

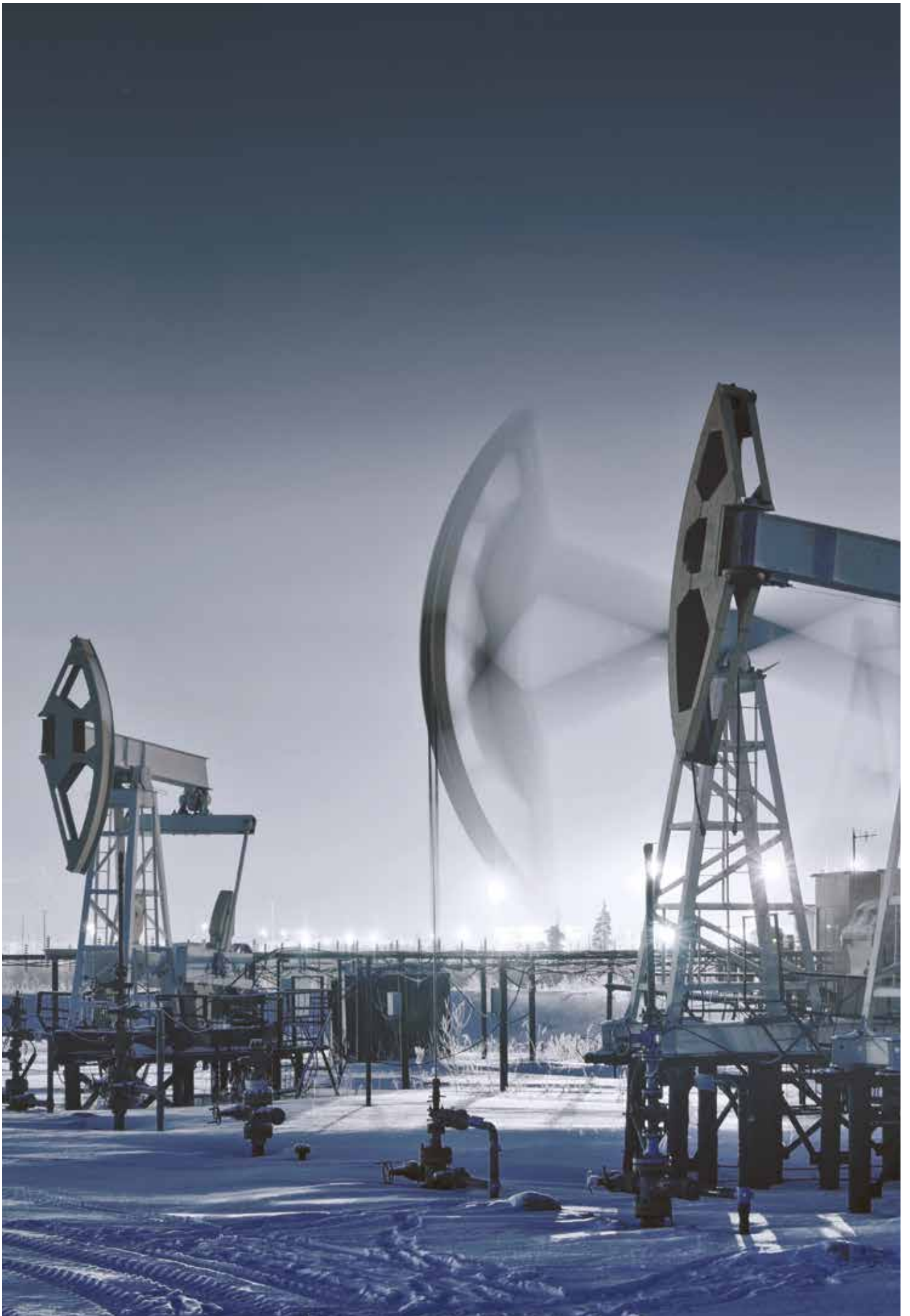
FAST MOVING TECHNOLOGY

STÄUBLI

Oil and Gas

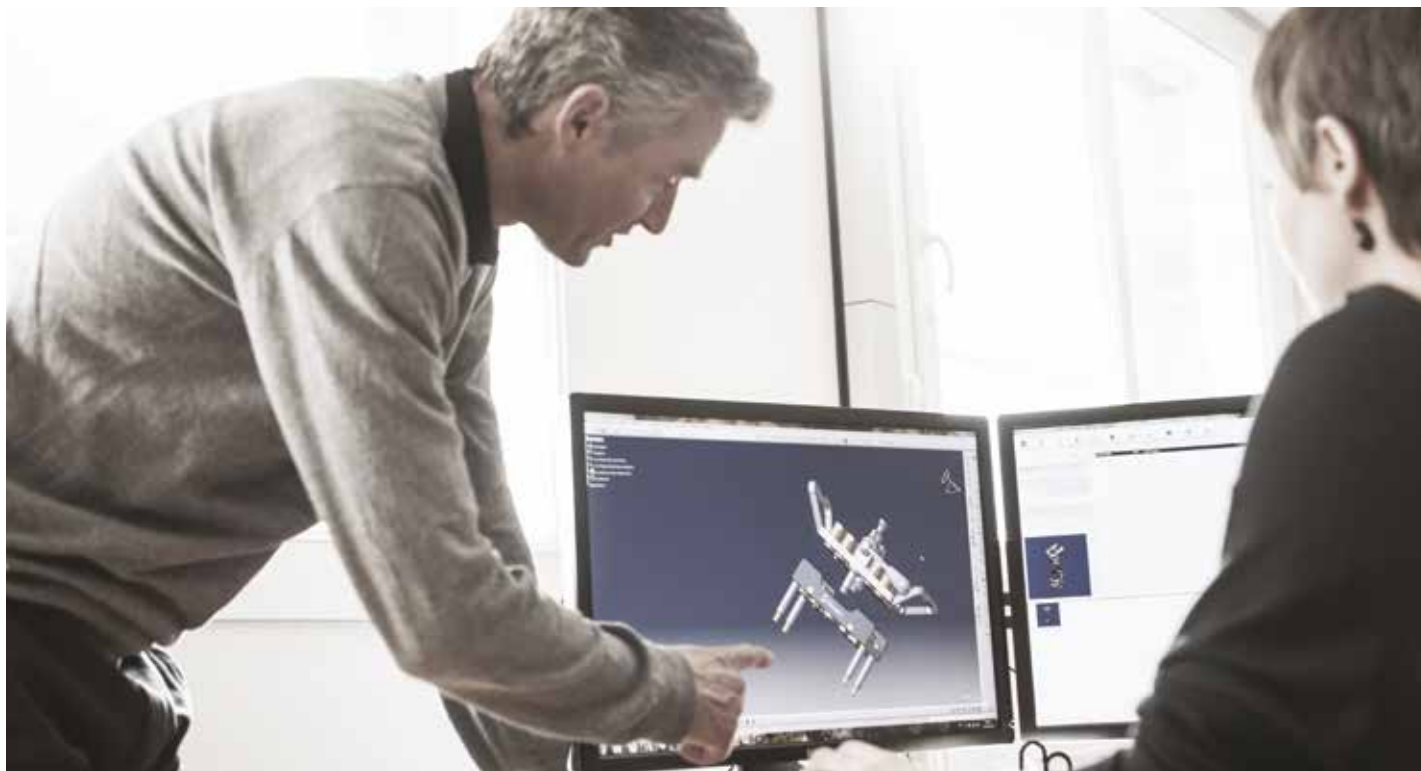
Connectors | Advanced connection solutions





FAR-SIGHTED PARTNER

An international group serving all industrial sectors



Stäubli, a market leading company, continually pushes for innovation, addressing current and future needs for advanced connection solutions.

