



CRYOSPAIN

High-end engineering at low temperatures

THE SECURITY AND VALUE OF A COMPANY

WITH CRYOGENIC EXPERTISE

High engineering solutions for your business

TOP-NOTCH TECHNOLOGY THAT WILL GIVE ADDED VALUE TO YOUR SUPPLY CHAIN

Skilled resources

Cryospain is ready to design products and projects for handling and conditioning of packaged gases and cryogenic liquids. Our team uses the latest digital technology for 3D design modelling

and advanced simulation to reduce risk, cost and delivery such as AutoPIPE Advanced, Solidworks Premium, AutoCAD, Autodesk Inventor and BIM software to adapt all our solutions to specific requirements the project may have.



We take our engineering projects to anywhere in the world

WE HAVE SOLD OUR PRODUCTS IN MORE THAN 20 COUNTRIES



Excellence as our main goal

CRYOSPAIN IS FULLY COMMITTED TO REACH THE HIGHEST QUALITY AND HSE STANDARDS

Our commitment are:

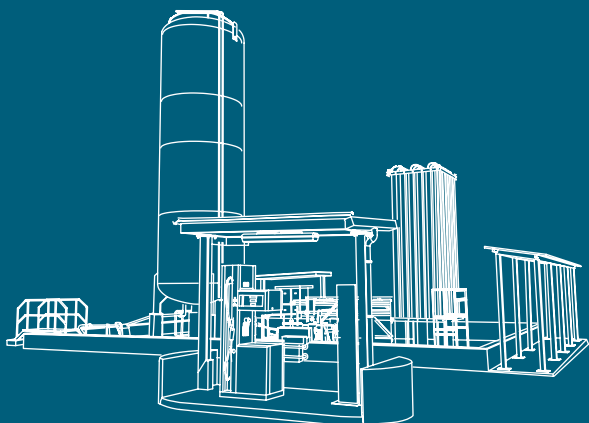
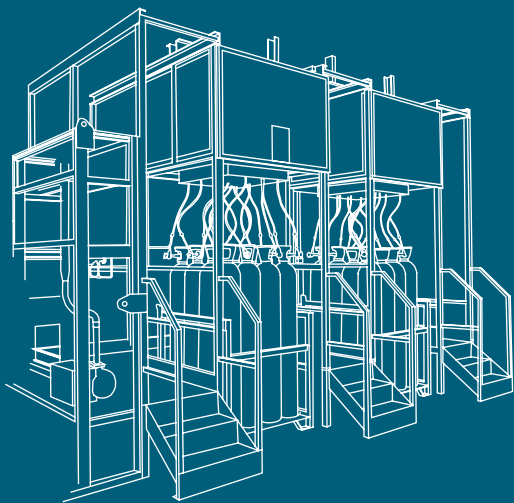
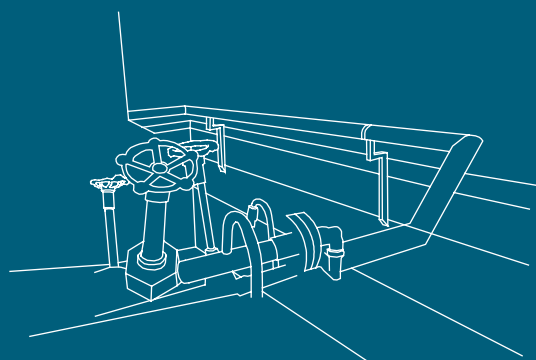
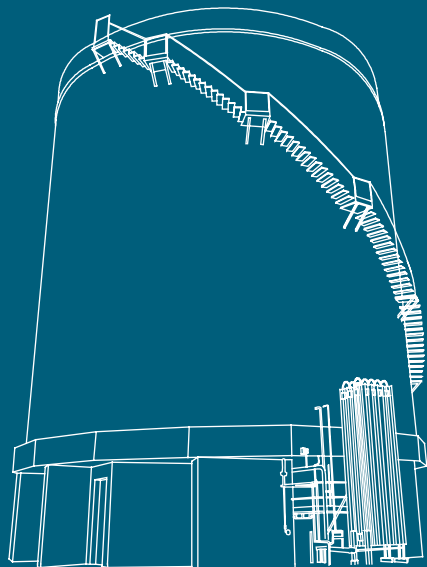
- Respecting the needs of our different clients.
- Working closely with our suppliers.
- Fulfilling with the current regulations.

To support this continuous research of excellence, we have been awarded the following certificates:

- ISO 9001:2015
- ISO 14001:2015
- OHSAS 18001:2007

Approved Workshop in compliance with the RINA and BV rules.





Storage

LIQUIFIED GASES STORAGE SOLUTIONS

We develop a full in-house engineering solution for low-pressure cryogenic tanks to store liquefied gases. Designed with double steel wall, roofs and bottom and using high performance insulation materials such as cellular glass, expanded perlite, mineral wool.

We have both technical skills and financial capacity to supply you with low pressure liquefied gas storage tanks from 500 to 15.000 m³ for industrial gases, and from 1.000 to 30.000 m³ for LNG, liquid ethylene and LPG.

