

The experts in offshore grouting



Company Overview

Overview

Global expertise. Local execution.

Ambico FoundOcean Grouting Services delivers specialist products and offshore grouting solutions for some of the world's most demanding marine environments. As part of the Ambico Group, we combine deep technical expertise with proven fabrication, engineering, and offshore execution capability to support complex marine and subsea projects worldwide.

We provide **advanced offshore and subsea grouting services** to the oil and gas industry, supporting both new developments and brownfield asset life extension. In parallel, we support FoundOcean (UK)'s global operations through the manufacture of high-performance flexible formwork solutions for pipeline support and stabilization.

With extensive experience and a strong offshore delivery record, **we support the full lifecycle of offshore and subsea assets**—from greenfield installation through to repair and life extension. Every project is underpinned by in-house engineering, custom-designed equipment, and local teams with a proven ability to deliver complex, time-critical work safely and efficiently in challenging offshore environments.

Driven by innovation and **industry-first technologies**, we continue to advance materials and grout delivery systems, developing practical, engineered solutions aligned to each project's technical, operational, and commercial objectives—and delivering measurable value for our clients.



Products and Services



We hold the world record for the deepest deployed fabric formworks at 1,500m

Pipeline Stabilization and Protection

Our fabric formworks (grout bags) and concrete mattress systems are engineered to protect, support, and stabilize subsea pipelines, cables, and structures across a wide range of offshore applications. They are proven solutions for correcting freespans, mitigating scour, stabilizing jackets, and supporting pipeline crossings.

Our formworks are manufactured from flexible, high-strength woven fabrics, allowing them to be tailored to specific seabed and structural conditions. For applications requiring broader coverage and stability, MassivMesh concrete mattresses provide a robust, cost-effective solution for pipeline stabilization in high-current environments. All systems are designed with installation practicality at the forefront, drawing directly on our offshore experience to ensure safe, efficient deployment.

We offer a **single-source solution**—from design and manufacture through to offshore installation—delivering speed, quality, and accountability throughout the project lifecycle.

Our wide range of **ISO 9001 certified** formworks and mattresses are fabricated using the highest quality materials. They are engineered in-house, and although a standard range is available, most orders are custom designed for individual project requirements.

We provide a single source for the design, manufacture and installation of all types of high quality and cost-effective formworks and concrete mattresses.

Structural Grouting Services

Ambico FoundOcean provides specialist structural grouting services for offshore foundations across **all major pile configurations**, including skirt piles, main leg piles, balanced pressure grouting, and insert pile systems. Our work is defined by tight process control, predictable outcomes, and consistent grout quality on complex offshore structures.

Our grouting procedures, equipment, and monitoring systems have been developed and refined through decades of offshore application. We bring deep practical knowledge of grout behaviour, pile geometries, load transfer, and installation constraints—allowing us to execute high-risk foundation scopes with confidence and precision.

We are the trusted partner for demanding offshore foundation projects where controlled execution and long-term load performance are critical.

Ambico FoundOcean mobilizes 100% back up of all mixer technology components to ensure uninterrupted grouting operations.

Our successful and efficient offshore operations result from a wide range of skills and equipment including:

- Detailed quality assurance and control procedures
- Well equipped offshore testing laboratories
- State-of-the-art grout mixing equipment
- High capacity grout pumps to deliver grout to the structure
- A high capacity cement silo fleet
- ROV operated subsea grout connection systems
- ROV deployed grout density monitoring



Our grout mixing technology is engineered for high output, consistent quality, and offshore reliability. The Recirculating Jet Mixer (RJM) delivers grouting capacities of up to 25 m³ per hour with a compact, efficient footprint. Our equipment range includes Recirculating Jet Mixers, Planetary Mixers, and Batch Mixers, allowing us to match mixing systems to project-specific requirements. Full redundancy is mobilized across critical components to ensure uninterrupted grouting operations offshore.

Inspection, Repair and Maintenance



We are your trusted partner for life extension solutions

We deliver offshore and subsea structural strengthening, repair and maintenance solutions that restore integrity and **extend the service life of assets**. Our scope includes grouted clamps, structural infills, scour protection and repair works across fixed and subsea infrastructure.

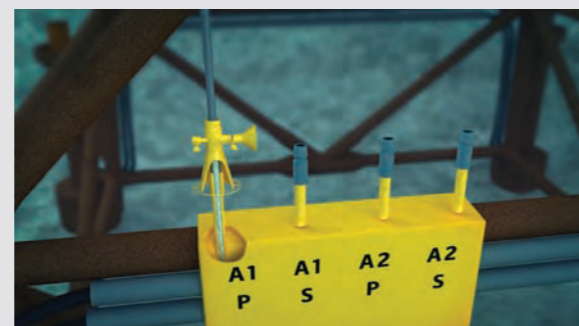
All works are supported by specialist, in-house designed grouting equipment, developed to reliably mix, pump and place high-strength cement systems offshore. This enables consistent, controlled grout placement across complex repair and maintenance scopes, whether executed by diver or ROV.

With experienced offshore teams and proven systems, we execute strengthening and repair works safely, efficiently and with predictable outcomes, supporting clients throughout the asset lifecycle.

Ambico FoundOcean designs and manufactures its own range of standard and custom-engineered clamps for pipelines and jacket members.

Subsea ROV Grout Connectors

These unique connectors are specifically designed by FoundOcean for underwater connection of grout lines. For over 20 years, our connectors have been used worldwide in various water depths to reduce onshore fabrication and offshore installation costs by eliminating the need to install and remove temporary pipework. This type of ROV connection system can be used for all grout-led operations.



Manufacturing

Ambico FoundOcean operates a dedicated world class manufacturing facility near Mumbai for the fabrication of high-performance fabric formworks used in offshore and subsea applications. The facility produces both standard and fully custom-engineered solutions, supported by a skilled workforce and controlled production processes.

Formworks are manufactured using high-quality polypropylene fabrics, with seams subject to rigorous testing and quality control to ensure consistent offshore performance. Most products are engineered to meet specific project requirements, reflecting the varied geometries, loading conditions, and installation constraints encountered offshore.

The facility also houses specialist equipment supporting offshore operations, enabling shorter lead times, greater flexibility, and tighter control over quality and mobilisation. Locally sourced materials and personnel further reduce logistics complexity while supporting cost-effective project delivery worldwide.



Precision manufacturing

Ambico FoundOcean supplies grout bags all over the world, and provided close to 1,500 fill-and-remove formworks that were used in the salvage of the Costa Concordia cruise liner off the coast of Italy.

Quality, Health & Safety

Quality, health, and safety are embedded across all Ambico FoundOcean activities, from engineering and manufacturing through to offshore execution. These disciplines form a core part of our management framework and project delivery approach.

Our ISO 9001–certified Quality Management System governs the manufacture and supply of fabric formworks and concrete mattresses, with defined inspection points and material verification throughout the production process.

Offshore operations are supported by robust procedures, specialist testing equipment, and experienced personnel trained in safe offshore working practices. In-house design and fabrication of pipeline and jacket clamps further strengthens quality control and execution assurance.



Thorough quality assurance procedures

Contact Us

#701-702 Shri Sai Corporate Park, Next to Polaris Tower,
Opp. Laxmi Nagar Industrial Estate, Goregaon Link Rd.,
Goregaon (West), Mumbai – 400 090, India.

Tel: +91 22 2876 6641 / 42
Fax: +91 22 2876 9473
Email: info@ambicoindia.com

www.ambicofoundocean.com

