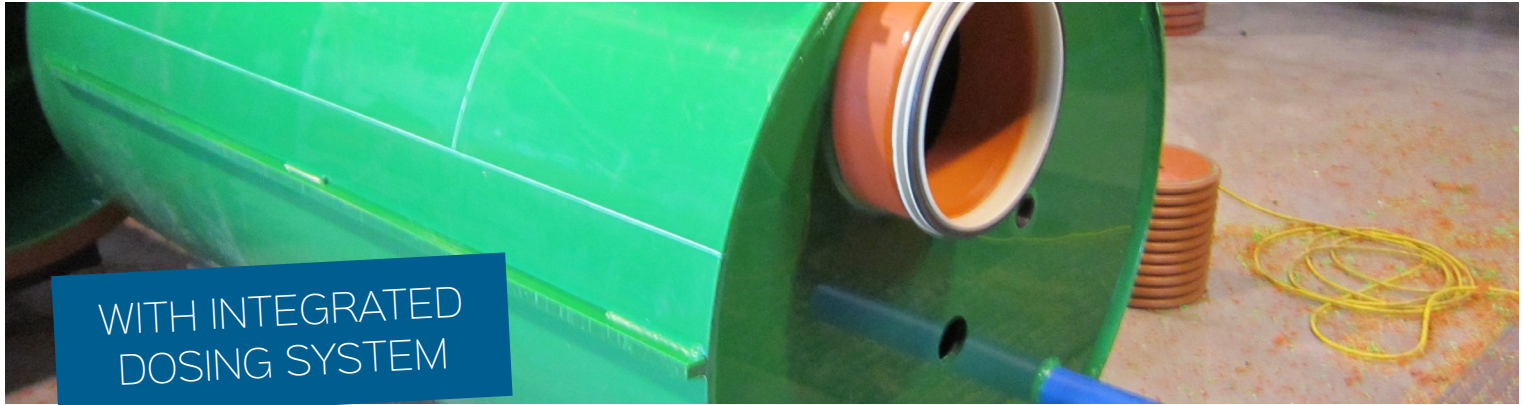


VTA Erdtank

For effective odour control.



WITH INTEGRATED DOSING SYSTEM

The **VTA underground tank** offers the facility to store and dose VTA system products for odour control below the surface – an ideal solution for municipal sewer network pumping stations.

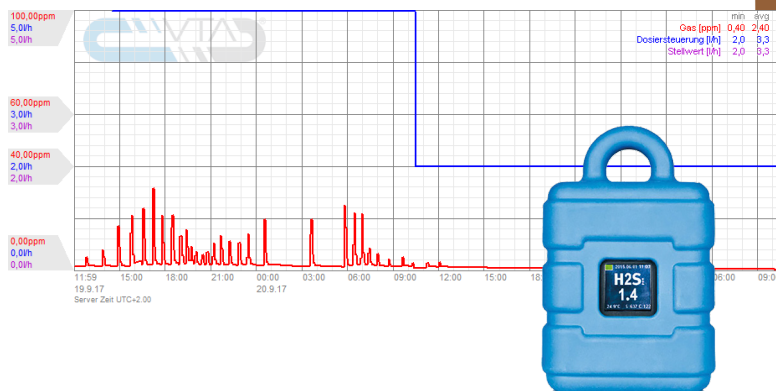
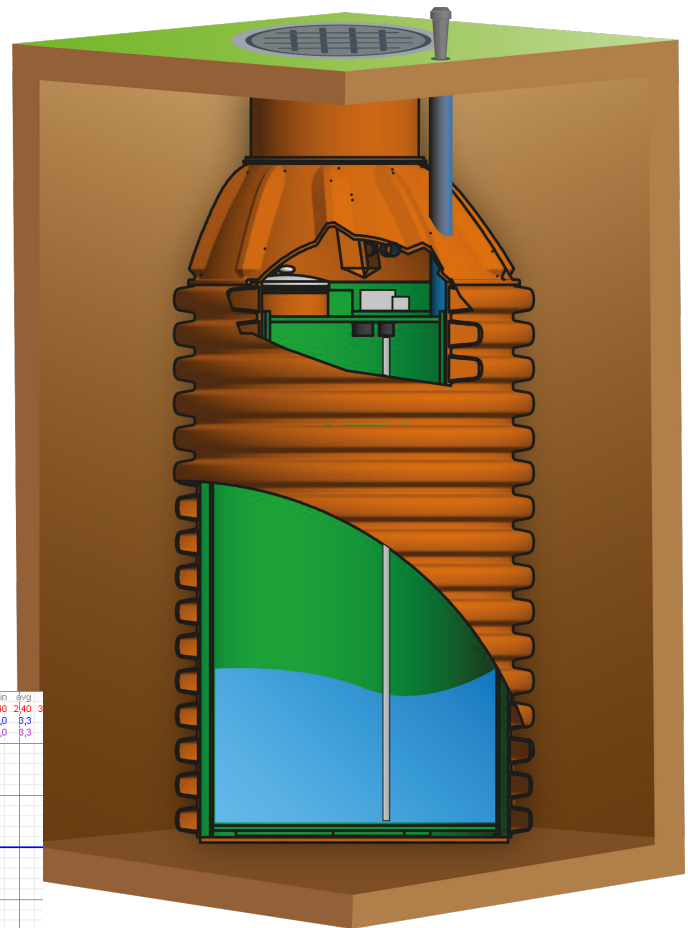
The corrugated outer profile of the double-walled storage tank is robustly engineered to withstand the pressure loads of the surrounding soil. The positioning of the dosing and control equipment within the domed roof space means that they are always easily accessible from the ground-level access cover.

