

## **MULTIFORM**

**PRODUCT BROCHURE**



## Bridge deck Multiform



Road in Burgos, Spain

Multiform is a highly versatile system that adapts to a wide range of geometrical shapes for the construction of: Bridge decks, large thickness slabs and headers or platforms, bridges, underpasses and overpasses. A modular system consisting of elements that couple together easily and adapt to a variety of geometrical shapes due to their flexible configuration prepared by the corresponding technical study. If a board requires elevations, drops or forms a curve, the Multiform system provides these with great ease. All the elements of the Multiform Horizontal system have been designed to resist job condition and provide a long service life.



### Versatile

The Multiform system has been designed to adapt easily to complex geometrical shapes in the construction of bridges, underpasses and overpasses, while maintaining its reusable formwork feature.



### Modulable

The structure formed by the steel primary beams and the wood secondary beams allows configuration of the wall as regards the load it has to bear, thus optimizing formwork elements and costs.

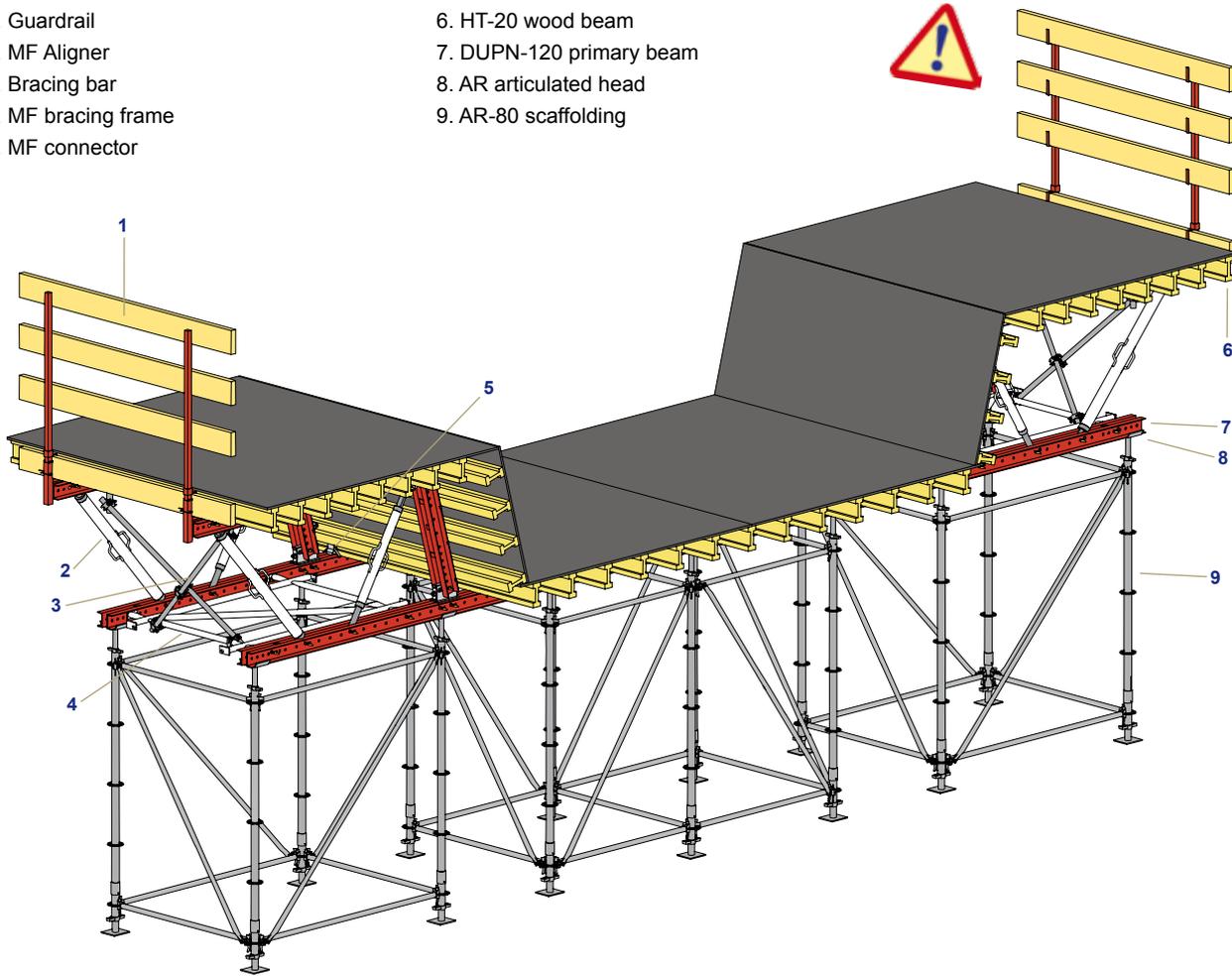


### High productivity

One of the design premises of the Multiform system has been to ensure high levels of rigidity once it has been assembled. This greatly enhances removal of formwork and later transfer to a new pouring site, providing high job productivity.

## Components

- 1. Guardrail
- 2. MF Aligner
- 3. Bracing bar
- 4. MF bracing frame
- 5. MF connector
- 6. HT-20 wood beam
- 7. DUPN-120 primary beam
- 8. AR articulated head
- 9. AR-80 scaffolding



### Simple assembly

The components of the Multiform system are easily assembled on the job using traditional tools. Assembly time is significantly reduced thanks to the Multiform-specific connector. This characteristic greatly reduces transportation and storage costs.



### Assembly with pins

The Multiform system is designed for fast assembly. The elements can be connected with pins to eliminate screw placing tasks.



### Connection gibs

These Multiform system elements connect the various components that are manufactured in various sizes so they adapt to any kind of project.