Developing and delivering high-performance solutions tailored to specific business requirements, as well as understanding and anticipating the trends shaping each branch of industry, is the strategy pursued by Stäubli, as global leader in advanced connection solutions for all applications: fluid, gas and

electrical. Fluid mono-connections, electrical connectors, multi-connection systems for all energy sources, tool changers for robots or Quick Mold Change solutions, each Stäubli assembly is engineered and built from parts of consistently matched quality and design. Our solutions improve the reliability, efficiency, performance and usability of equipment, thereby raising the productivity bar and guaranteeing operator safety.

A strong partnership

An effective partnership relies on trust. For more than 60 years, we have nurtured special relationships with our customers based on listening and mutual understanding. The best testament to our long term commitment is the loyalty of our customers for whom we provide total project support.



50
countries



5,000
employees worldwide



12
production sites



More than
400
user sites

OUR EXPERTISE IN THE OIL & GAS MARKET

From your objectives to our solutions



Recognized as a high risk sector, the oil and gas industry demands absolute trust in its partners. Stäubli offers solutions specifically designed for marine environments.

Corroded connections can lead to production stoppages and environmental pollution.

Your equipment is also exposed to deep-sea high pressure and temperature conditions. This environment is also taken into account from the product design stage. Certain applications do not allow the presence of workers and require appropriate interfaces for effective **remote intervention**.

The need to combine technical performance, human responsiveness, product integrity and safety of installations.

Working with you from day one of your project



To provide you with the best possible support and ensure excellence and efficiency, we share your exacting requirements with regards to our teams and our solutions.

Direct contact with our specialists

Having a single contact person to provide support and advice and anticipate your needs optimizes your time, budget and deadlines.

Resources and teams to reflect your needs

Our dedicated teams utilize our expert knowledge to design solutions that will meet the requirements of your application. Our CAD tools, rapid prototyping machines and dedicated testing equipment ensure the suitability of the components as defined by your specifications guaranteeing design compatibility with your existing equipment.

Our solutions are tested, qualified and certified with these demanding requirements in mind so that we can guarantee maximized reliability and durability, along with optimum safety for your operators and facilities.

