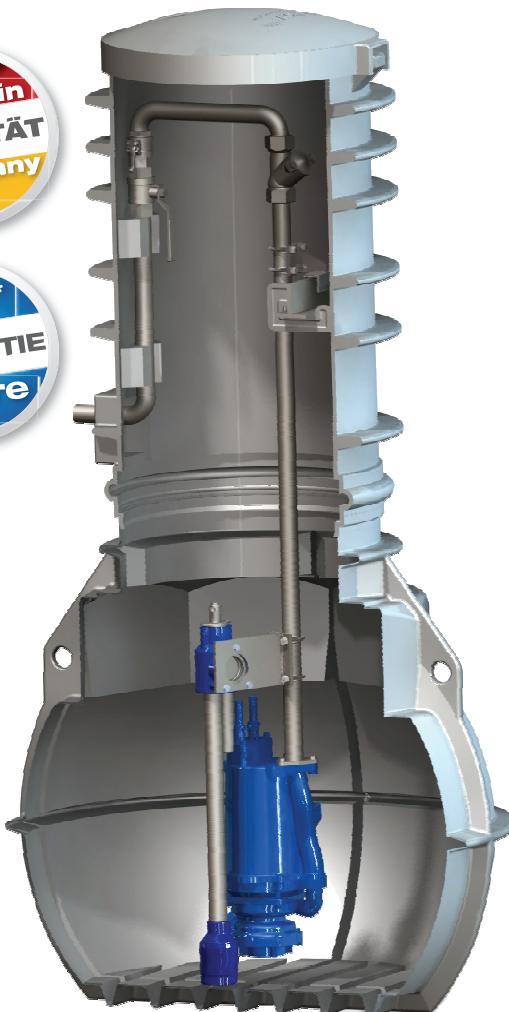


ØkoTran Pumpstations

ØkoTran – the modular PE-Pit for Pressure Sewer Systems



The ØkoTran Pit system was developed to be used in Pressure Sewer Systems, and is characterized by great variability in the installation depths and use with various systems.

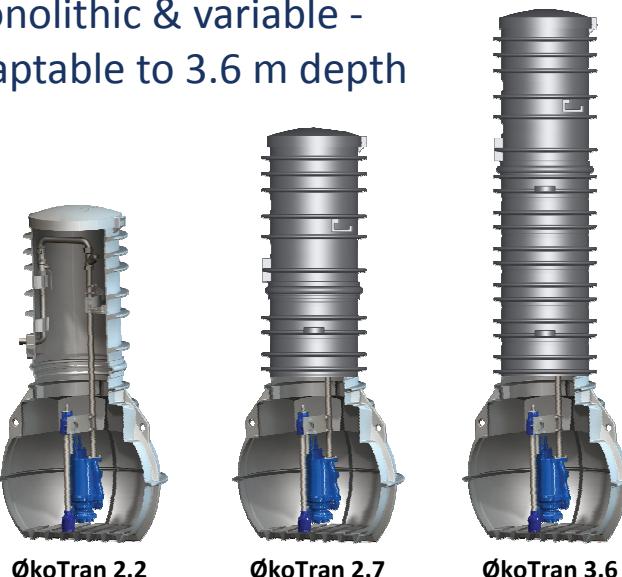
Monolithic & variable

The modular design of the ØkoTran Pit system allows a flexible adaptation to installation depths from 2.2 m to 3.6 m. Totally 8 installation deep are covered, 2 which are completely monolithic (ØkoTran 2.2/2.7) solved and all other are realized by means of a seal.

The advantage of the ØkoTran PE-Pit systems

- ◆ Flexible adaptation to installation depths up to 3.6 m due to modular Construction in three stages of expansion and 5 intermediate sizes
- ◆ Produced in one piece (ØkoTran 2.2/2.7)
- ◆ Highest stability and security through static optimized Pit design and certified production according to DIN EN ISO 9001/14001
- ◆ Durable, 100% tight and corrosion-resistant pit in polyethylene (PE-LD)
- ◆ Usable in all different pressure Sewer Systems
- ◆ Easy installation and short assembly times due to low weight and modular design

Monolithic & variable -
adaptable to 3.6 m depth



Convincing by PE

ØkoTran Pit systems are manufactured in a seamless rotation molding process and produced in high grade polyethylene (PE). The monolithic manufacturing of the pits are free from welds and close to 100%. In contrast to concrete, PE is completely resistant to domestic sewage and guarantees decades of life.

