

Unitech and Multitech storage and transport tanks expertise in container technology





Our experience for your safety

Uni/Multitech tanks are the result of the latest design and production technology. Forty years ago, Roth devised the double-walled plastic tank with a steel outer casing. Since that time, this steel/PE tank has proved itself 100,000 times over. First developed as a so-called "household tank" for storing heating oil, this container design has been constantly further developed.

Roth Unitech and Multitech

The inner tank is made of tried-and-tested high molecular HDPE, which is blow moulded without seams. The outer tank consists of steel plate galvanised on both sides. The patented beading protects the materials and joins the steel plate outer tank to the HDPE inner tank in a firm and permanent manner.

The outer tank acts as a collecting trough with a 100% collection volume in relation to the inner tank.

A leak probe integrated as standard monitors the tank interspace.

The use of high-quality materials and the leak-monitored metal encapsulation of the inner tank make this design extremely suitable as an individual tank for storing liquids hazardous to water in the household and commercial sector. Integrated handles allow the containers to be easily manipulated. The low centre of gravity provides a high degree of stability.

■ Roth Unitech (UT) storage containers for fixed installations

Unitech tanks are approved storage containers for water-hazardous liquids with a flash point >55 °C, for fixed installation in rooms of buildings without additional collecting space, as individual containers.

	Length	Width	Height*	Weight	Storage permit
400 litres	740 mm	700 mm	1180 mm	50 kg	Z-40.21-362
750 litres	980 mm	760 mm	1420 mm	72 kg	Z-40.21-29
1000 litres	1280 mm	760 mm	1420 mm	94 kg	Z-40.21-29
1500 litres	1630 mm	760 mm	1860 mm	151 kg	Z-40.21-283

■ Roth Multitech storage and transport tanks – Transport hazardous goods in safety

Multitech containers are approved for transporting hazardous goods of packaging group II or III. They are suitable as bulk packaging for transporting hazardous goods (liquids) in accordance with the dangerous goods regulation on transport by road, rail and inland navigation (GGVSEB), and in accordance with the dangerous goods regulation on transport by sea (GGVSee). The fixed steel pallet allows fork lift trucks or pallet trucks to get underneath.

	Length	Width	Height*	Weight	Storage permit	Bulk packaging permit
400 litres	740 mm	700 mm	1180 mm	50 kg	Z-40.21-362	D/BAM 6403/31HA1
750 litres	980 mm	760 mm	1460 mm	82 kg	Z-40.21-29	D/BAM 11580/31HA1
1000 litres	1280 mm	760 mm	1460 mm	110 kg	Z-40.21-29	D/BAM 11580/31HA1
1500 litres	1630 mm	760 mm	1900 mm	165 kg	Z-40.21-283	D/BAM 6404/31HA1

* Height to top edge of container spouts



tanks – good for sure

Roth Unitech and Multitech tanks have many different uses

■ Strict safety:

The totally corrosion-free inner tanks and the fully galvanised, corrosion-proof beaded outer tanks are tested for leaks.

■ Optimal dimensions:

- The compact dimensions of the Unitech/Multitech tanks in the 400 l, 750 l and 1000 l sizes means that no additional stepladder is necessary when using them.
- Maximum storage volume with the smallest space required.

■ Storage media:

- EL heating oil according to DIN 51603,
- Diesel fuel according to DIN EN 590,
- FAME according to DIN EN 14214 and 14213,
- Heating oil according to DIN V 51603-6 EL A Bio,
- Lubricating oils, hydraulic oils, heat transfer oils Q, alloyed or unalloyed with flash point over 55 °C,
- Lubricating oils, hydraulic oils, heat transfer oils Q, used oils, flash point over 55 °C (origin and flash point must be verifiable by the operator),
- Vegetable oils such as cottonseed, olive, rapeseed, castor or wheat germ oil in any concentration.

■ Perfect quality:

Constant material and production checks and TÜV-monitored, ISO-accredited production ensure consistently high quality. Years of maintenance-free operation, safeguarded by our long-term guarantee of 5 years.

■ Installation:

The Unitech/Multitech tanks are officially approved for installation without any additional collecting trough or collecting space. Mounting Unitech/Multitech containers as storage tanks is only permitted as an individual tank installation

in rooms of buildings. (Distance to wall at least 50 mm on three sides, at least 400 mm on a long side.)

Up to a filling volume of 1000 l, it is permitted to fill tanks using a self-locking nozzle with unrestricted flow, at a flow rate of max. 200 l/minute.

■ Scope of delivery:

- optical leak probe and level indicator fitted as standard,
- base frame fitted as standard for fixed installation ensures adequate ventilation under the tank.

■ Accessories for Unitech/Multitech containers:

- Hand pump 0.06 l/stroke,
- optical and acoustic leak warning device – sensor probe must be ordered separately! (e.g. for liquids of water hazard class III such as waste oil, prescribed in some federal states.)
- Extraction and ventilation kit for individual tank,
- Accessories, gland locking nuts with gaskets and ventilation with foam filter,
- W40 electric pump with siphon protection, suction hose nozzle (automatic nozzle optional).

All Unitech/Multitech tanks are fitted with four spouts:

- Extraction spout with 2" internal thread for electric or pneumatic drum or piston pump as well as fastening for pump holder,
- Filling spout with 2" internal thread,
- Spout to attach the level indicator,
- Extra spout e.g. for installing a ventilation device.





All the advantages at a glance

- Roth Unitech tanks for the **safe storage** of water-hazardous liquids
- Roth Multitech containers for the **safe storage and transport** of hazardous goods of packaging group II or III
- For installation without collecting trough
- Inner tank made of tried-and-tested high-molecular HDPE
- Outer tank made of steel plate galvanised on both sides
- Permanent and patented beading on the steel outer tank
- Includes leak probe, level indicator and base frame plus a full range of accessories
- Integrated handles make transport easier
- TÜV-monitored and ISO-accredited production
- 5-year long-term guarantee

Roth

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