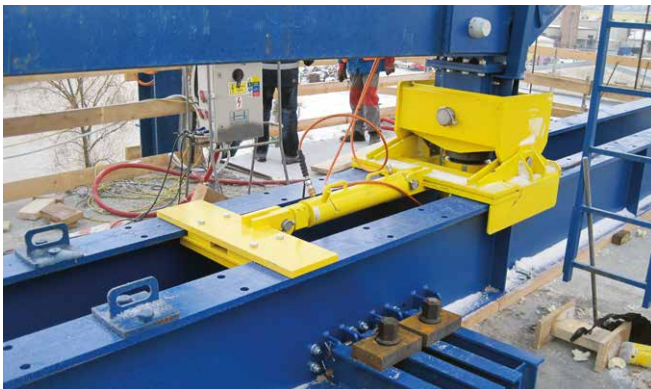
Optimised longitudinal trusses

- Ergonomically designed, with upward-extended longitudinal trusses for more headroom
- Horizontal pre-assembly, including ladder system and catwalk, is possible



Universal anchoring cross-beam

- The suspension rods can be flexibly positioned for adaptability to different bridge geometries
- Asymmetrical cross-beam configurations are possible where space is constricted due to e.g. neighbouring structures
- Broad working platform from which the suspension rods can be operated safely
- Pre-assembly is possible, incl. of platform



Innovative drive unit

- Permanent self-locking safety feature using slide bearings to guard against unwanted travelling, effective up to a longitudinal gradient of six percent
- Incorrect operation of this safety feature is impossible, as it is always active



Bracing located on outside

- Makes it easier and quicker to place reinforcement steel and concrete, by permitting unobstructed access from above



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www.doka.com/Cantilever-forming-traveller

