

DOORS IN FULL-SERVICE

Niederfinow Ship's Hoist

The ship hoist „Niederfinow North, at the eastern end of the Oder-Havel-Channel, has been under construction since 2009 and is expected to start trial operation in 2020. Teckentrup developed a wide range of services which are specifically directed towards reducing the workload of the craftsmen involved in the construction of this mega-project. This includes sophisticated logistics as well as continuous technical advice.



The Task

The main structure of the ship hoist consists of four pylons, each with 16 floors. The administration and technical rooms are located there, the control station is located between two pylons. If the size of the hoist alone is impressive, the range of functions here is enormous. Correspondingly differentiated is the requirement profile for the doors, from a standard door to a multifunctional fire and smoke protection door. The advantage then is that everything is provided from one source and the client does not need to worry about the coordination of multiple partners.



The Solution

In Niederfinow everything comes „from a single source“ - and this goes far beyond mere delivery: Teckentrup convinces with its services and partnership-based support from planning to approval. The manufacturer often works closely with its customers, particularly in the field of fire protection.

The complicated standardisation system with its diverse requirements regarding fire/smoke protection, escape route planning and alarm systems requires a high level of expert knowledge. Especially in large projects like Niederfinow, this pays off. The product variety is particularly wide here - with multi-purpose doors, fire and smoke protection doors, often with further specifications and additional requirements such as disability-friendly construction (e.g. doors with swing door operator) and connection to the monitoring system. On-site consultation also includes assembly support.

In Niederfinow, for example, mixed frames are installed, as these best met the requirements for the clear passage width.

The installation team was glad to have the construction experts by their side. Because these customised solutions require a high level of technical understanding on the part of the installers and the on-site Teckentrup installation training helped a great deal to ensure that the installation went smoothly.

For the doors in the ship's hoist, the colour tone was bindingly specified: a special „waterway national blue“. Teckentrup is also a reliable partner for such design-oriented issues: the colour was available at the construction site for final painting and the installation teams were able to easily apply the special blue.

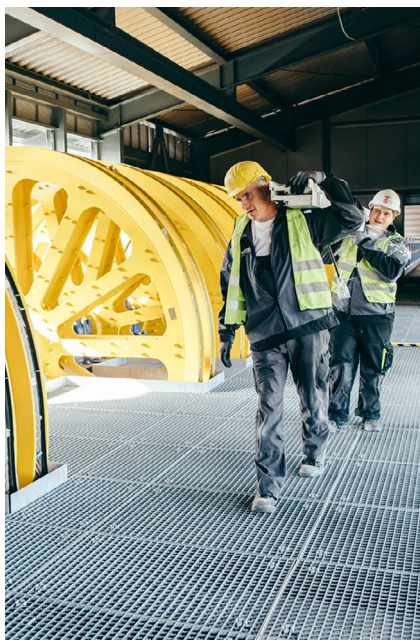
Partnership in a major project

Long gone are the days when the industry „only“ manufactured products and then sold them. Modern companies consider themselves as partners - and are involved at many points along the supply chain. This improves cooperation and increases profitability on both sides. The mega project „Niederfinow Ship's Hoist“ shows what this can look like in 2019. Here both sides benefit from an elaborated hand-in-hand concept.

It is particularly important for such large-scale projects that construction product manufacturers work closely with with the executing companies. Teckentrup demonstrates with tailor-made, customer-oriented services and sophisticated construction elements how such a partnership can be fulfilled in a modern way. The Niederfinow ship's hoist therefore is a blueprint for how the Teckentrup credo „Always the best solution - your solution“ can be implemented.



From the standard steel door to the special function steel door, the client relied on a single supplier - amongst other reasons because uniform final coating for all doors in the desired colour tone was no problem.



Planning with Service

An additional gain in efficiency is the new on-point delivery service: Components are no longer just delivered to a collection point on the construction site, but directly to the installation location. This disburdens the specialist fitters from the pure „carrying work“; they can concentrate on the demanding installation task. Teckentrup has set up a network of consultants across Germany to ensure that services are available quickly and easily, as regional proximity is important for fast and reliable cooperation.

On-point delivery service: Teckentrup did not just deliver the doors to a collection point, but right up to the point of installation. This way, the installation teams could concentrate on the installation of the doors.

The ship's hoist „Niederfinow Nord“, at the eastern end of the Oder-Havel-Channel, has been under construction since 2009 and is expected to enter trial operation in 2020. It will then replace the old ship lift, which after almost 90 years of „service“ can still be visited as an industrial monument. The new building stands directly next to the old work. As a „ship elevator“. It overcomes 36 meters of height difference between the highest and lowest section of the Havel-Oder waterway.

With a length of 133 metres and a height of 55 metres, the water way between Poland and the Netherlands opens for ship models with a length of up to 110 metres and a width of 11.45 metres.



One of the largest infrastructure projects for shipping is about to be launched: The new ship hoist is in Niederfinow/ Brandenburg.

Fact Sheet

Address	Hebewerkstraße 58 16248 Niederfinow, Germany
Development	BPR Dr. Bernhard Schäpertöns & Partner
Building Owner	Wasser- und Schifffahrtsdirektion OST, Wasserstraßen-Neubauamt Berlin
Customer	Implenia Construction GmbH, Berlin
Construction Period	2009 to approx. 2020
Doors	Teckentrup, Verl (approx. 330 pcs.)

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