

A Polish company – global opportunities  
In line with quality, safety and sustainable  
development strategy



# Foreign expansion

Plastic tanks and installations

# From audit through design to production, installation and service

+20 years  
of experience

We are a manufacturing and consulting company that combines engineering know-how with manufacturing experience.

We specialise in the design and manufacture of chemical-resistant tanks and water tanks, created with the utmost precision and based on proven technologies.

## Non-pressurised and low-pressure industrial tanks made of plastic

- Storage tanks subject to supervision by the Technical Inspection Authority (UDT) for corrosive, toxic and hazardous substances, including caustic soda, hydrochloric acid, sulphuric acid, sodium hypochlorite, PIX/PAX coagulants, etc.
- Process tanks (technological)
- Storage tanks for non-aggressive substances, including glycol, brine, DEMI demineralised water, Clariant fluid, foaming agent, Horolith, grey water, hospital waste water, water, etc.

## Industrial installations, including connecting tanks to the entire system and commissioning

- Transfer installations – from filling and emptying stations for transport tanks to storage tanks
- Dosing installations – from storage tanks through skids/ dosing cabinets to medium collection points/technological installations
- Sodium hydroxide dilution systems – on-site preparation of the medium
- Ventilation and vapour sealing
- Filling and emptying stations with TDT Transport Technical Supervision approval
- Cabling, automation and control



### We do not compromise – we focus on quality, not apparent savings

We design durable and safe inspection tanks with a service life of 20–25 years.

### We facilitate the process of extending the service life

We equip inspection tanks with indicator elements that facilitate the examination of plastic degradation.

### We respond to the needs of Industry 4.0 and even 5.0

We implement the TankSense 360 system, which enables monitoring of the technical condition of tanks and recording of operating conditions in real time.



### Education based on experience and practical knowledge

At Amargo®, we believe that responsibility for installation safety does not end with the delivery of a product or service. It is a matter of maturity and awareness of the impact we have – both on our customers and on the entire industrial sector. That is why we have been running the TAED Tank Education Academy for years, where we share practical knowledge based on years of experience.

# Engineering, technological and manufacturing potential



Over two decades of market presence, hundreds of completed projects and unique know-how, backed by expert knowledge.



Modern production lines: three advanced production technologies that meet the high demands of industrial processes.



Authority of the Technical Inspection Authority (UDT) to manufacture, modernise and repair non-pressure and low-pressure tanks.



Certified fitters, compliance with strict standards and regulations, including DVS 2205 and Amargo® factory standards.



Wide range of materials: thermoplastics PE100, PE100 RC, PP-H, PP-C, PVC, PVC-U, PVC-C, PVDF, E-CTFE, PFA, as well as composite structures: GRP/TWS/FRP resins.



Our own laboratory and research and development department, as well as investments in new technologies.

## CARING FOR THE ENVIRONMENT

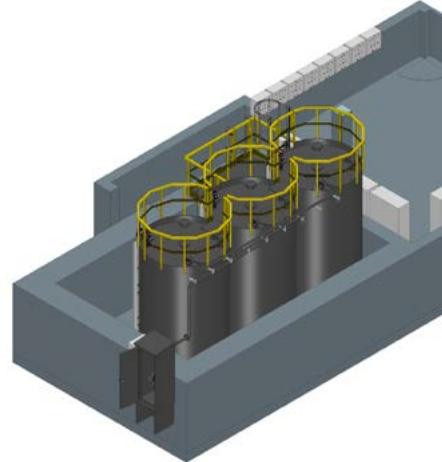
# In line with the sustainable development strategy

We fully understand the needs related to environmental protection and the transition to a circular economy.

- We design with the entire product life cycle in mind.
- We optimise the use of energy and raw materials in production.
- We manage waste and end-of-life products – we offer the possibility of regranulating used tanks and processing waste.
- We develop new business models in line with the principles of the circular economy,
- We support our customers in their circularity efforts by providing products with the lowest possible carbon footprint and environmental impact.

