

Optimizing gas transfer

COMPLETE SOLUTIONS FOR SUPPLIERS & RECEIVERS



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Trelleborg stands at the forefront of gas transfer solutions for the rapidly growing use of gas as a cleaner energy source and ship fuel. With proven expertise and an integrated offer covering operational optimization, service and support, advanced equipment systems, and crew training, we empower ports and ships to meet complex gas logistics demands and evolving environmental standards, ensuring every transfer is safe, efficient, and compliant.





OPERATIONS OPTIMIZATION

Smart and fully compatible transfers.



SERVICE & SUPPORT

Always on. Always there.



EQUIPMENT SYSTEMS

No spill. No pain.



CREW TRAINING

Competence you can count on.

Driving Safety, Efficiency, and Innovation Together

Trelleborg is your expert partner for gas transfer operations; where innovation meets precision, safety is paramount, and efficiency drives success. Our complete range of solutions and best-in-class service work together to optimize, protect, and future-proof your gas transfer operations.

**SCAN FOR
MORE INFO**



Operations optimization

Trelleborg transforms complex transfer challenges into smooth, efficient, and safe operations by combining advanced modeling, real-time data, and decades of LNG and energy industry insight.

OPERATION ANALYSIS

With the largest database of installed gas transfer equipment, Trelleborg offers expert insights into operational trends and challenges to identify operational bottlenecks, anticipate risks, and develop new procedures that enhance both safety and efficiency.

COMPATIBILITY PLANNING

We eliminate uncertainty and delays through proactive planning, using our industry-leading vessel database and unique online tool to verify real-time compatibility verification between vessels and terminals.

FLUID DYNAMICS

With over 20 years of hands-on experience, we provide expert consultancy and advanced simulation tools to minimize boil-off and optimize system design and flow efficiency.

MOORING ANALYSIS

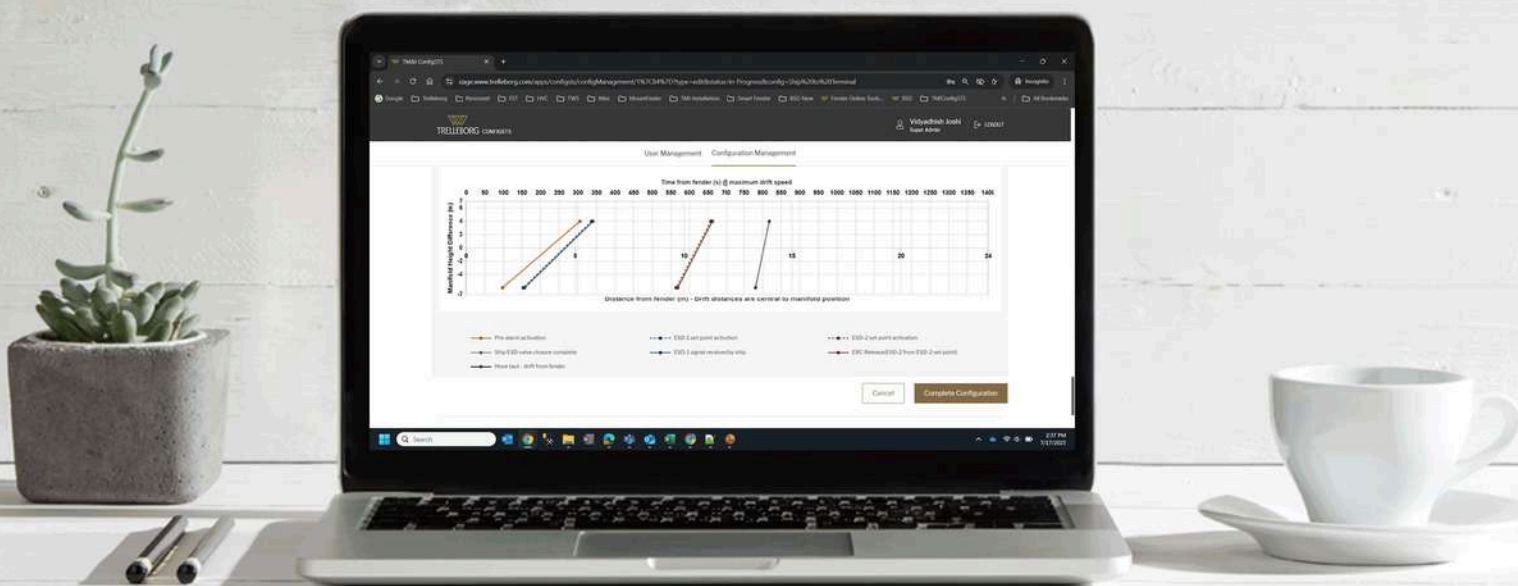
Our mooring simulation tools validate automated mooring systems, reduce vessel motion, and extend safe loading envelopes thereby enhancing decision-making and operational control.

