Bolted Stainless Water Tank

Factory-punched panels · SS304 / SS316 · Site-bolted assembly

A modular stainless steel tank assembled from factory-punched panels, sealing strips and fasteners. Designed for potable, fire, industrial and irrigation storage where a clean contact surface and site assembly without hot work are required.

Standard configuration

Item	Standard range	Project-specific options
Panel size	1000 × 1000 mm; 1000 × 500 mm; 500 × 500 mm	Other modular sizes subject to review
Panel thickness	1.5 / 2.0 / 2.5 / 3.0 mm	Confirmed against height, head and structural loads
Contact material	SS304 / SS316	SS316L where specified
Structure	Pressed panels, tie rods, supports	Stiffener and support layout per tank height
Roof	Flat or pitched stainless roof	Access hatch, vent, ladder, platform
Connections	Inlet, outlet, overflow, drain, vent	Flange standard and orientation per drawing
Sealing	Food-grade sealing strip	Project-specific seal approval where required

Typical applications

- Potable and domestic water storage
- Fire reserve where a bolted tank is accepted
- Industrial process and wash water
- Irrigation and landscape storage
- Wastewater where stainless grade is suitable

Quality and documentation

Stage	Record
Incoming material	Material certificate, grade and heat number
Panel fabrication	Dimensional inspection, hole pattern, flatness
Packing	Marked crates, packing list, seal and fastener kit
Site test	Water-fill test record; leak observation
Handover	General arrangement, installation manual, O&M, warranty

Enquiry data required

- Application and required usable volume
- Water analysis: chloride, pH, temperature, disinfectant
- Site location, base or roof arrangement, wind/seismic loads
- Connection schedule and flange standard
- Named standard, certificate or AHJ requirement
- Destination port and required delivery date

Certification note: material certificates can be provided. A specific product certification, listing or approval is claimed only where a valid document is issued for the proposed product and factory.