



TANK STORAGE SOLUTIONS

METHANIZERS / DIGESTERS

> OIL & GAS - ENERGY



APRO INDUSTRIE

For more than 35 years, APRO Industrie has been designing, manufacturing, installing and performing maintenance on bolted steel tanks and roofs. Apro offers a turnkey solution for the storage of liquids.

Founded in 1987, APRO Industrie has quickly become a key player in the supply of liquid storage solutions for biogas.

Today, APRO Industrie represents:

- > Over 20,000 tanks in operation
- > Tanks with a capacity of up to 10 000 m³
- > Tanks installed worldwide
- > Global expertise in liquid storage

SOLUTIONS

Bolted metal tanks for biogas production.

[Design](#) · [Manufacturing](#) · [Installation](#) · [Maintenance](#)

APPLICATIONS

- > Mesophilic and thermophilic digesters
- > Hydrolysis tanks
- > Hygienization tanks
- > Post-digesters
- > Digestate storage tanks
- > Sludge silos

ADVANTAGES OF THE BOLTED SYSTEM

- > Competitive price
- > Reduced transport costs (compact tank kit delivered on site)
- > Factory-controlled quality of the tank kit (integrated unit)
- > Durable solution
- > Simple, fast, and safe assembly
- > Modular (volume augmentation, disassembly, and reassembly possible)
- > Simplified maintenance

SERVICES

We share our experience and expertise through:

- > An engineering office dedicated to the design of our tanks for any geographical location
- > A production unit that gives us complete control over the manufacturing process
- > An efficient logistics service in France and worldwide
- > A team of project managers ensuring consistent follow-up and technical management from design to commissioning
- > Experienced supervisors and technicians trained to comply with all regulatory requirements
- > A reliable and responsive after-sales service
- > A QHSE culture based on continuous improvement (MASE certification)
- > Technical support available worldwide

STANDARDS

Our tanks :

- > Meet the design codes EUROCODES/AWWA, and other specifics design standards
- > Are designed to withstand local environmental conditions (seismic activity, wind, snow)

METHANIZER / DIGESTERS

APRO Industrie tanks are entirely prefabricated in our factory to guarantee an optimal and consistent quality level.

STRUCTURE

- › Our cylindrical tanks are made of factory-prefabricated metal panels, delivered as a kit and bolted together on site
- › We offer different materials, adapted to each use and type of stored product:
 - Glass-fused-to-steel (enamelled)
 - Epoxy-coated steel
 - Stainless steel (304, 316L)
 - Galvanized steel

WATERPROOFING

The waterproofing of the structure can be ensured by a :

- › Liner (prefabricated in factory to the dimensions of the tank)
- › Mastic joint (applied between the panels)

TANK ROOFS :

- › We offer roofs designed for our tanks and their contents. They are self-supporting and made of materials suitable for the stored liquids as well as potential gas zones:
 - Aluminium roofing
 - Composite or GRP roofing
 - Glass-fused-to-steel, epoxy, or stainless-steel roofing
- › These roofs provide excellent resistance to saline environments, industrial processes involving chemicals, and wastewater treatment plants.
- › Their high resistance to corrosion and UV rays ensures an exceptional service life.

CONCRETE SLAB

- › Our tanks are anchored on a concrete slab, which provides a stable mechanical base
- › In the case of mastic sealing, the slab serves as the tank floor.
- › The concrete must therefore be treated and/or coated with a suitable resin to ensure watertightness. A metal floor can be provided upon request.

ACCESSORIES AND OPTIONS

- › Lateral manway
- › Single or double flange connections
- › Specific openings for the installation of an agitator
- › Support of piping and guide bars
- › Agitator and hydro-ejector
- › Roof inspection hatch
- › External ladder with safety cage, reinforced lateral platforms with inserts, and brackets for handling internal equipment



> FIRE PROTECTION

> URBAN AND INDUSTRIAL EFFLUENTS

> OIL & GAS - ENERGY

> POTABLE WATER & PROCESS WATER

> TANK COVERS

> MAINTENANCE AND ANCILLARIES



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