The decisive factors are the details

Nice & Safe

Closed hinged lid with stainless steel Locker.

Integrated

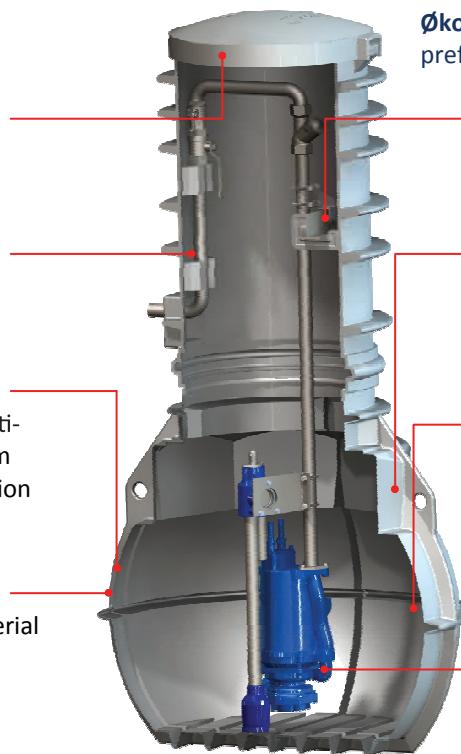
Molded pipe supports allow the safe installation of the pressure pipe.

Optimal design

The spherical pump sump and the optimized bead profile provides maximum dimensional stability in large installation depths and secure uplift retention.

Eco-friendly & recyclable

The environmentally friendly Pit material is 100% recyclable polyethylene.



ØkoTran 2.2 (Application Example) Wastewater prefabricated pump pit with grinder pump

Assembly

The integrated T profile enables free pump suspension

Variable connections

8 generous terminal areas for the feeds to DN 150 allow almost any placement of the feed.

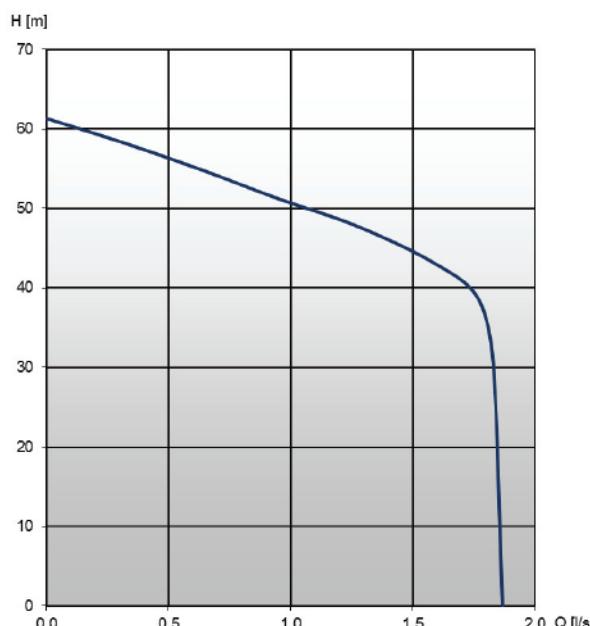
Large pumping volume

An optimal pumping volume of approximately 265 l between start and stop level (total volume of the pump sump: 515 l).

Pump

The heart of our ØkoTran pump pits is our 2-stage centrifugal Vortex grinder pump, that can provide up to 6 bar pressure with a small 1.5 kW motor.

Pump performance



Produkt	Product-No.	Height [m]
ØkoTran 2.2	40500220	2,2
ØkoTran 2.7	40500270	2,7
ØkoTran 3.6	40500370	3,6

The modular pump pit.

The modular design of the ØkoTran pit system allows a flexible adaptation of installation depths from 2.2 m to 3.6 m.

Intermediate sizes can be realized by simply separating individual pit modules (250 mm).