DESIGN

From initial concept (pre-FEED) to complete system design, we provide comprehensive solutions that ensure compliance, efficiency, and optimization.

SAFETY AND COMPLIANCE

With active participation in industry bodies, we ensure your operations adhere to the latest global standards for crew, equipment, and procedures.



Service & support

Every minute counts in gas transfer. Trelleborg's services prevent downtime, respond fast, and keep assets working at peak performance wherever you operate.

INSPECTION

We use specialized analytical tools to detect the earliest signs of wear or damage. This allows us to ensure operational continuity, maximizing equipment lifespan, while ensuring compliance with safety regulations.

MAINTENANCE AND REPAIR

Our expert team of technicians from our global service hubs provide tailored preventive and corrective maintenance, repair, and upgrade services, ensuring you get the support you need, wherever you are.

INSTALLATION AND COMMISSIONING

Our dedicated teams manage the full process from pre-site planning to final testing and crew training, ensuring seamless, safe, and reliable operations.

24/7 CUSTOMER SUPPORT

Our global support network delivers round-the-clock technical assistance, remote diagnostics, and rapid response to keep your operations running smoothly.

SPARE PARTS

We ensure your system's reliability through timely access to high-quality, OEM-certified components, all backed by our global logistics and expert inventory guidance.



Equipment systems

From emergency shutdown systems to vessel berthing systems, precise positioning systems and high-performance transfer hoses, Trelleborg designs every component with one purpose; to keep your operations safe, seamless, and spill-free.

SAFETY LINK SYSTEMS

We provide configurable, industry-compliant systems that ensure synchronized emergency shutdowns and reliable ship-to-shore and ship-to-ship communication.

BERTHING SYSTEMS

We offer a complete suite of fenders, mooring equipment, and smart monitoring technologies to ensure secure and safe vessel berthing in all conditions.

VESSEL POSITIONING SYSTEMS

With advanced GPS and laser technologies, our solutions deliver precise, real-time monitoring to enhance situational awareness – ensuring safe, efficient mooring and alignment during transfer operations.

HOSE AND TRANSFER SYSTEMS

Engineered for demanding offshore and nearshore environments, our high-performance, flexible marine hoses and couplings are designed to ensure reliable flow and minimal product loss.

FILTRATION SYSTEMS

Our high-performance filtration systems effectively remove contaminants and maintain system integrity, helping to protect critical equipment and ensure purity of LNG and other gas transfer processes.



Crew training

Even the most advanced system needs skilled hands. Trelleborg builds operator and crew competence through blended learning - classroom, simulation, and real-world practice.

OPERATION TRAINING (ON-LINE/ON-SITE)

We offer essential crew training to ensure optimal performance and maintenance of critical equipment. This is available both on-site and remotely via interactive online platforms.

OPERATION TRAINING PROGRAMS

Designed around real-world gas transfer operations, our training programmes combine digital learning and competency assessments to develop the skills required for safe, compliant and efficient transfer activities. Training pathways progress from fundamental concepts to advanced operational scenarios.

MANUALS

Our comprehensive manuals are designed to make installation, operation, and maintenance straightforward, for peak operational performance and compliance.

FACILITIES

Industry-leading classroom and hands-on learning in our dedicated state-of-the-art Gas Transfer Center of Excellence facility in the UK ensure your team is trained to the highest standards.

SEE IT IN PRACTICE

Our recent webinar explores how blended learning and simulation build lasting crew competency. Watch the recording on demand.



**SCAN TO
WATCH NOW**





Trelleborg leverages in-depth materials and applications expertise with early market insights, making the Group a world leader in engineered polymer solutions. We offer a unique portfolio covering a broad range of applications – even the most complex ones.

Trelleborg Marine and Infrastructure combines advanced polymer engineering with smart technology to serve the most demanding marine, port, and built infrastructure environments worldwide. Our portfolio — spanning marine fenders, docking and mooring, navigation and piloting, built infrastructure, gas transfer, and structural solutions for offshore and floating installations — is designed to improve safety, operational performance, and long-term sustainability for owners and operators at every stage of asset life.

WWW.TRELLEBORG.COM/MARINEANDINFRASTRUCTURE



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