



NORMAB

STAINLESS STEEL - INDUSTRIAL DESIGN

Emergency Water Tank Swap Truck 10 - 13 m³

Drinking Water

STAINLESS
STEEL **ACID RESISTANT AISI 316L**





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Built For Tough Environments

Normab Emergency Water Tank 10 - 13 m³ on a demountable frame are our most popular models. Developed for those who value reliability, strength and easy handling in all environments. The tank is also made **entirely of stainless, acid-resistant steel AISI 316L**, which provides superior corrosion protection, long service life and a high level of hygiene even under demanding conditions.

VRM - Monitoring

VRM monitoring keeps your system stable and protected by tracking power and temperatures in real time—so you get reliable performance without compromise.

Remark: This option requires a plan



FULL PICKLING BATH - FULL IMMERSION

All stainless steel parts and accessories are dipped in a so-called pickling bath. This means that the entire tank has been completely dipped in a so-called pickling bath, to ensure that all welded areas are optimally pickled (acid passivated) and thus maximally resistant to rust.



A professional and long-term solution for emergency water management.

Thanks to well-thought-out design and construction, NORMAB's Emergency water tank 10 m³ combines durability, safety and performance at the highest level.

24-ton swap body chassis

The tank is built on a robust 24-ton demountable frame that is designed to handle shunting even when completely filled with water. The design provides high stability and reliable operation even under tough conditions. In addition, the frame is painted with a durable 2-component paint to resist weather, corrosion and mechanical wear for a long time. Thanks to this, the tank retains its appearance and function even with frequent use.

4 manholes

Four large manholes – (lockable safety hatches) make it safe and easy to inspect, clean and service the tank. The tank is equipped with a pollen filter that prevents dirt and particles from being carried in during operation.

Fully insulated pump and control cabinet

In the standard version, the front pump and control cabinet is fully insulated with 20 mm XPS insulation and 12 mm water resistant plywood, which allows for a more adaptable space. The advantages are higher sound absorption along with lower energy consumption.

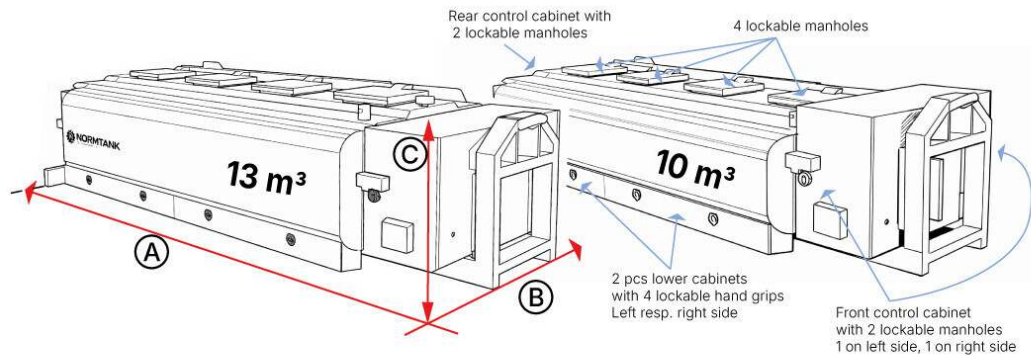
Hidden fasteners – Increased security

All cabinets use concealed hinges and fittings, making screws and fasteners inaccessible from the outside. This reduces the risk of tampering, break-ins, and accidental disassembly, while also giving a cleaner look and a more durable construction.





TECHNICAL DATA EMERGENCY WATER TANKS



Specification	10 m ³	13 m ³
Load exchanger chassis	SS3021 (24 ton)	SS3021 (24 ton)
Tank material	4mm AISI 316L*	4mm AISI 316L*
Pickling & acid passivation	Full	Full
(A) Length	6400 mm	6400 mm
(B) Width	2400 mm	2400 mm
(C) Maximum height	1432 mm	1635 mm
Water volume	10 m ³	13 m ³
Total weight empty tank ^{*1}		
Total weight filled tank ^{*1}		

* Can be manufactured in AISI 304 upon request

^{*1} Depends on configuration

BASIC CONFIGURATION

Volyme: 10 000 liter / 13 000 liter
4 internal baffles (water partitions)
4 lockable manholes
1 insulated front control cabinet
with 2 lockable manholes (Left/Right)
1 rear cabinet with 2 lockable
manholes (1 Left / 1 Right)
Hidden hinges and locking devices
Lockable valves
Pollen filter

OPTIONS / EQUIPMENT

The basic configuration can be equipped according to customer specifications.

