

Irrigation Systems

Tunetanken Irrigation Systems collect drainage water from the silage pits and other concrete and asphalt covered areas.

The system consists of a sand trap and collection tank made from fiber-reinforced composite. The collection tank comes complete with a pumping system and irrigation cannons*.

Comes with

- > Sand trap: 2,875 ltr.
- > Collection tank ranging from 25 m³ to 99 m³.
- > Pumping system**:
Grinder pump TT-1 pump,
performance max 9 m³ at 4 Bar, or
Grinder pump TT-2 pump,
performance max 16 m³ at 4 Bar, or
Grinder pump TT-3 pump,
performance max 24 m³ at 4 Bar.

- > Irrigation Cannons:
Spread radius 28-34 m, spread area 2,464-3,633 m².
Spread diameter is determined by the height and the distance between the pump and the cannon.
- > Irrigation pipe Ø90-8 Bar.

Design

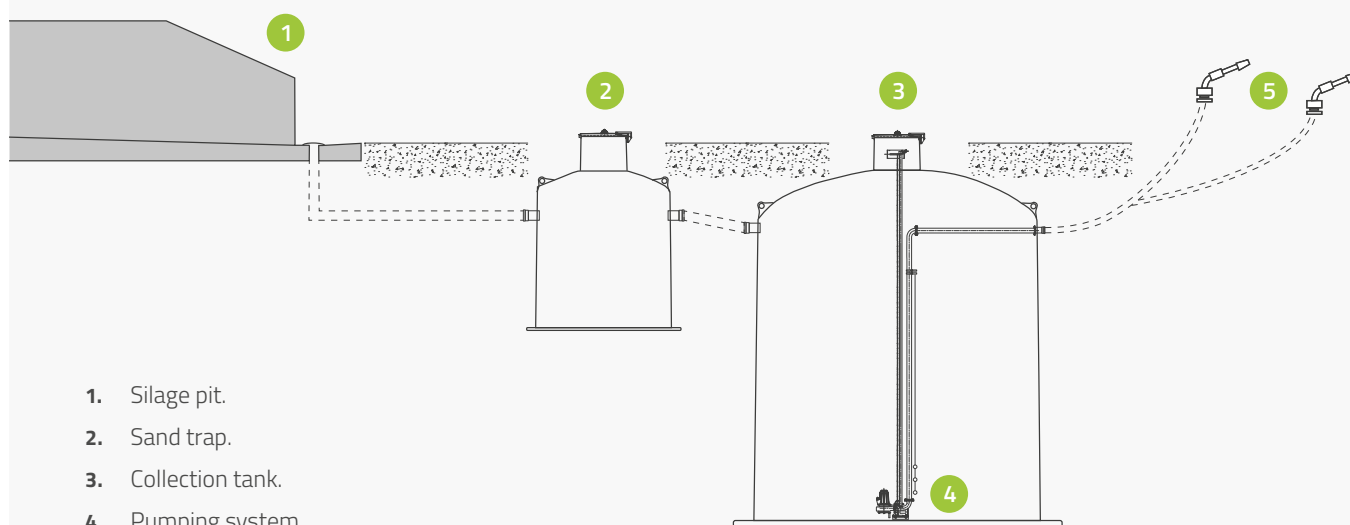
Sand trap and collection tank:

- > Corrosion resistant and chemically resistant.
- > Standard colour: Grey-white (RAL 9002).

* Each system is calculated individually.

**Pumping system is delivered pre-installed in the collection tank.

How it works



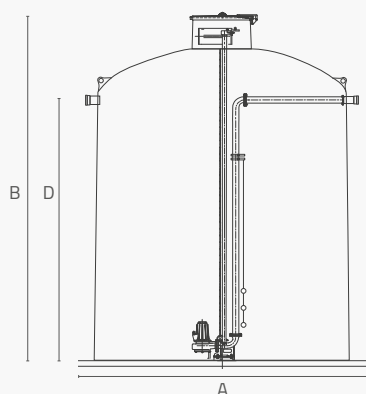
1. Silage pit.
2. Sand trap.
3. Collection tank.
4. Pumping system.
5. Irrigation cannons.