Upstream

Production: drilling

- Hydraulic drive for the valves and tools for drilling, analysis and sampling



Handling / Lifting: hydraulic motor supply for Winch

- High pressure couplings with safety keys and locking mechanism options



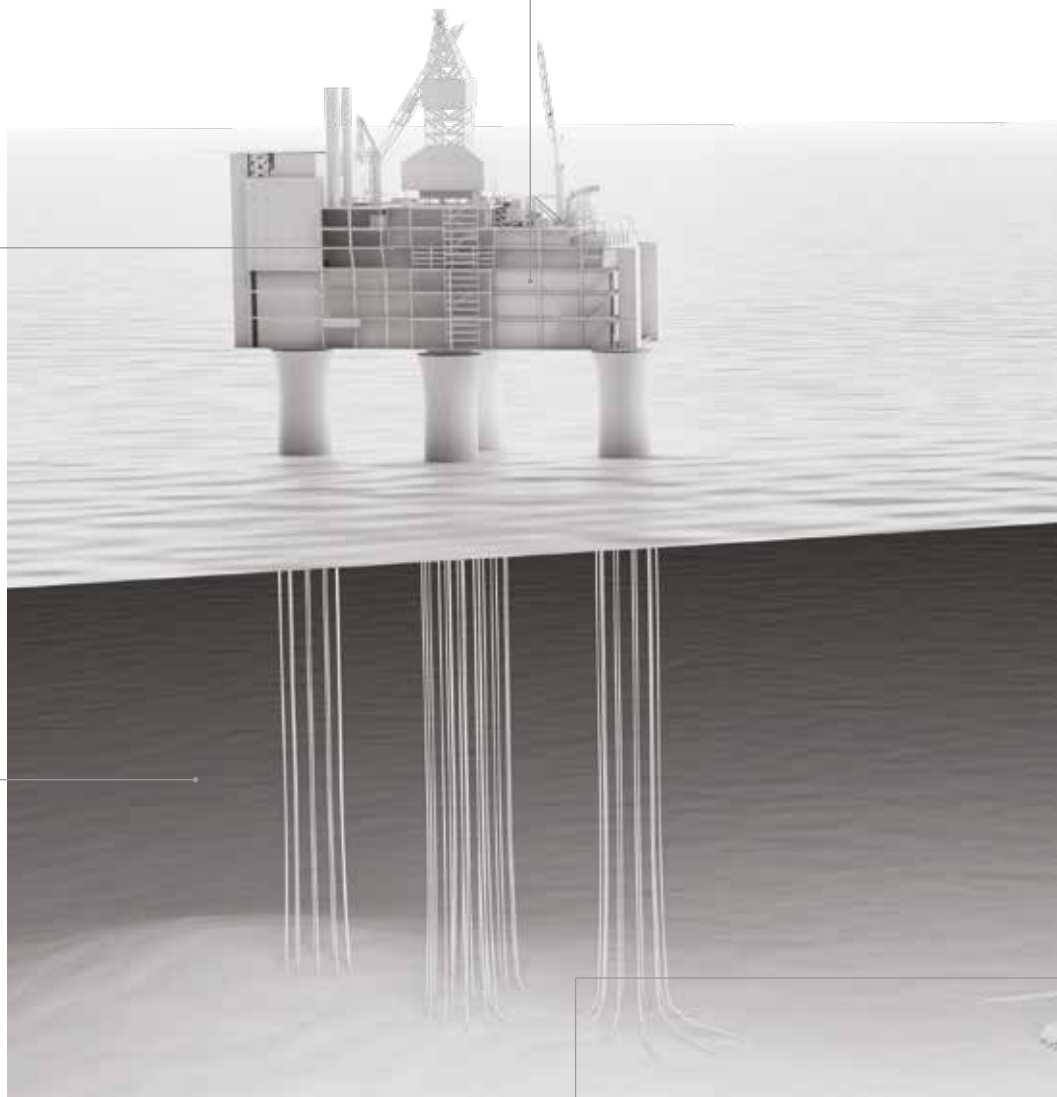
Exploration / drilling Seismic analysis

- Hydraulic and electrical connectors for transferring fluid samples