- 4 lower cabinets with 2 lockable doors (2 Left / 2 Right) *
- Walkway with foldable safety railing
- Roof-mounted storage box
- Forklift pockets
- Lock for load exchanger
- Reflectors / decals
- Protective cover
- Insulated winter cover
- Lighting
- Tap water valve
- Ladder and brackets
- Frequency-controlled pump automation
- Small frequency-controlled pump automation
- Drainage pump
- Diesel-powered generator
- EAS – MOSA generator
- Winter operation / electric heater
- UV-C disinfection circulating water
- UV-C disinfection outgoing water
- Cleaning & disinfection system
automatic (8 pcs 316L rotating 360°)
- Connection for continuous filling
(combined water treatment container)
- Continuous filling
- Alarm system for manholes
- Remote monitoring VRM
- Manual alt. mobile hose reels
- Food-grade hose package
- VRM (monitoring via computer/mobile/tablet)
- Service agreement
- Startup training
- Training in handling emergency water tanks

* Cannot be combined with forklift pockets

Reservation for changes.



02

**Options
Description**

Options / Accessories

Normtank can be customized, equipped, and configured with a wide range of accessories. ** When the tank is manufactured in AISI 304, the corresponding change is also applied to the relevant accessories.*

1. Base cabinet with lockable doors

Two lower cabinets (one on each side) with two lockable doors. Dimensions: 4820 × 338 × 220 mm. A hose box underneath, mounted on each side for easy storage of hard hose up to 5 LPM. The hose is easily accessible even when the tank is mounted on the truck. The boxes are manufactured from 2 mm stainless AISI 316L sheet with lockable recessed handles.

Note: Base cabinets are not compatible with forklift power outlets.

2. Walkway with fold-down safety railing at manholes.

Walkway on the top side of the tank next to the manholes, as well as a foldable railing with a simple locking mechanism in the raised position.

3. Top-mounted storage box

Dimensions: 4820 × 500 × 400 mm. The box is made of 2 mm stainless steel AISI 316L and has two lids with recessed handles for locking.

4. Forklift pockets

With forklift pockets, the tank can be handled using a forklift when it is not in use or needs to be moved. The forklift pockets fold in between the tank and the hook-lift frame.

5. Lock for hooklift

Custom-made lock in stainless acid-resistant steel AISI 316L with lock cylinder, designed to be locked around the loop on the hooklift frame.

6. Reflectors / decals

With the text "Drinking Water" or according to customer requirements.

Options / Accessories.....

7. Protective cover

Protective cover (800 g) with fastening device, with or without opening for hose connection. Color Grey or Green

8. Insulated winter cover

Insulated winter cover (800 g) with fastening device, with or without opening for hose connection. Color Grey or Green

9. Lighting

Detachable LED lamp post for illuminating a water standpipe.

10. Tap water valve

Pressure booster unit for a single tap after a booster pump. Running time approx. 15 seconds with a flow of 12–20 L/min.

Note! Can only be combined with a booster pump package.

11. Ladder and brackets

Lockable rear mount with a 2 m aluminum ladder.

12. Variable-speed pump unit

Fully automatic **IE-5** classified booster station with a variable-speed vertical multistage pump in stainless steel. The system is delivered complete, tested, and ready for installation – developed for high operational reliability, low energy consumption, and easy integration.

Rated power: 2.2 kW

Power supply: 3~400 V, 50 Hz

Rated current: approx. 5 A

Protection class: IP55

Max operating pressure: PN16

Nominal flow: approx. 4 m³/h

Max head: approx. 100 m

Medium temperature: 0–70 °C

Noise level: < 70 dB(A)

Wetted parts material: Stainless steel



Options / Accessories.....

13. Small variable-frequency controlled pump unit

Pump with a stainless-steel pump housing. The pump is permanently mounted in a stainless-steel cabinet with an external hose connection. The cabinet is heated and, for extra security, lockable to prevent unauthorized access to the equipment. Cabinet dimensions: 870 × 1980 × 1200 mm (L × W × H), providing space for a hose inside the cabinet next to the pump.