# We translate process requirements into infrastructure

We have completed numerous industrial investments. Such projects require precision and advanced know-how. We successfully support leaders in the aquaculture, food, chemical, cosmetics, automotive, energy and other sectors.



## Aquaculture



Refuelling, storage (3 tanks, 15 m<sup>3</sup> each) and dosing system for NaOH sodium hydroxide, equipped with the necessary sensors and complete automation controlling the equipment.

Complete refuelling and storage system (2 tanks, 40 m<sup>3</sup> each) with a sodium hydroxide dilution system, which optimises operating costs by eliminating the need for insulation and heating of pipelines on the premises. The installation is equipped with sensors and automation controlling the equipment and the process.

Sodium hydroxide NaOH refuelling and storage system (25 m<sup>3</sup> and 10 m<sup>3</sup> tanks), equipped with the necessary sensors and complete automation.

## Food industry



NaOH 50% storage tank with unloading and medium transfer installations – insulated and heated double-walled pipelines with a leak detection system.

Modernisation and reconstruction of systems for receiving media from TIR tankers and IBC containers (hydrochloric acid and NaOH), storage and feeding to processes in an operating plant and during uninterrupted production (thanks to replacement systems during the works). Ensuring the highest levels of safety, automation and control in line with current and future trends.

Comprehensive implementation of an industrial-scale chemical storage facility (concentrated nitric acid and caustic soda), including an unloading system, pipelines, agent reception and storage in tanks with spill containment basins, supply pipelines for cabinets/dosing panels, vapour purification system (water seal), control and power supply cabinets with a Siemens PLC controller and HMI screen. The system supplies the CIP system and communicates with signals from production lines, automatically selecting the intensity and operating parameters.

## Chemical, cosmetics and automotive industries



Process tank for aqueous sodium chloride solution and intermediate tanks for betaine and aluminium zirconium, together with substance transfer and dosing installations.

A set of 6 tanks for radioactive waste (11 m<sup>3</sup> each), located in a reinforced concrete underground chamber lined with a chemical-resistant coating.

Single-walled storage tank and process tank with equipment (level and overflow sensors, level indicators) and medium transfer and dosing system at the cataphoretic paint shop.

## Energy



A large-size demineralised water tank with a capacity of 60 m<sup>3</sup> and a height of 9 m, assembled on site from individual cylinder segments.

Tanks for transferring ion exchange resins (anion and cation) for the water treatment plant of a combined heat and power plant, together with pipelines and flexible connections for transferring and dedusting ion exchange resins.

# Foreign expansion in line with quality, safety and sustainable development strategy

Our development strategy involves consistent expansion into key European markets where customer values and needs are aligned with the Amargo® philosophy.

We focus on **Scandinavia, DACH (Germany, Austria, Switzerland), Central and Eastern Europe, and the United Kingdom** – regions with a strong culture of quality, environmental responsibility, and advanced technological requirements.

## The selection of these markets is not accidental

### 1 Values consistent with the Amargo® culture

The markets of Scandinavia, DACH (Germany, Austria, Switzerland), Central and Eastern Europe, and the United Kingdom are characterised by a strong culture of quality, safety, and transparency – the foundations on which the Amargo® brand has been built for years.

### 2 Environmental awareness

A high level of environmental responsibility and the need for durable, chemical-resistant plastic solutions open up opportunities for our innovative technologies.

### 3 Infrastructure modernisation and development

The growing demand for installation modernisation and safe storage and dispensing systems for aggressive media creates real opportunities for cooperation.

### 4 Experience and presence

We are already present in selected markets in the region, translating our know-how into the implementation of advanced and competitive solutions in the field of tank systems and chemical-resistant installations – this is a solid starting point for further development.



### Transparent and legal regardless of the country in which we implement the project

Our approach to cooperation is based on complete transparency and compliance with local laws, regardless of whether we are implementing a project in Poland, Norway, the United Kingdom or another European country.



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