Connections between Manifold and Christmas Trees

- Stab plates for simultaneous energy connections



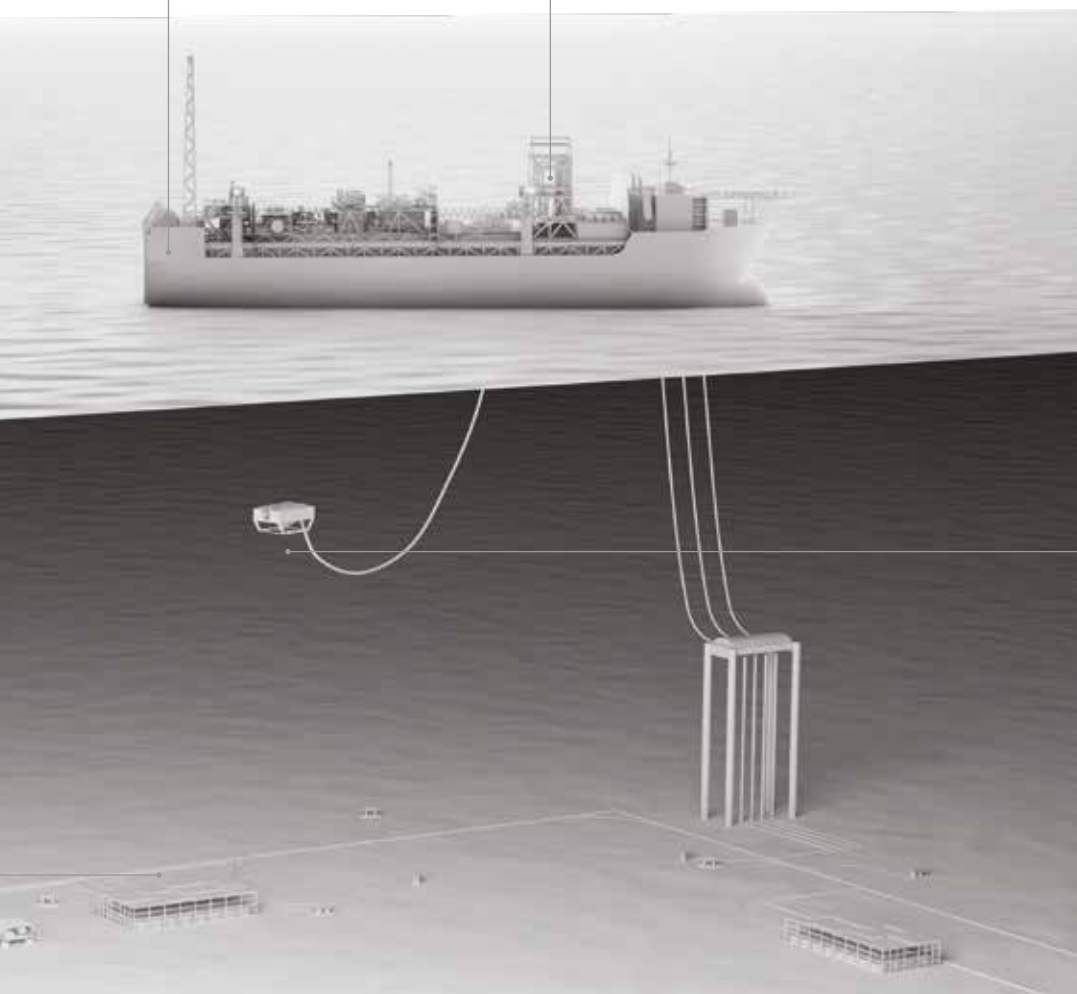
Production: cooling circuits for the power generators




- Quick-release couplings, reliable and adapted to liquid-cooled electronics systems



Production: risers and umbilical's integrity

- Tightness tests connections
- Degassing lines coupling
- Fibre optic precision housings