Price examples

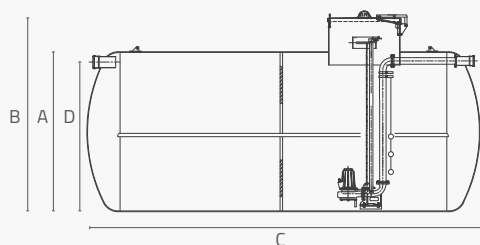
	Unit	Size of collection area – m ²								
		2,000	2,500	3,000	3,500	4,000	5,000	6,000	7,000	8,000
Sand trap, Ø 1,600 mm, H 2,300 mm.	Pcs.	1	1	1	1	1	1	1	1	1
Collection tank, vertical, 25 m ³ , Ø 3,350 mm, H 3,535 mm.	Pcs.	1	1							
Collection tank, vertical, 35 m ³ , Ø 3,350 mm, H 4,667 mm.	Pcs.									
Collection tank, vertical, 40 m ³ , Ø 3,350 mm, H 5,236 mm.	Pcs.			1	1					
Collection tank, vertical, 55 m ³ , Ø 4,000 mm, H 5,134 mm.	Pcs.					1				
Collection tank, horizontal, 75 m ³ , Ø 3,350 mm, L 9,106 mm.	Pcs.						1			
Collection tank, horizontal, 99 m ³ , Ø 3,350 mm, L 11,820 mm.	Pcs.							1	1	1
Grinder pump TT-1 incl. internal hydrant, coupling foot, chain, various pipes and control.	Kit	1	1							
Grinder pump TT-2 incl. internal hydrant, coupling foot, chain, various pipes and control.	Kit			1						
Grinder pump TT-3 incl. internal hydrant, coupling foot, chain, various pipes and control.	Kit				1	1	1	1	1	1
Irrigation cannon incl. nozzle, hydrant and internal hydrant.	Kit	1	1	1	1	2	2	2	2	2
Irrigation pipe Ø 90-8 Bar	Pr.l.m.	Calculated individually for each system and has the price example above added.								
Valve kit in collection tank For switching water mains	Kit	Calculated individually for each system and has the price example above added.								

*All undefined measurements are in mm.

Rev. 30.11.2022. We reserve the right to make changes and printing errors.

Pumping station with uplift resistance foot, vertical


Volume	Diameter (A)	Total height (B)	Inlet height (D)
25 m ³	3,350	3,535	2,225
35 m ³	3,350	4,667	3,365
40 m ³	3,350	5,236	3,934
55 m ³	3,350	5,134	3,664

Pumping station with uplift resistance wings, horizontal


Volume	Ø (A)	Total height (B)	Length (C)	Inlet height (D)
75 m ³	3,350	3,750	9,106	3,250
99 m ³	3,350	3,750	11,820	3,250

Pump – Incl. guide pipe, coupling foot, chain, various pipes and control

 Grinder pump TT-1, pump performance max 9 m³ at 4 Bar

Pr. kit

 Grinder pump TT-2, pump performance max 16 m³ at 4 Bar

Pr. kit

 Grinder pump TT-3, pump performance max 24 m³ at 4 Bar

Pr. kit

Diverse equipment

Irrigation cannon incl. nozzle, hydrant and guide pipe

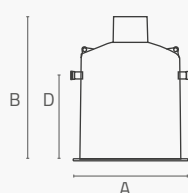
Pcs.

Field water pipe Ø 90-8 Bar

pr.l.m.

Valve kit in collection tank for switching water mains

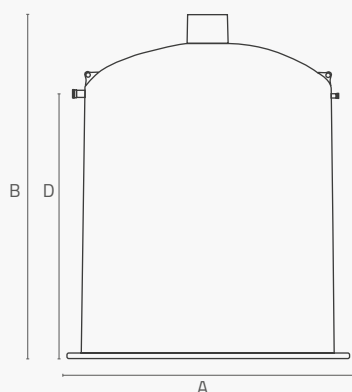
Pr. kit

Sand trap


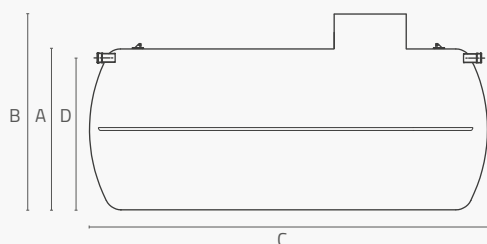
Volume	Diameter (A)	Total height (B)	Inlet height (D)
2,875 ltr.	1,600	2,300	1,375

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