14. Evacuation Pump

The evacuation pump is an optional upgrade that replaces the gasoline-driven centrifugal pump while maintaining nearly the same flow curve. The pump is also compatible with the generator and can run on both external and internal power. Pump capacity: approximately 8 liters per second.

15. Diesel-powered generator

Yanmar (MOSA) GE-S 6500 three-phase generator, adapted and installed inside a cabinet in front of the water tank. A separate 70-litre fuel tank is mounted above the generator. An exhaust pipe is manufactured and installed with the outlet on the front of the cabinet, directed downward. A fan is installed inside the cabinet with airflow directed forward/downward under a protective cover to ventilate the cabinet during summer.

16. EAS – MOSA generator set

Automatic control panel for auto-start of the generator. It monitors the mains voltage and automatically starts the generator if the mains power fails. Can be connected to VRM.

17. Electric Heater – Winter Operation

Stainless steel electric heater. Activates when the temperature drops below 4°C. This is controlled via the HMI with various configuration options. The purpose is to maintain the water temperature at approximately 2–10°C. An installed circulation pump ensures an even temperature throughout the tank.

Options / Accessories.....

18. UV-C disinfection for circulating water

UV-C filter (140W) on a dedicated loop for the circulation system. The water does not remain stagnant in the tank while being UV-C disinfected.

19. UV-C disinfection of outgoing water

UV-C filter (140W) on the outgoing water as a safety barrier.

20. Cleaning, disinfection system – CIP

Pipeline with 8 rotating nozzles for efficient cleaning and disinfection. Made of stainless acid-resistant AISI 316L steel.

21. Connection for continuous refilling

For refilling fresh water via float valve. Can also be used to refill drinking water from a nearby water kiosk.

22. Connection for continuous refill / combination

For refilling fresh water combined with a mobile water purification container.

Mobile workhorse:

Our popular mobile boogie trailer, 1.5–2 cubic meters.



Options / Accessories.....

23. Alarm system for access hatches

Alarm system for monitoring access hatches

24. Remote Monitoring VRM

Operation via grid connection or generator. With VRM you have full control of the water tank. Monitoring via computer, mobile phone, or tablet. Information about GEO position, alarms via email to operating staff, and real-time display of:

Water temperature - Ambient temperature - Fuel volume - Water volume Generator operating hours - Manual start/stop of generator - Heating operation - Energy consumption - GEO position - EAS for MOSA generators is included in this option.

25. Manual hose reel

Manual hose reel for cabinet installation (1980 × 890 × 300). Can also be mounted on the hook-lift frame.

26 Mobile hose reel

Mobile hose reel for installation in cabinet (1980 × 890 × 300). Can also be mounted on the hook-lift frame.

27 Food-grade approved hose kit

The standard hose kit includes three different roll lengths: 5, 10, and 25 meters of flat-rolled food-grade hose (2½").

28. Startup training

Startup training upon delivery of a new water tank. Functional description and training. Duration approximately 4 hours.

29. Training in Emergency Water Tank Management

Training that provides in-depth knowledge on handling emergency water tanks. Advanced knowledge of cleaning and disinfection, as well as knowledge of governing documents and CIP.

Options / Accessories.....

30. Water crab

Water crab for distribution of tap water. Several variants that are customized to customer need.



31. Service Agreement

The service agreement can be signed with a separate service organization. It is tailored to your needs and to the location of your water tank(s). Service is provided throughout Sweden and is dispatched from the service organization's office. All service is carried out on-site at your premises. Telephone support is included. In the event of repairs, a 48-hour response time applies and will be charged according to the current agreement. Agreements can also be signed for existing units.

Other Terms

Delivery and Payment Terms

Prices: Stated excluding VAT.

Payment terms: 50% of the amount is paid upon order and 50% upon delivery, with payment terms of 30 days net.

Delivery terms: EXW, Uddevalla, or as otherwise agreed separately.

Delivery time: Delivery is calculated from the moment the funds have been registered in the seller's bank account.

Other: General delivery terms according to NL 01.

We reserve the right for printing errors and future changes.

Normab

Innovative stainless steel system solutions for demanding environments.

Technical precision, thoughtful design, and long-term performance. We develop and manufacture system solutions in acid-resistant stainless steel for environments where reliability, longevity, and safety requirements are high. With in-house design, engineering, and production, we create robust solutions for industry, infrastructure, and technical applications—where function and durability are critical over time.

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