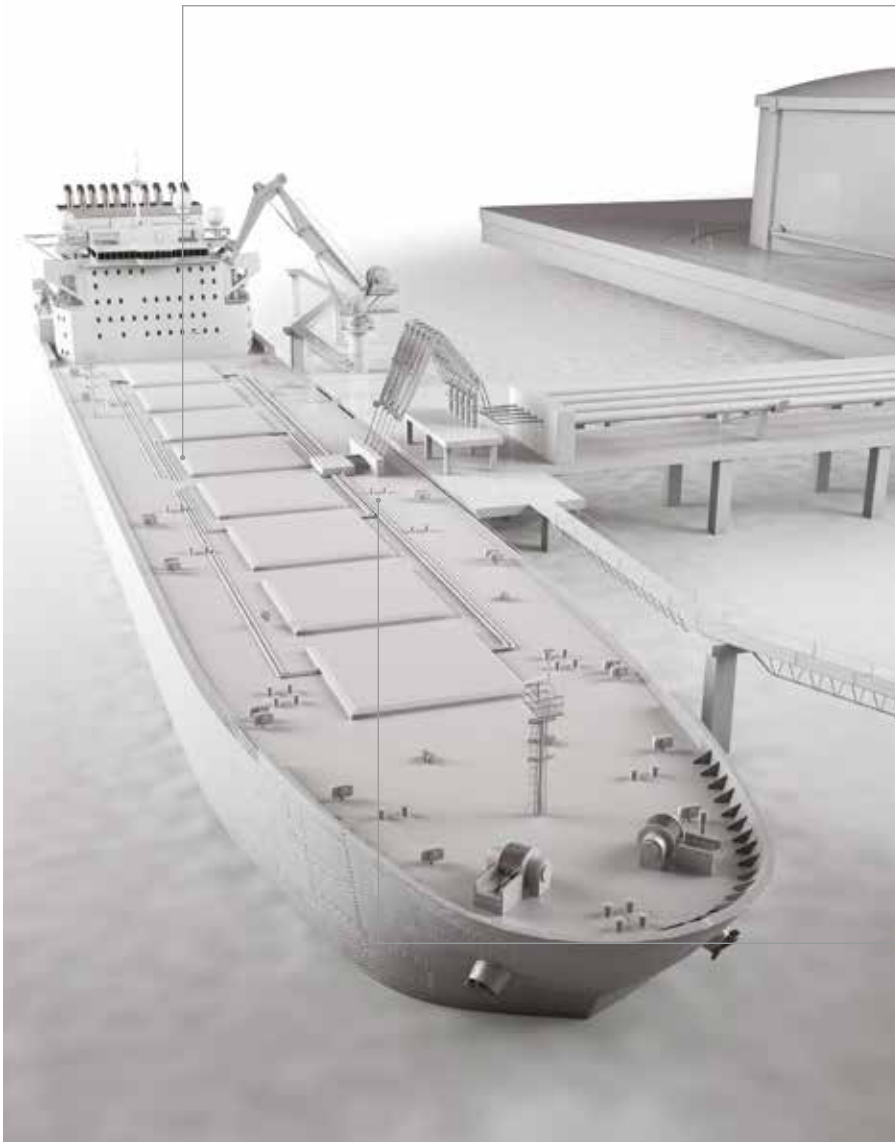
-  Hydraulic
-  Electric
-  Cooling

ROV connections

- Multi-coupling stab plates for simultaneous energy connection
- Remotely operated
- Non spill couplings
- High pressure balanced couplings








Midstream



Filling / Draining / Transfer

- Large bore couplings providing high flow rates
- Loading arms hydraulic lines
- Break away functions



