Our Vision
is to be the PREFERRED GLOBAL SUPPLIER of equipment solutions and services for the marine and offshore industry.

Our Value
is in delivering reliable equipment that guarantees system uptime and helps our customers BOOST PRODUCTIVITY AND PROFITABILITY.

Our Strategy
is built around WORKING IN PARTNERSHIP WITH OUR CUSTOMERS to devise intelligent, innovative and cost-effective solutions.

Content
- Offshore support and construction
- Drillships and rigs
- Heavy lift vessels
- Cranes portfolio
- Access equipment portfolio
- Global follow-up and service
The quality of onboard equipment is vital in the efficient performance of an offshore vessel, ensuring smooth operation and minimising downtime.

Many years of experience have taught that lifting requirements are always specific to the vessel and its routing, and that proven, standardised solutions can be tailored to meet the requirements.

The mission to create new ways of moving new and existing subsea installations has challenged TTS to develop better and safer solutions. Therefore we have become a chosen partner for safe load handling in rough and deep seas.

TTS has developed advanced and reliable system technologies. A comprehensive portfolio of cranes and winches – including advanced active heave compensated solutions – is available to meet the wide range of requirements.

All products are subject to extensive performance tests before leaving the factories, under the responsibility of experienced engineers. TTS is committed to delivering cost-effective, safe and reliable systems to all customers.
Drillships and rigs

TTS offers a range of cranes for drillships, semi-submersible production units, flotels and jack-ups. By utilising our extensive experience from the marine cranes market, we have developed high performance offshore cranes to meet the demand of the challenging tasks required for offshore installations.

Our solutions include:
- Riser yokes and grippers which can form a fully integrated part of our large offshore cranes.
- Pipe handling cranes with winch and/or gripper up to SWL 5t.
- State-of-the art software with the facility to manage repeat operations.
- Anti-collision systems for obstacles onboard and between crane.
- Ultra-deep subsea cranes with large outreach, market-leading AHC and constant high tension precision.

VESSEL TYPES

Drillships
Semi-submersibles
Jack-ups
Accommodation
Well intervention
Heavy lift and offshore installation

As undisputed leader in the heavy lift marine cranes market, TTS brings uncompromising reliability and performance to its design of products using premium components and advanced manufacturing and testing procedures. We have also brought our heavy cargo cranes expertise to the growing market of offshore vessels involved in harnessing renewable energy.

TTS heavy lift cranes have an unlimited slewing range of 360°. All equipment and machinery are placed inside the machine house in order to protect against the marine environment. Loading stairs can be changed easily from the driver’s cabin.

VESSEL TYPES
- Multipurpose vessels
- Heavy lift vessels
- Offshore installation vessels
- Wind turbine installation vessels
Cranes portfolio

TTS offshore cranes are developed and designed to meet the industry’s demanding requirements. The quality of onboard cranes is vital in the efficient performance of an offshore vessel, ensuring trouble-free operation and reducing downtime.

Deck cranes
- Available as knuckle boom, straight boom, or telescopic

Multipurpose and heavy lift cranes
- Range from 60mt to SWL 1,200mt
- Proven design with years of heavy lift experience
- Special features available for advanced efficiency and safety
- Applicable for offshore operation, e.g. in combination with TTS deep sea winch

Offshore cranes
- Range up to SWL 400mt
- Knuckle, telescopic and straight boom
- For use in any environment
- With or without Active Heave Compensation
- Winch on crane or below deck

Active heave compensation
- Accurate and extremely high performance
- Deployment of work down to 4,000m water depth
- Advanced control system and secondary control
- For cranes, winches and LARS

Pipe- and riser handling
- Standard range up to SWL 35mt
- Standalone or as part of drilling packages

Leg-encircling cranes
- Range from 100mt up to SWL 2000mt. Crane opening of up to 10m diameter for columnar or triangular jack-up legs

A-Frames
- Typical capacities from 100mt
- Working radius tailor-made to suit any vessel design

Pedestal lattice boom cranes
- Range from 50mt up to SWL 2000mt
Access equipment portfolio

TTS offers a variety of standard offshore vessel and tailor-made equipment to comply with customer demands.

Hangar doors
Compact construction and light weight. Operation possible within limited free space either on deck or in the hangar.
- Roll gate
- Side- or top-hinged (folding)
- Sliding
- Bottom-hinged

Moon pool hatch covers
Hydraulically-operated watertight or non-watertight top and bottom moon pool hatch cover configurations.
- Sliding
- Folding
- Single or two section(s) up or down

External side doors
Designed for operational flexibility and reliability.
- Side-hinged (folding)
- Sliding
- Bottom-hinged
- Top-hinged (folding)
- Roll gate

Launch and recovery systems
TTS offers various Active Heave Compensated (AHC) and non-AHC LARS solutions adapted to the specific need of the vessel.

Davits
Davit solutions for life saving equipment according to SOLAS (LSA)

Side loading systems
Side loading elevator systems for cargo and provision handling through the side door on the vessel

Skidding systems
- Stand alone system
- Combined with a sliding moon pool hatch cover

External platforms
- Observation/mooring platforms
- Provision platforms
Global follow-up and service

TTS is committed to delivering cost-effective, safe and reliable systems backed up by a comprehensively equipped service network. And, by providing impeccable aftercare, we help our customers get the best possible return on their investment in TTS equipment.

We prioritise investment in our support network and its service hubs around the world, increasing our ability to serve customers quickly and efficiently with minimal disruption to their schedules.

It is a core value of our business to ensure that customers operate TTS-supplied equipment with efficiency and care. To this end, we offer service agreements and training packages tailored to our customers’ specific business requirements. A long history of designing reliable hydraulic, mechanical and electrical systems informs the expertise of our service personnel. With these qualified, experienced engineers stationed in key locations worldwide, TTS can offer support at short notice, wherever the equipment happens to be.

TTS also offers conversion programmes which are designed to benefit yards and owners in preparing their existing equipment for a viable and competitive future. This includes the adaptation of equipment for use in new ways and for compliance with new rules and regulations.

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Competence, reliability and trust are the hallmarks of our business, and we work hard with customers to ensure the effectiveness of equipment throughout the ship’s life cycle.

We understand that expensive assets cannot be allowed to lie idle, and that onboard space must be used to the maximum. So, from subsea construction vessels to heavy lift vessels and drill ships, our focus is on creating and delivering products and tailor-made service solutions that allow vessels to operate to their full capacity at all times.