

Lift of 2,200te Weight Gantry Crane Beam, Wismar, Germany.

Owner: MTW-Schiffswerft GmbH

Client: Pirson Montage



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Below right: close up of cantilever jack support arrangement and anchor connection beam at the top of the lift.

In the construction of a new shipbuilding hall at Wismar, Fagioli PSC was awarded the subcontract, by the main erection contractor Pirson Montage, to lift the complete twin beam of a Vulkan Kocks 800 tonne gantry crane from its ground level assembly position to a final height of 50 metres. The crane beams span 140 metres and weigh 2,200 tonnes.

The lift arrangement consisted of eight Fagioli PSC L600 jacks on cantilever beams on top of the gantry crane pier leg and shear leg. Each of the legs was guyed during their erection and the beam lifting process by Fagioli PSC strand jack guying systems.

Fagioli PSC were also contracted to lift fourteen 800-1000 tonne double trusses for the roof structure, and the main access doors for the new hall.

