



OUR PRODUCT RANGE

■
Cryogenic Storage Tanks for Atmospheric Gases

■
Cryogenic Storage Tanks for CO2 & N2O

■
Cryogenic Storage Tanks for LNG

■
Thermosiphon Tanks

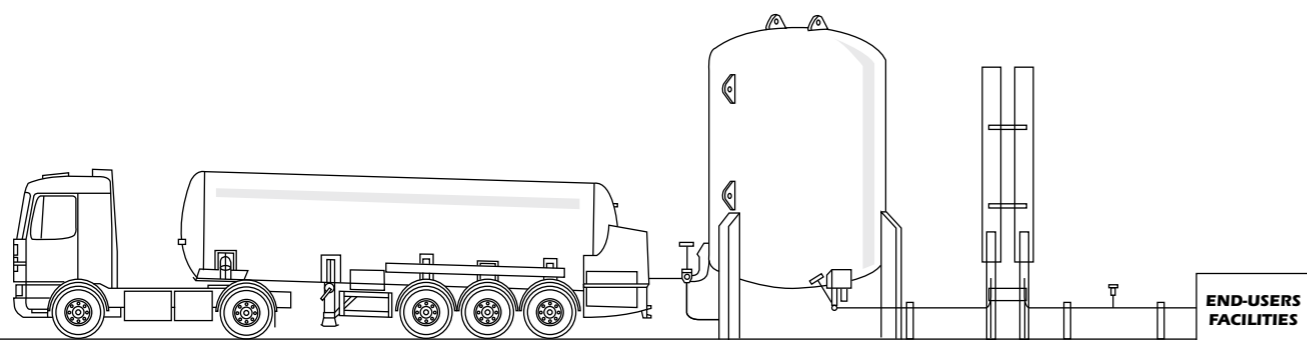
■
Cryogenic Semi-Trailers

■
ISO Containers

■
Rigid Tankers

■
Atmospheric Vaporisers

■
Associated Services



CERTIFIED ISO 9001 SINCE 1991

Agence Com'Bank - 01/2011 - Photos: Olivier Lévain

CCLINE 3

VERTICAL CRYOGENIC STORAGE VESSEL



**NEW
GENERATION**

FOR ATMOSPHERIC GASES



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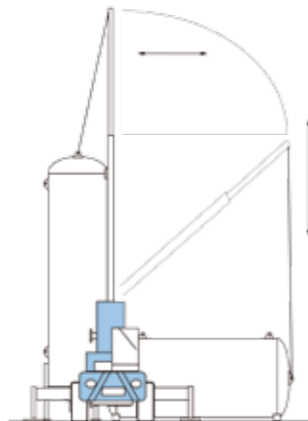


CELINE 3

A REDESIGNED CONCEPT

In reponse to the industries's needs to reduce total costs of ownership, Cryolor leads the way with the innovative CELINE 3, the very latest generation cryogenic tank. CELINE 3 tanks are designed for nitrogen, oxygen and argon service with a versions 17 and 37 bar. And as always, the CELINE 3 is based on a robust all stainless design.

● ONE CRANE LIFT



All tanks, from C3 to C63 are designed for one-crane erection to cut installation and handling costs.

● EASIER TRANSPORT AND INSTALLATION

Built-in transport legs and lifting lugs in stainless steel
No more wooden cradles for transport or storage



ADVANTAGES

● A WIDER RANGE OF STANDARD OPTIONS

The innovative modular piping system is designed and manufactured using standard, pre-assembled modules. As a result, the CELINE 3 range offers numerous combinations that can easily be adapted to your specific requirements.

● HIGH OPERATING RELIABILITY

Components selected for their reliability result in increased performance, easy maintenance and reduced cost of ownership. The simplified piping layout minimises the risk of leakage and facilitate maintenance:

- Easy pressure adjustment with the combined economiser-pressure build regulator
- Robust stainless to stainless welded piping and valves
- High performance safety assembly with dual safety valves and bursting disks as standard

● LONGER LIFE CYCLE

The tried and tested design - all welded stainless steel construction, insulation system and paint techniques - guarantee a longer, trouble-free life cycle with lower operational costs.

The CELINE 3 is the only tank on the market to use as much stainless steel in its standard design (including stainless valves, interconnecting piping, & PR coil).

● A WIDER RANGE OF APPLICATIONS

The extensive use of high-grade stainless steel eliminates the risks of contamination while making the equipment highly versatile.

CELINE 3 is used in such diverse applications as electronics, food, health care and laser industries.

● IMPROVED OPERATING CONDITIONS

- ▶ **Quicker filling and faster withdrawal rates :** thanks to the use of large diameter piping
- ▶ **Use for gas & liquid applications :** thanks to 2 separate, dedicated withdrawal lines.
- ▶ **User friendly, reduced risk of leakage :** thanks to fewer connections and the integration of the economiser and pressure build function into a single unit
- ▶ **Optimised distribution :** high quality, interchangeable level gauge systems can be fitted with optional switches and transmitters for use with a remote telemetry system



● SAFE & EASY TRANSPORT & INSTALLATION

Cut transport & installation costs thanks to the CELINE 3 design:

- ▶ **transport cradles and lifting lugs in stainless steel are welded onto the tank**
- ▶ **robust support legs :** mean the tanks can be erected using a single crane!
- ▶ **Simplified civil engineering :** thanks to the use of mechanical pegs

● SIMPLIFIED MAINTENANCE

- ▶ **Easier accessibility :** the simplified piping system is ergonomically designed with fewer connections for ease-of-access
- ▶ **Spare parts easily available in stock from our in-house warehouse**



● OPTIMAL SAFETY

CELINE tanks are equipped complete with high a performance safety system as standard including double relief valves and bursting disks to protect the inner vessel, and 2 outer vessel burst discs.

The support legs are calculated for Eurocode on wind and earthquake-resistance.

● RELATED SERVICES

CRYOLOR offers a complete range of services:

- ▶ refurbishment
- ▶ repairs
- ▶ transport
- ▶ installation
- ▶ commissioning
- ▶ site visits
- ▶ maintenance
- ▶ training
- ▶ consultancy



CELINE 3 complies with European Directive PED 97/23/CE