VICTOR BUYCK STEEL CONSTRUCTION

STEEL AT WORK

Turning bridge Port of Zeebrugge

Completed projects






Project type & location

Category: Road Bridge

Type: Bruggen

Function: Turning Bridge

Country: Belgium

Location: Zeebrugge

Tonnage: 1.800 ton

Client(s): Port of Zeebrugge (MBZ)

General Contractor(s): TM Artes Depret - Artes Roegiers - Victor Buyck Steel Construction - Agidens

Project start date: 01/01/2020

Project finish date: 31/12/2021

Project specifics

Turning bridge Port of Zeebrugge

This new bridge will replace the smaller movable bridge in the connecting dock of Zeebrugge and will, in addition to a better connection for port traffic, also make the inner port safely accessible for cyclists.

The bridge takes into account the heavy port traffic and the bridge will be able to rotate so that ships up to 55 meters wide can already pass through, thus already at the width of the new sea lock, which will be realized in Zeebrugge in the coming years. The design of the bridge is simple: I-shaped main beams and cross beams and an orthotropic deck. The bridge is made in its entirety in our workshops in Wondelgem, and after transport with a pontoon mounted during a blockage of the port traffic. This is foreseen in the fall of 2021.

The bridge has a total length of 400 m, with fixed bridges in concrete and with a movable steel swing bridge of 130 m in length. This makes this bridge the largest movable bridge in Europe!

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