



STEELWIND



NORDENHAM



A Passion for Monopiles!



DILLINGER 



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Company Profile

Steelwind Nordenham is a high-tech company of the Offshore Wind Industry and one of the worldwide leading manufacturers of Mega Monopiles and Transition Pieces.

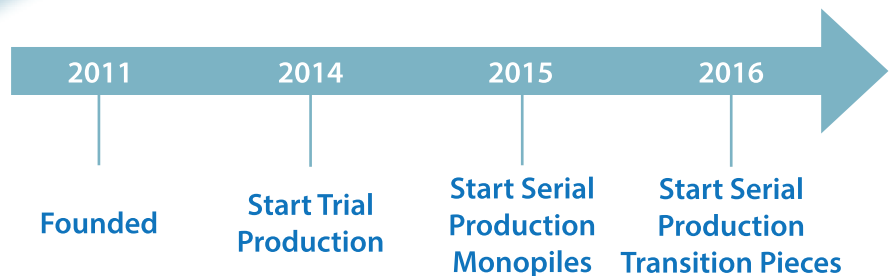
Since 2014 Steelwind is producing complete foundations for Offshore Wind Power Stations consisting of Monopiles and Transition Pieces at its Fabrication Yard in Nordenham/Germany with direct access to the North Sea.

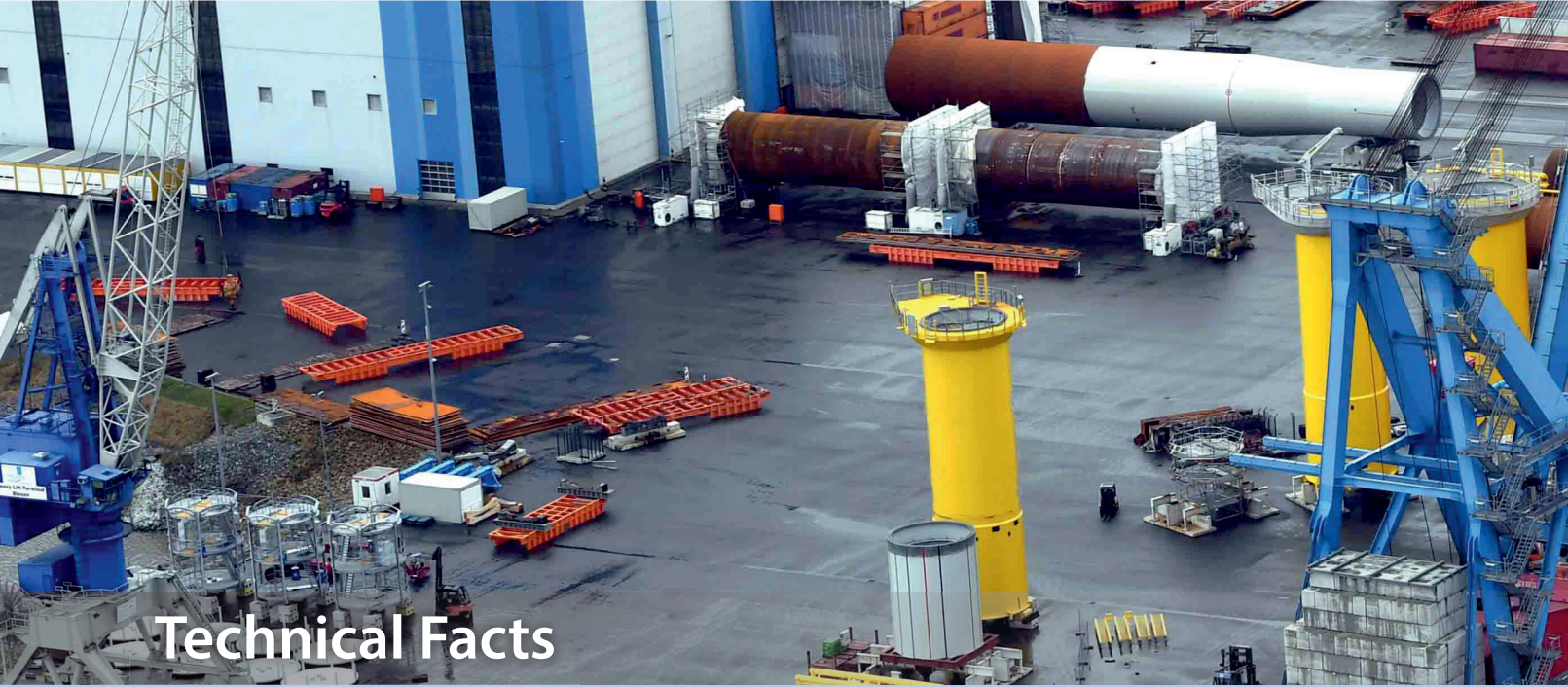
State-of-the-art fabrication equipment, a large outdoor storage area on-site and the company-owned quayside for load-out of the completed foundations make Steelwind the first choice for your offshore wind projects.

