



"Astra LT" AB

+370 315 51976

+370 315 52176

+370 619 85566

info@astra.lt
roadtanker@astra.lt

Ulonų 33 LT-62161, Alytus



PROBABLY BEST IN CLASS

This is Astra LT!



Tanks and pressure vessels in stainless steel.

Astra LT tanks are engineered and manufactured in a state-of-the-art facility in Alytus, Lithuania. Close cooperation between our engineers and end users helps us develop modern solutions. We have analysed many existing tankers in the European market and, together with end users, we have carefully studied the advantages and imperfections of present designs. We then have taken that information to develop our model, applying the latest technology to create the new Advanced Road Tanker.



Really lightweight. Only 6,130 kg is quite impressive for a 3-section 30 m³ pressure-less tanker equipped with a hygienic/air pressure unloading system. Every element is designed to reduce weight, chosen using weight criteria. Optimized sub chassis and tank body design, aluminium bumpers, adjustable aluminium feet, aluminium rims, an aluminium service platform, aluminium air spring supports, top-quality JOST DCA AIRMASTER axles engineered by Mercedes-Benz, with integrated braking system, pressure vessels and much more. Even Goodyear Fuel Max tyres have been chosen using weight criteria.



Perfectly insulated. Our tanker is insulated by a monolithic 110 mm layer of new, 5th generation environmentally friendly polyurethane. Fully closed pores ensure nearly no moisture absorption and the best thermal insulation properties there are. All 3 manholes and zones around them also carefully insulated. The extensive effort put into the insulation have yielded great results: the overall coefficient of heat transfer K is 0.360 W/m²K.



Made from Duplex stainless steel. Most food-grade road tankers are made from austenitic stainless steel. We decided to go one step further and develop our road tanker from Lean Duplex steel. This steel outperforms austenitic AISI 316 stainless steel in terms of corrosion resistance, but also has better mechanical properties, allowing for weight optimization. Automated welding and weld planishing technology have been specially developed for Lean Duplex steel in order to ensure quality welding and high productivity.



Probably best in class. We did our best in order to avoid sub-chassis corrosion—even in the intense winter weather of Nordic countries. Road salt is not a problem any more. Our sub-chassis is engineered from high-strength Swedish S700 steel and prepared for coating using the offshore gas and oil platform coating philosophy. The internal side of every single external sharp edge has been rounded down to R2, double ball blasted, then given a multilayer KTL coating, an additional layer of varnish, and a final layer of environmentally friendly Canadian developed KROWN anticorrosion treatment. Hot dip galvanized fastenings, anodized aluminium and stainless-steel components: all this truly makes our tanker better in terms of corrosion and rust-free operation, durability and reliability.

What starts out as a plate of stainless steel at Astra LT has now become a way to transport liquid materials around the world.

ABOUT US

Astra LT AB is one of the oldest Lithuanian companies in the metalworking sector, the most widely known in the region and Europe as a producer/exporter of tanks and pressure vessels to many European and worldwide countries. Astra is located in Alytus, a city in the south of Lithuania at a distance of 70 km from Kaunas, 110 km from Vilnius, 300 km from Klaipeda (sea port).

Company founded in 1929 with visionary idea in production of agriculture equipment. Since then, "Astra" experienced huge transformations but has always stayed true to its roots – the steel and already many years known as one of the leaders in production of tanks and pressure vessels in carbon as well as different types of stainless steel.

Our team is able to design/ produce and deliver to your location any transportable size tank or pressure vessel!



Astra – we know the way!

DESIGN AND PRODUCTION

BREWERY EQUIPMENT

- micro-breweries with automation
- fermenters
- yeast tanks
- FBT tanks
- CCT tanks
- CIP tanks

DAIRY

- milk storage tanks
- aseptic tanks
- yogurt production tanks
- milk pasteurizers
- equipment for curd cheese production
- milk floats
- milk accounting systems
- technological process automation

FOOD

- aseptic tanks
- process tanks
- alcohol tanks
- mixing equipment
- cooking equipment
- dryers

PHARMACEUTICALS

- aseptic tanks
- solution tanks
- reactors
- other equipment for pharmaceuticals production

TANKS FOR CHEMICAL INDUSTRY

- PET industry
- production of paints and varnishes
- oil refining industry
- fertilizer industry
- chemical manufacturing industry
- reactors and other equipment for various chemical applications

STORAGE TANKS

- storage tanks for liquid and bulk product

ROAD TANKERS

- road tankers – to transport liquid materials

OTHER EQUIPMENT

- production of non-standard products



CONTACTS

Main office and production:

Astra LT AB
Ulonu str. 33
LT-62161, Alytus
LITHUANIA

Phones:

+370 315 51976,
+370 315 52176
info@astra.lt

Raimundas Rucys
Marketing director
+370 610 63579
rucys@astra.lt

Edgaras Gubskis
Project manager
+370 611 57989
edgaras@astra.lt



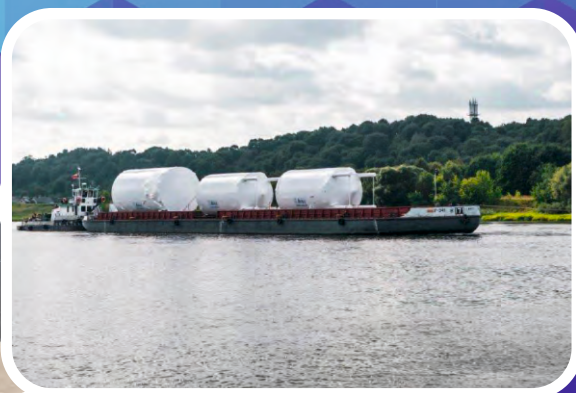
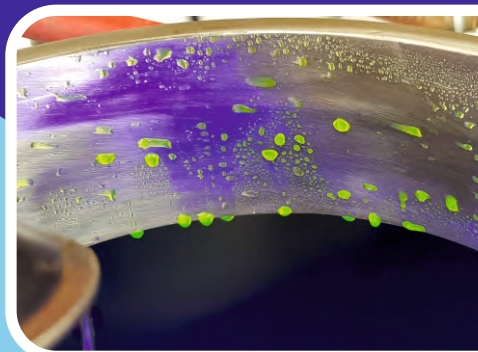
"Astra LT" AB



Our agent in Finland:
Arto Raikunen
+358 40 1735181
arto.raikunen@nsst.fi

Our agent in Sweden:
Robert Broberg
+46 70 3186440
robert.broberg@nsst.se







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+37031551976
+37031552176
+37061063579

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Lithuania