



TANK STORAGE SOLUTIONS

BOLTED FIREFIGHTING WATER TANKS > FIRE PROTECTION



APRO INDUSTRIE

For over 35 years, APRO Industrie has been designing, manufacturing and building modular bolted steel tanks, offering turnkey solutions for liquid storage. Founded in 1987, APRO Industrie has quickly become a major international player and a trusted brand in the fire protection market.

Today, APRO Industrie represents:

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

SOLUTIONS

Bolted steel tanks for liquid storage.

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

APPLICATIONS

- > Fire sprinkler water storage tanks
- > Firefighting water storage tanks
- > Antifreeze mixture tanks (glycol)
- > Firefighting water recovery tanks

ADVANTAGES OF THE BOLTED TANK TECHNOLOGY

- > Competitive pricing
- > Custom dimensions
- > Short manufacturing lead times
- > All parts manufactured in a factory-controlled environment
- > No on-site welding required
- > Reduced transport costs (tanks delivered as bolted kits)
- > Simple, fast, and safe assembly (can be installed by local workforce)
- > Modular design (easy disassembly, reassembly, and upgrades)
- > Low maintenance
- > Long service life

SERVICES

Our know-how and experience are demonstrated by:

- > An integrated engineering department capable of designing tanks for installation in any geographical area
- > A dedicated production unit with full control over the manufacturing process
- > An efficient logistics service with worldwide reach
- > A team of project managers who ensure continuous follow-up and technical management from design through commissioning
- > Experienced supervisors and fitters who install all tanks in full compliance with technical and regulatory requirements
- > A reliable and responsive after-sales service
- > A deeply rooted QSE (Quality, Safety, and Environment) culture, supported by a continuous improvement approach
- > Comprehensive support for international projects

STANDARDS

Our tanks:

- > Meet the standards of APSAD, NF EN12845, FM (Factory Mutual), EUROCODES, AWWA.
- > Are designed to withstand all climatic conditions (seismic, wind, snow)

BOLTED FIRE FIGHTING WATER TANKS

APRO Industrie tanks are fully prefabricated in our factory, ensuring a consistently high and reliable level of quality.

SHELL

- › Our cylindrical tanks are made of factory-prefabricated steel panels, delivered as a kit and bolted together on site.
- › The shell is reinforced with rim angles, curved to match the tank's diameter.
- › All structural elements are manufactured from hot-dip galvanized steel.

WATERTIGHTNESS

Tank watertightness can be achieved using:

- › Liner (a factory prefabricated technical membrane fitted to the tank's dimensions)
- › Mastic sealant (applied between panels)

COVERS

The cover protects the quality of stored water from light and external elements. It is self-supporting and made of profiled panels mounted on a galvanized steel frame. The cover is equipped with a lockable inspection hatch and a protective flashing around its entire edge.

CONCRETE SLAB

Our tanks are anchored on a concrete base, which supports the weight of both the tank and its contents.

ANCILLARIES

- › External aluminum caged ladder with maintenance platform
- › Lockable roof inspection hatch
- › Side manway at the base of the tank
- › Hydrostatic level gauge
- › Pipework (suction with anti-vortex plate, infill, overflow, drain, test-return...)
- › Brackets for external piping

OPTIONS

- › Access platform for the inspection hatch
- › External piping (filling, overflow)
- › External polyester coating, RAL color of your choice
- › Internal thermal insulation (shell and roof)
- › External cladding rails for mounting additional thermal insulation
- › Heating device with convection chamber
- › Water level control device



> FIRE PROTECTION

> URBAN AND INDUSTRIAL EFFLUENTS

> OIL & GAS - ENERGY

> POTABLE WATER & PROCESS WATER

> TANK COVERS

> MAINTENANCE AND ANCILLARIES



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