



PANELTANK SUPPLY

PRODUCT RANGE | 2026

MODULAR WATER STORAGE SYSTEMS

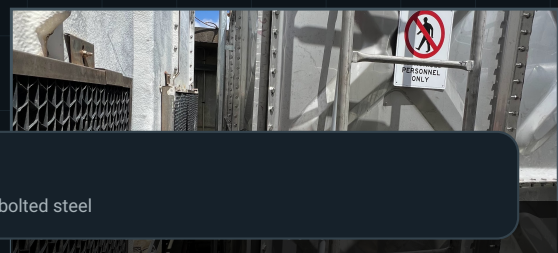
A multi-system approach to panel tanks - matching material, geometry and accessories to the project duty.



GRP / FRP - COMPLETED PROJECT



GFS - COMPLETED PROJECT



GRP / FRP

Sectional composite

GFS

Circular bolted steel

GALVANISED

Pressed steel

STAINLESS

Premium sectional



SELECT BY DUTY

One platform. Four material systems.

The right tank is selected around the stored service, required capacity, corrosion environment, access constraints, structural design and project standards.

SYSTEM	BEST FIT	KEY ADVANTAGE	DESIGN CONSIDERATION
GRP / FRP	Restricted access, potable/fire, plant rooms	Low mass + corrosion resistance	Panel layout + bracing design
GFS	Large circular water / wastewater / process	Scalable capacity + durable coating	Coating compatibility + roof/process loads
GALVANISED	Fire, building services, general water	Robust pressed-steel modular system	Exposure category + coating life
STAINLESS	Potable, food/process, coastal duties	Hygiene + grade-specific corrosion resistance	Correct grade + chloride exposure

SELECTION PRINCIPLE

CHOOSE THE SYSTEM AROUND THE DUTY - NOT THE OTHER WAY AROUND.

Panel Tank Supply can compare suitable material systems and configurations before a project is locked into one tank type.



PRODUCT SYSTEM

GRP / FRP Sectional Tanks

Lightweight modular storage for corrosion-sensitive and access-constrained sites.

MODULAR. LIGHTWEIGHT. CORROSION RESISTANT.



COMPLETED PROJECT - EXTERIOR

Key advantages

- **MODULAR FOOTPRINT**

Panelised construction can be configured around plant-room geometry and access constraints.

- **CORROSION RESISTANCE**

Composite panels avoid the rusting mechanisms associated with unprotected carbon steel.

- **FUTURE FLEXIBILITY**

Selected systems can be partitioned, extended or reconfigured where project conditions allow.

Typical applications

- Potable and process water
- Fire water storage
- HVAC make-up water
- Rainwater harvesting
- Industrial and mining water

Selection considerations

STORED MEDIUM

Confirm water chemistry, temperature, potable requirements and compatibility.

TANK GEOMETRY

Capacity, footprint, operating level, compartmentation and access clearances.

REINFORCEMENT

Internal or external bracing is selected to suit tank height, geometry and design loads.

ACCESSORIES

Hatches, vents, ladders, level indication, nozzles, drains and vortex control as required.



PRODUCT SYSTEM

Glass-Fused-to-Steel Bolted Tanks

Scalable circular bolted tanks for large-capacity water, wastewater and process storage.

DURABLE COATING. BOLTED CONSTRUCTION. LARGE CAPACITY.



Key advantages

● FACTORY COATED PANELS

Glass and steel are fused during manufacture to create a hard, corrosion-resistant surface.

● BOLTED SITE ASSEMBLY

Prefabricated panels reduce reliance on extensive site welding for the tank shell.

● SCALABLE GEOMETRY

Circular bolted construction supports a broad range of diameters, heights and capacities.

Typical applications

- Potable / process water
- Municipal and industrial wastewater
- Fire water storage
- Bio-energy / anaerobic digestion
- Leachate and sludge storage

Selection considerations

PROCESS DUTY

Stored medium, pH, temperature, chemical exposure and cleaning requirements.

DESIGN LOADS

Hydrostatic, wind, seismic, roof, platform and connected pipe loads as applicable.

COATING SYSTEM

Coating build, colour, testing and certification requirements are selected for the project duty.

ROOF / ACCESS

Hatches, platforms, ladders, vents, mixers and roof penetrations require coordinated engineering.



PRODUCT SYSTEM

Hot-Dip Galvanised Sectional Tanks

Robust pressed-steel sectional storage for fire, building-services and general water duties.

PROVEN. ROBUST. SERVICEABLE.



PROJECT INSTALLATION

Key advantages

- **PRESSED STEEL PANELS**

A familiar external-flanged modular format suited to on-site bolted assembly.

- **GALVANISED PROTECTION**

Hot-dip galvanising provides sacrificial corrosion protection to carbon steel components.

- **MODULAR MAINTENANCE**

Individual panels, seals and accessories remain part of a serviceable sectional system.

Typical applications

- Fire water storage
- Commercial building services
- Factory / process water
- HVAC make-up water
- Raw water storage

Selection considerations

WATER SERVICE

Confirm intended water quality, temperature and any limitations of the selected finish.

SUPPORT GEOMETRY

Continuous, level support to panel flange lines is critical to tank performance.

PANEL THICKNESS

Varies with tank height, panel format and engineering loads; final values are design-specific.

EXTERNAL ENVIRONMENT

Coating life depends on exposure category, maintenance and any additional protective requirements.