Product dosing is via state-of-the-art diaphragm metering pumps, while the inter-space is monitored by means of a leakage probe.

A range of system options is available – for example, continuous level measurement and / or overflow protection can be selected.

There are two options for tank filling – either directly via the service opening or via a separately installed filling line.

In addition, VTA offers remote monitoring and control – dosing is controlled online via the H2S server (H2S probe, GPS terminal).



VTA AUSTRIA GMBH
 VTA TECHNOLOGIE GMBH
 Umweltpark 1
 A-4681 Rottenbach
 Tel: +43 7732 4133

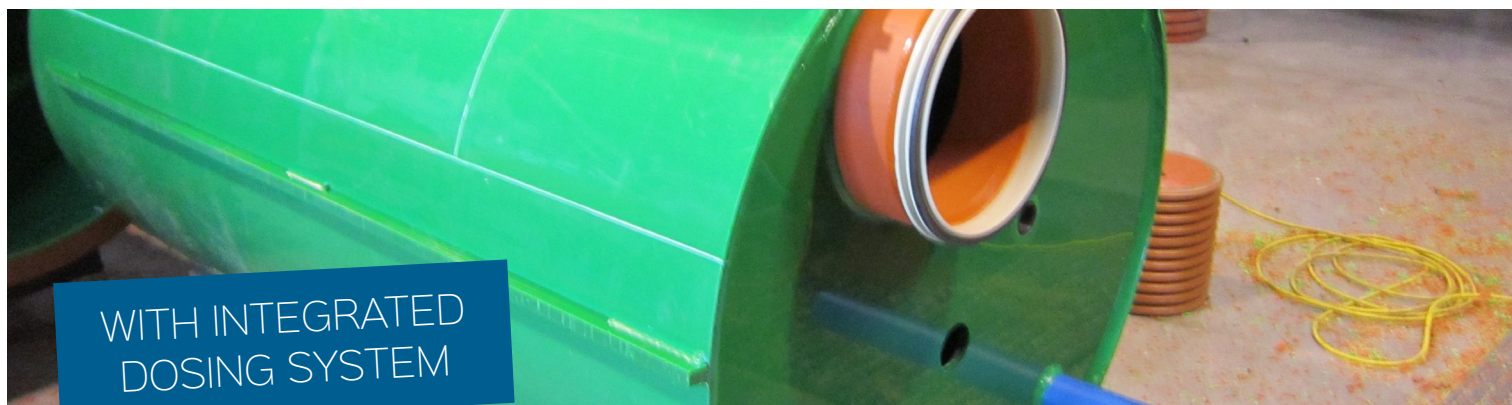
VTA Deutschland GmbH
 Henneberger Str. 1
 D-94036 Passau
 Tel: +49 851 988 98-0

VTA Schweiz GmbH
 Kalchbühlstrasse 40
 CH-7000 Chur
 Tel: +41 81 252 27-09

VTA Česká republika spol. s r.o.
 Větrná 1454/72
 CZ-37005 České Budějovice
 Tel: +420 385 514 747



www.vta.cc
 vta@vta.cc



VTA underground tank – Data & Facts

STANDARD VERSION

Construction Material:	Polypropylene
Inner Tank Design:	Cylindrical, flat-bottomed tank with flat roof
Outer Tank Design:	Corrugated profile with domed roof and lid
Volume:	1–3 m ³
Diameter:	max. 1353 mm

INLETS/OUTLETS

Access hatch:	DN 300, with clamping ring
Vent:	PP Pipe, 75 OD
Cable entry:	DN 50 push-fit socket
Dosing outlet:	DN 50 push-fit socket
Instrumentation:	Connections as required
Outer lid:	DN 600, non-trafficable, rain resistant, non-submersible. Completely sealed, trafficable, lockable versions optionally available.

BUILT-IN EQUIPMENT

Diaphragm dosing pump:	Grundfos DDA, 0-200 l/h (variable, with display)
Leak detection:	BAMO IER, Maximat LW CX
Level probe (OPTION):	Endress + Hauser, Micropilot FMR 10
Overfill protection (OPTION):	BAMO IER, Maximat CX

CONNECTIONS

Electrical:	via 50mm pipe, direct to each device
Dosing:	via 50mm pipe, direct to pump Conduit (connection push-fit socket) with reinforced PVC hose
Vent:	vent pipe can be extended as required
Filling:	via access hatch or separate filling line (OPTION)