	Fluids
	Gas
	Electric
	Compressed air
	Breathing air

Inerting

- Safety quick couplings for inerting in hasardous area



PRODUCT PREPARATION

Downstream

Breathing Air

- Quick couplings, hoses and filters for personal protective equipment



Inerting

- Safety quick coupling for inerting in hazardous area



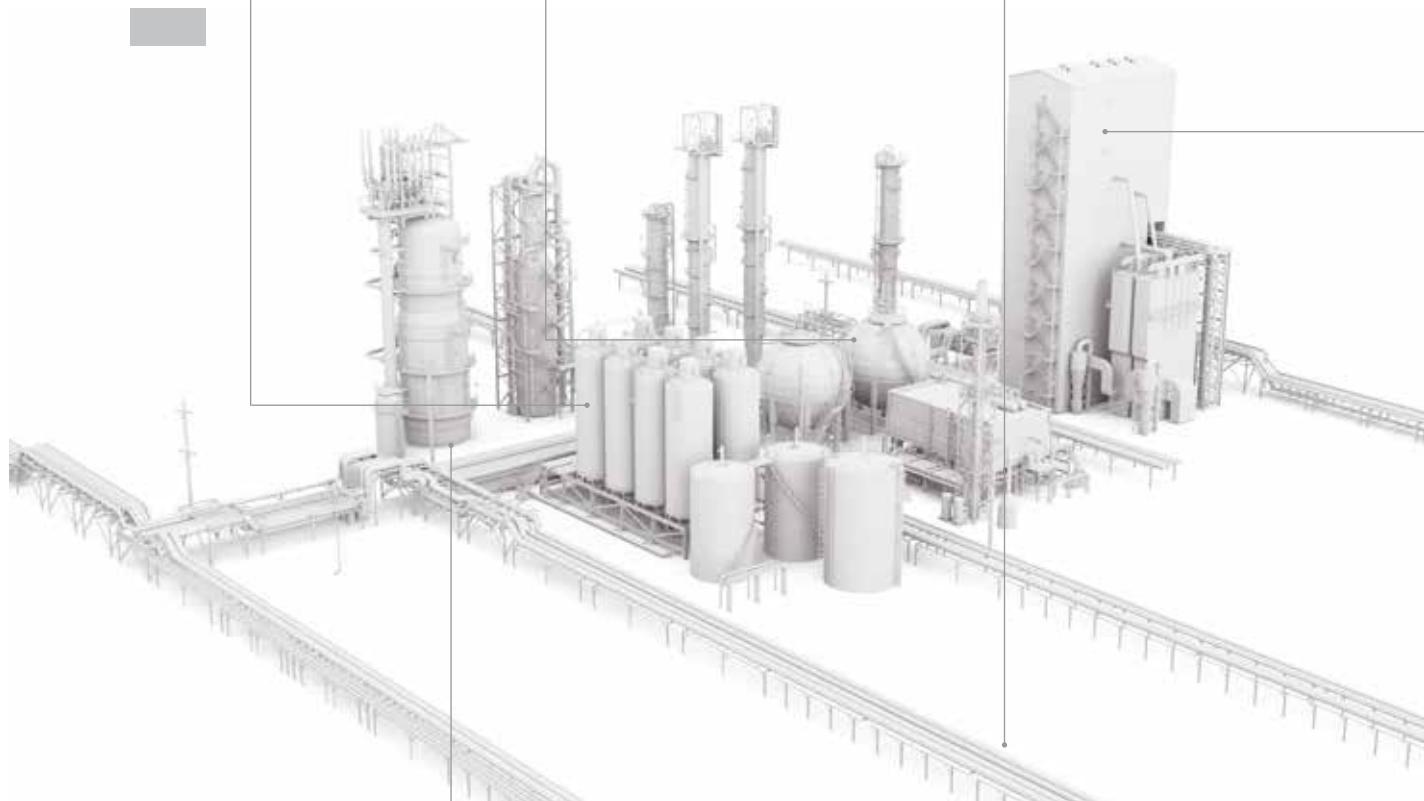
**Construction:
pipeline welding**

- Connection plates for automatic changeover of the welding heads



Sampling

- Clean break couplings for sampling and test points



Compressed air

- Safety quick release couplings designed to withstand the most severe working environments







OUR TECHNICAL ASSETS

Unique expertise and multiple dedicated solutions for the Oil & Gas industry

Product Benefits

Your industrial sector demands total control over fluid-line connections. With Stäubli, you have access to solutions that meet the requirements of your environment exactly.

Remote handling

Misalignment compensation:

- Swivel couplings
- Two stage guiding system
- Self-alignment

Balanced connections

Technology adapted to extreme pressure and temperature conditions:

- Connection and disconnection under operating pressure
- Use of adapted locking systems

Metal seals

Option of metal seals designed for long term water immersion:

- Adapted to extreme pressure and temperature conditions
- Elimination of maintenance operations due to life of seal
- Patented system: self-aligning couplings with metallic seals

Centralized energy connections

For maximum safety and efficiency, simultaneous connection of all of your fluid and electrical circuits:

- Interchangeable sockets and plugs
- Easy maintenance
- No need to disrupt the pipe system (no tubes to be cut, no need for welding)
- Total system complying with your specifications

Non-spill technology

The flush face, non spill design of Stäubli products guarantees both the integrity of fluids and perfect tightness on connection and disconnection

- No introduction of air or polluting agents into the circuits
- No fluid leakage into the environment

Anti-corrosion

Materials chosen for a corrosive atmosphere, conforming to the NACE standard.



■ Stäubli Units ○ Agents

Global presence of the Stäubli Group

www.staubli.com