

# Construction of the Hochmoselbrücke Moseltal

**For Germany's largest bridge construction project, the formwork experts from Hünnebeck supplied the construction site with optimally coordinated formwork solutions.**

**Task:** Development of complex formwork solutions for the construction of a bridge

**Area of expertise:** Infrastructure

Client: Arge Eiffel Germany steel technology, Eiffage France & Porr Germany

**Project location:** Moseltal between Ürzig and Zeltingen-Rachtig (Germany)

**Key data Hochmoselbrücke:** 158 m height, 1700 m length

**Material:** SCF self-climbing formwork, MANTO, GF 20 large-area formwork, ES 24 element formwork, CS 240 L/ CS 240 H climbing scaffold

**Challenge:** Geometrically demanding pier construction

The efficient self-climbing formwork SCF, for example, was able to contribute to a fast and safe construction progress of the reinforced concrete piers. For the piers, the technical designers developed a solution based on the crane-dependent climbing system CS 240 – in this case a combination of twelve brackets CS 240 L (light basic version for vertical formwork) and four CS 240 H brackets, which can also be used for wall inclinations of  $\pm 30$  degrees with additional components. To produce the formwork for the abutment on the Hunsrück side, Hünnebeck supplied pre-assembled formwork elements of the stable element formwork ES 24 to the construction site, which were quickly erected on-site and ready for use. In combination with folding scaffolds, this formwork solution proved to be a particularly

efficient means to construct the abutment quickly.

This bridge construction site used special and standard formwork and was supported by Hünnebeck with a complete package of engineering planning, ready-to-use formwork solutions and practical on-site support by formwork supervisors. The comprehensive service also included that all special solutions were developed in-house and manufactured or prefabricated in the associated special formwork construction department.



## ► Kontakt

Phone +49 2102 9370

Email [info\\_de@huennebeck.com](mailto:info_de@huennebeck.com)

**HÜNNEBECK** 

BY BRAND) SAFWAY