

# TANKER ORCA



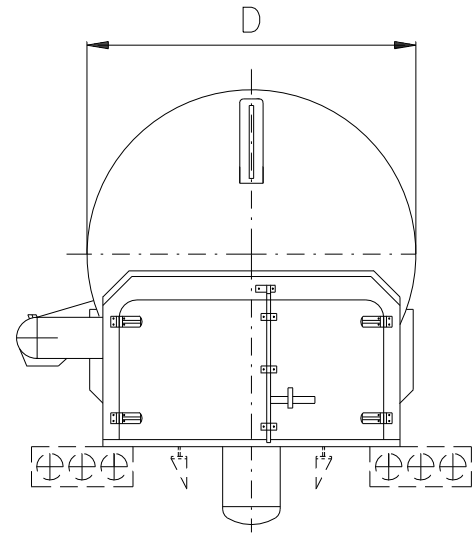
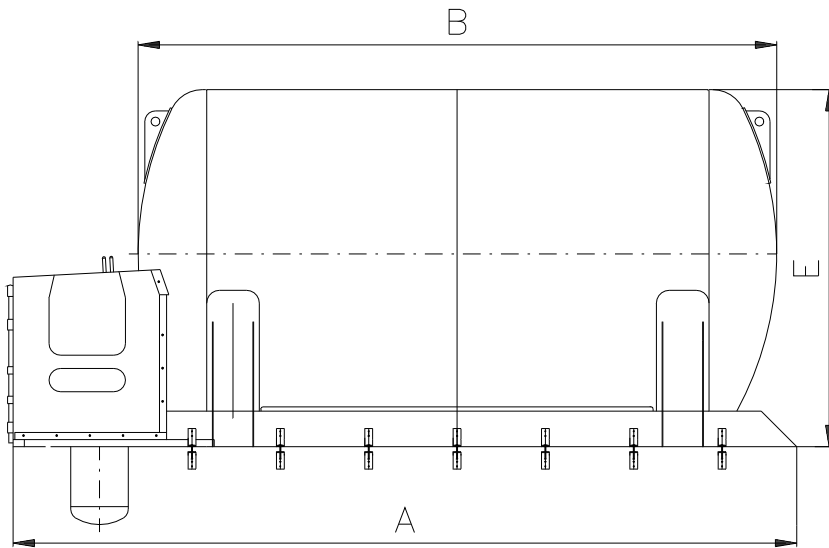
- ▶ Designed for transportation of liquid nitrogen, oxygen and argon.
- ▶ Available as 6 000 litres, 8 000 litres and 11 000 litres
- ▶ Designed to meet the stringent requirements of customers and regulations
- ▶ On-site filling of Permacyls and Micro-Bulk tanks at high speeds
- ▶ Completing an entire fill in minutes
- ▶ Low maintenance submerged pump for ORCA LIN/LAR for instant starts and continuous delivery
- ▶ The pump starting instantaneously with the push of a button
- ▶ Electronic and accurate measurement by flow metering system
- ▶ Automatization of the whole process eliminating the risk of human error
- ▶ Choice of high-grade materials for all parts of the ORCA
- ▶ Optimized design to be made with respect to safety, reliability and corrosion protection.
- ▶ Balanced ratio of capacity and the weight of the tank
- ▶ High performance of the equipment.
- ▶ Design and production in accordance with the European codes, standards and regulations for transportation of hazardous goods.
- ▶ Constructed for durability, long life, performance and low maintenance costs
- ▶ A two-shell vessel with a superinsulation Stainless steel inner vessel and interconnecting piping
- ▶ Carbon steel outer jacket with high performance paint.
- ▶ The highest working pressure of the inner vessel secured with three independent relief valves.
- ▶ Supporting bottom frame for installation to the truck chassis.
- ▶ Full ergonomic design of the rear cabinet and piping.
- ▶ Pressure gauges, differential manometer, connection points for pipe taking gas/liquid samples of the filling, relief valves as well as of individual lines are laid out in a clear manner, and are readily accessible.



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## Technical Specification



The picture shows ORCA for LIN/LAR

Type	Unit	ORCA 6/3,4	ORCA 8/3,4	ORCA 11/3,4
Water Capacity	litres	6050	8150	10920
Maximum Allowable Working Pressure	bar	3,4	3,4	3,4
Payload - Nitrogen	kg	4740	6390	8560
Payload - Argon	kg	8250	11110	14890
Payload - Oxygen	kg	6540	8810	-----
Tare Weight	kg	3050	3700	4200
Unit Length - A	mm	5100	5200	6300
Tank Length - B	mm	3600	4000	5050
Outer Vessel Diameter - D	mm	1850	2050	2050
Unit Height - E	mm	2010	2200	2200



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