As a reliable partner for the Offshore Wind Industry, we offer you high quality solutions, optimized services, efficient logistics and tailor-made project management.

A specialized fabrication system for the integral production of Monopiles and Transition Pieces covers all necessary onshore works and services like Coating, Assembly of Secondary Structures or Electrical Installations. This effective production line includes our own integrated coating workshop and a Transition Piece outfitting hall. In addition, the quality of our projects benefits from our experienced staff, their knowledge and teamwork.

Steelwind Nordenham is a 100% Subsidiary of Dillinger which is our reliable supplier for highest quality heavy steel plates.





Technical Facts

| Technical Key Data Fabrication Yard | |
|--|-----------------------|
| Total Area | 340,000m ² |
| Production Plant & TP-Hall (Roofed Area) | 32,500 m ² |
| Storage Area | 200,000m ² |
| Shot Blasting and Coating Shop | 4,000 m ² |
| Capacity Monopiles | 120 MPs per year |
| Capacity Transition Pieces | 120 TPs per year |





Product Range

Mega-Monopiles and Beyond

| Product Range | Mega-Monopiles |
|-----------------|-----------------|
| Unit Weight: | up to 2.400 ton |
| Length: | up to 120 m |
| Diameter: | up to 11 m |
| Wall Thickness: | up to 150 mm |



| Product Range | Transition Pieces | Pin Piles |
|-----------------|-------------------|---------------|
| Unit Weight: | up to 500 ton | up to 500 ton |
| Length: | up to 35 m | up to 120 m |
| Diameter: | up to 11 m | up to 4 m |
| Wall Thickness: | up to 150 mm | up to 80 mm |



Quay Information

| Quayside Details | |
|--------------------------------|--|
| Quay Length | 200 m |
| Max. Ship Length | 250 m |
| Water Depth | 6.0 m LAT (low tide) |
| Tidal Hub | 4 m |
| Number of Ships | Max. 2 |
| Heavy Load Capability/Capacity | Yes, 100 t/m ² |
| Heavy Duty Cranes | 2x 800 t (net) 1,600 t (simultaneous) |
| Crane Swing Range | 45 m (800 t/1,600 t) 60 m (500 t/1,000 t) |
| Mobile Cranes | Yes |



Integrated Management System (IMS)

Steelwind Nordenham uses an Integrated Management System, in which Requirements for Quality Management Systems, Environmental Management Systems, Occupational Health and Safety Management Systems and Energy Management Systems are joined together.

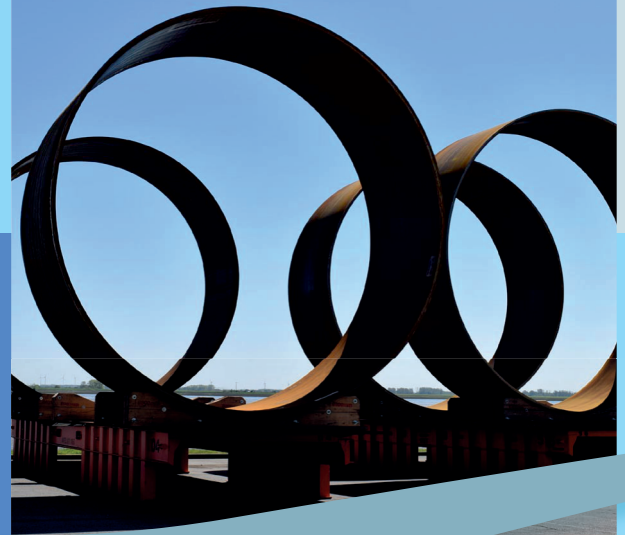
The IMS regulates the strategic responsibility and the operational practices in these fields of work across all operative divisions within the company.



The IMS also fulfils, in part or in whole, the requirements of other various international and national standards and regulations, such as:

- ISO 3834-2 Requirements for fusio welding of metallic materials
- DIN EN 1090-1 (EXC3 acc. EN 1090-2) Requirements for conformatiy assessment for structural components
- DIN EN 1090-2 (EXC3 acc. EN 1090-2) Technical requirements for the execution of steel structures
- Safety Certificate Contractors (SCC), 2011 edition

We raise the industrial safety and the quality of our products by constant improvement of our processes, resulting in an environmentally friendly and energy-conscious production.



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