PRODUCT SYSTEM

Stainless Steel Sectional Tanks

Premium modular storage where hygiene and corrosion performance are key design drivers.

HYGIENIC. DURABLE. PROJECT-SPECIFIC.



COMPLETED PROJECT - EXTERIOR

Key advantages

- **HYGIENIC SURFACE**

Stainless steel provides a cleanable, durable surface suited to potable and process-water applications.

- **GRADE SELECTION**

Common grades include 304 and 316L, with final selection based on service and environment.

- **MODULAR CONSTRUCTION**

Sectional panels support custom footprints, compartmentation and on-site assembly.

Typical applications

- Potable water storage
- Food and beverage facilities
- Pharmaceutical / process water
- Commercial building services
- Coastal environments with appropriate grade

Selection considerations

GRADE SELECTION

Chlorides, external exposure, cleaning chemistry and stored medium drive material selection.

SURFACE TREATMENT

Welded components may require appropriate cleaning/passivation depending on the system.

STRUCTURAL SYSTEM

Internal or external reinforcement is selected to suit the tank configuration and design loads.

ISOLATION / PIPEWORK

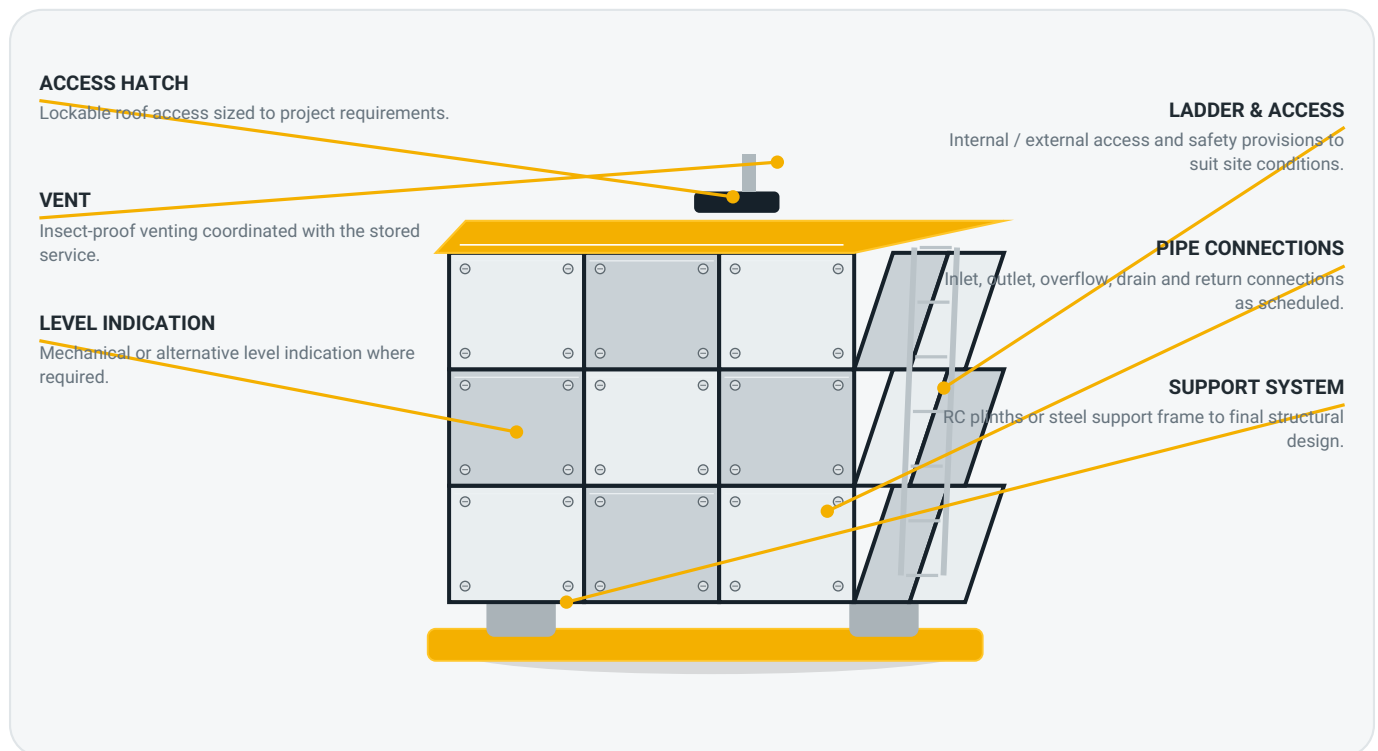
Connected piping should be independently supported and compatible with the tank material.



ACCESSORIES + INTEGRATION

A tank is more than the shell

Access, connections, support and operational details are coordinated with the tank system so the installation works as a complete package.



ACCESS

Hatches, ladders, platforms

HYDRAULICS

Inlet, outlet, overflow, drain

OPERATIONS

Level indication, vents, partitions

STRUCTURE

Plinths, frames, bracing,
seismic/wind design



PANELTANK SUPPLY

PROJECT SUPPORT

START WITH THE DUTY. THEN SELECT THE TANK.

A useful tank brief includes capacity, stored service, site constraints, required standards, connection schedule and access requirements. From there, the appropriate panel system and configuration can be evaluated.

01

DEFINE

Capacity, service, footprint

02

COMPARE

Material systems + layouts

03

CONFIRM

Technical submittal + design basis

04

SUPPLY

Tank kit + project accessories

Specifications, product availability and compliance requirements are confirmed against the final project design and product selection.