

Structural engineering and design Offshore Wind / Oil & Gas

Structural engineering ranging from simple pipe supports, trans-port frames and sea fastening for offshore wind turbines to large equipment modules for offshore topsides.

We perform innovative concept studies and designs for both onshore and offshore within a wide variety of standards to your exact need.

STRUCTURAL ENGINEERING

- Concept studies
- Detail design
- \cdot Verification of existing structures
- Surveys
- Installation manuals & methods
- Lifting design and procedures
- Fabrication sparring
- Handling guides and methods
- Design risk assessment
- 3D scanning

Design areas

- Sea fastening; nacelles, towers, blades etc.
- Handling tools
- Lifting equipment

- Transport frames
- · Helidecks
- Topsides
- Stair towers
- Bridges and gangways
- Boat landings
- Deck extensions
- Equipment skids
- · Special purpose containers
- Working platforms
- · Crane pedestals
- Dropped object protection

Typical Materials

- Non-alloy steel
- High strength steel
- · Stainless/acid proof steel
- · Aluminium

MODELLING & DRAWINGS

- 3D-design modelling as standard
- 2D-drawings from 3D-model
- Direct 2D-drawing option
- Design & fabrication drawings







Structural engineering and design Offshore Wind / Oil & Gas

Space management

- 3D space management of large steel structures
- 3D space management of HVAC system
- 3D space management of cables incl. routing, tray filling, length etc.

CERTIFICATIONS

- · DS/EN ISO 9001
- DS/EN ISO 3834-2
- DS/EN ISO 14001
- DS/EN ISO 1090
- · OHSAS 18000

ENGINEERING SOFTWARE

- Ansys
- StaadPro
- \cdot MathCad

DESIGN SOFTWARE

- Micro Station 3D
- Micro Station 2D
- Bentley Raceway (Cable management)
- Bentley OpenPlant (HVAC design)
- · SOLIDWORKS
- Autocad

For further information:

www.semcomaritime.com

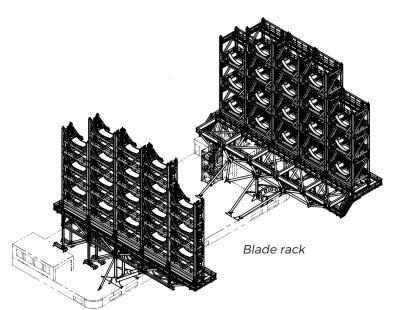
Your contacts:



Jean Grandt Sales Manager Tel. +45 7916 6744 jgra@semcomaritime.com



Kristoffer L. Frederiksen Engineering Manager Tel. +45 7916 6326 klf@semcomaritime.com



SEMCO MARITIME A/S reserves the right to make changes without prior notice. © 2018, SEMCO MARITIME A/S and the SEMCO MARITIME Group of Companies.