Mechanical & seismic design

- API620, API650, ASME
- EN14620, EN14015, EUROCODE

External Access

- EN ISO14122-1/3
- OSHA 1910.23 / 24

Other applicable local regulations

- EIGA/CGA/127/13/E
- NFPA 59A

Cryoline

HIGH VACUUM TECHNOLOGY TO DRIVE LIQUIFIED GASES WITHOUT HEAT-IN LEAKS

We give the solution to one of the most difficult issues during the transit of a cryogenic liquid between cold points such as LIN, LOX, LAR, LNG, LHe...: the heat in-leak.

Thanks to design softwares we are able to fully personalize your needs and desires. We also provide several accessories to make the solution even more tailored to the exact client's needs.

Directives:

- 2014/68/UE
- TRCU-032/2013

Design Code

- EN13480
- ASME B31.3

Welding Code & NDT Code

- ASME IX/V
- UNE-EN
- Company own standard for Helium leak test

Maritime Approval

- RINA
- Bureau Veritas

Gas satellite plants & fuelling stations

TURNKEY SOLUTIONS FOR YOUR GAS INSTALLATION

Filling Stations

SUPPLY, ASSEMBLY, AND AFTER-SALE SUPPORT FOR COMPLETE HIGH-PRESSURE GAS FILLING STATIONS

Tailor-made equipment

LARGE PRODUCTION CAPACITY ADAPTED TO YOUR NEEDS

Our 1500 m² facilities host a workshop with a separated clean room that allows us to produce your cryogenic equipment in accordance with your requirements. We lean on our team of certified welders and fitters, vacuum technicians and cryogenic mechanical technicians to create personalised tailor-made equipment.



Distribution

OFFICIAL PARTNERS OF THE BIG PLAYERS IN THE SECTOR

Cryostar Pumps

Cryostar is a leading brand for cryogenic rotating equipment, and we proudly distribute their main products:

- Reciprocating Pumps
- Transfer Pumps.



Neriki Valves

We supply valves for high-pressure gas with eventual residual pressure system for both cylinders and bundles.



Cryospain Services

TECHNICAL SUPPORT AND SUPERVISION
FOCUSED ON YOUR LONG-TERM SATISFACTION

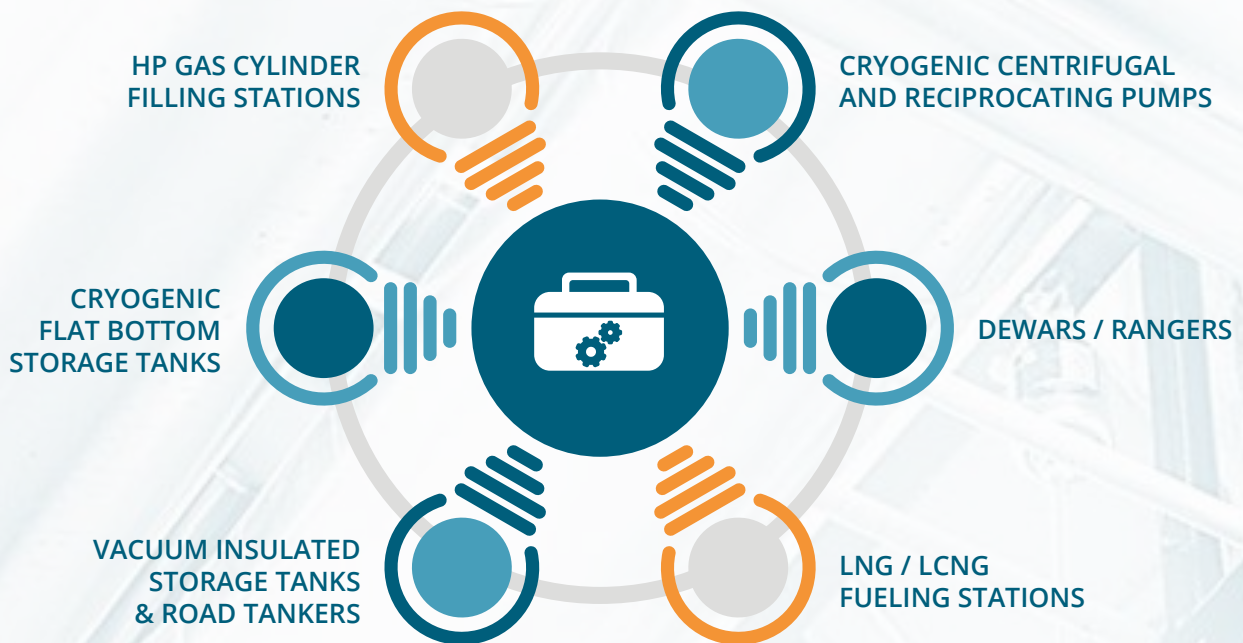


After-sales Services

Complete maintenance and repair services for all types of cryogenic equipment that includes:

- Review and analysis
- Corrective maintenance
- Pressure Test up to 420 bar
- Leak detection (Helium test)
- Repair
- Vacuum recovery
- Perlite filling

Maintenance Services



Engineering Services

- Basic engineering
- Detail engineering
- Training on Cryospain equipment
- Field Supervision
- Commissioning in the field
- Device Analysis
- Technical support
- Preventive maintenance study
- Predictive maintenance study



Business lines

ENGINEERING TAILORED TO THE NEEDS OF THE CRYOGENIC SECTOR



Storage



Cryoline



Plants & Stations



Tailor-made products



Distribution



Services



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