

EXPERTISE

- Special Tools
- Motion compensated equipment
- Lifting Equipment
- Containerization
- Finite Element Method Analysis (FEA)
- Adaptive Concept Design
- Front End Engineering Design (FEED)



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MARKETS

- Offshore
- Maritime
- Heavy Lifting
- Renewable Energy
- Structural Engineering
- Mechanical Engineering
- Civil Structures

A large industrial crane is shown in the process of lifting a massive, dark-colored component, possibly a part of a ship or offshore structure. The component is suspended by several thick orange lifting straps. The crane's lattice boom is visible on the left, extending upwards. The background shows a clear blue sky with some light clouds. The overall scene is an industrial setting, likely a port or a large-scale construction site.

**WE ARE
THE ENGINEERS FOR YOUR
OPERATIONAL CHALLENGES**

TILLEN ABOUT US

Engineering with a Hands-On approach: This is how we do it!

Together with analytical skills, a passion for large steel structures and proven expertise in mechanical design, a well-organized design team and overall commitment to work, we create both technically and economically sound solutions.

What are our biggest key factors for success:

- We focus on quality of work by being critical towards ourselves and our customers. This results in clear- reporting, technical drawings and calculations and designs that are production oriented.
- We manage customers' expectations. We keep our customers involved and informed. This will speed up the process and no surprises at the end.
- We are able to act quickly on ad-hoc customer questions.
- We really investigate our customers' needs by listening carefully and reaching the underlying questions; to advise the best project approach.
- We dedicate time to personal and team development.

"Best boom design and most complete drawing set we ever had"

SERVICES



DESIGN & VERIFICATION

Concept, basic and detailed design
Shop drawings
FEM Analysis (FEA)



TURN-KEY PROJECTS / FABRICATION

Lifting equipment (Spreaders, Lifting beams)
Special tools
Handling Systems



CONSULTANCY

Technical Design
Design Process
Certification & Design Appraisal



MANAGEMENT

Construction management
Installation management
Project management
Design management

