AWALIFT 80

AWALIFT 80 – the wastewater pumping unit made from PUR

TALIS
YOUR CHOICE IN WATERFLOW CONTROL

AWALIFT 80

Wastewater lifting unit for sewage with faecal matter

Suitable for 12 Residents

Proven integrated solid collecting chamber technology

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made from Polyurethane (PUR)

... The Logical Solution ...

Holding tank,
solids collecting chamber

Non-return valve & pump

All made from PUR!

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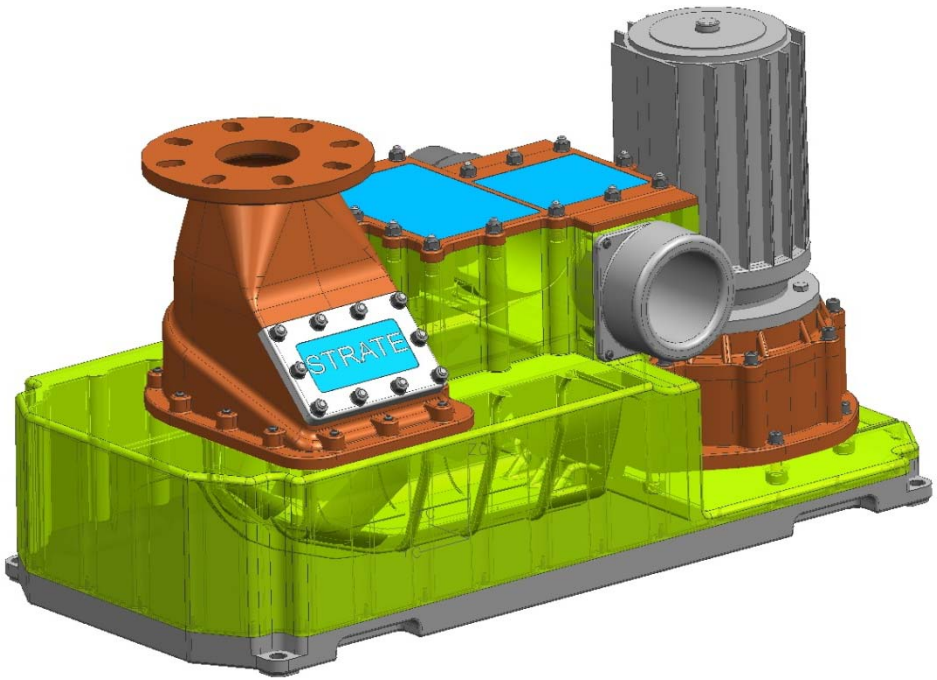
AWALIFT 80



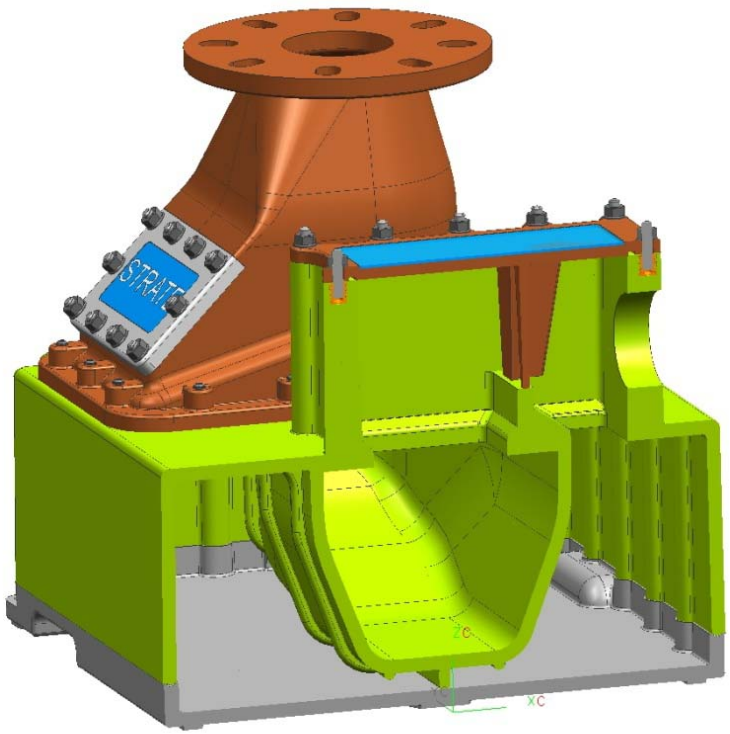
Energy saving **due to:**

hydraulically optimized
pump efficient motor

weight reduction **due to:**

use of PUR parts

AWALIFT 80



Against conventional PE units:

Higher stability and rigidity

Extremely stable due to wall thickness up to 15 mm

Excellent wear resistance

AWALIFT 80

Easy to maintain

Low service costs

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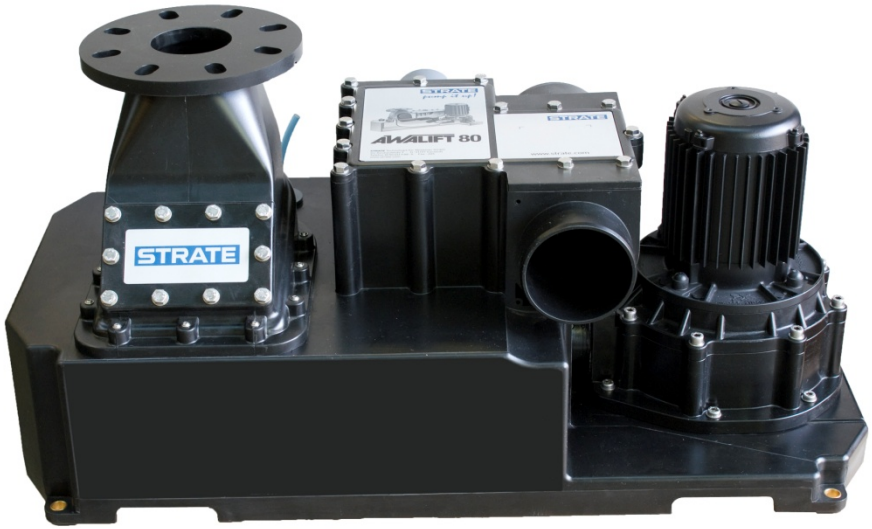

Light & Silent

40 kg & 52 dB (A)

… day and night …

Discharge: DN 80 / 100

Inlets: 2 x DN 100
(left / right)

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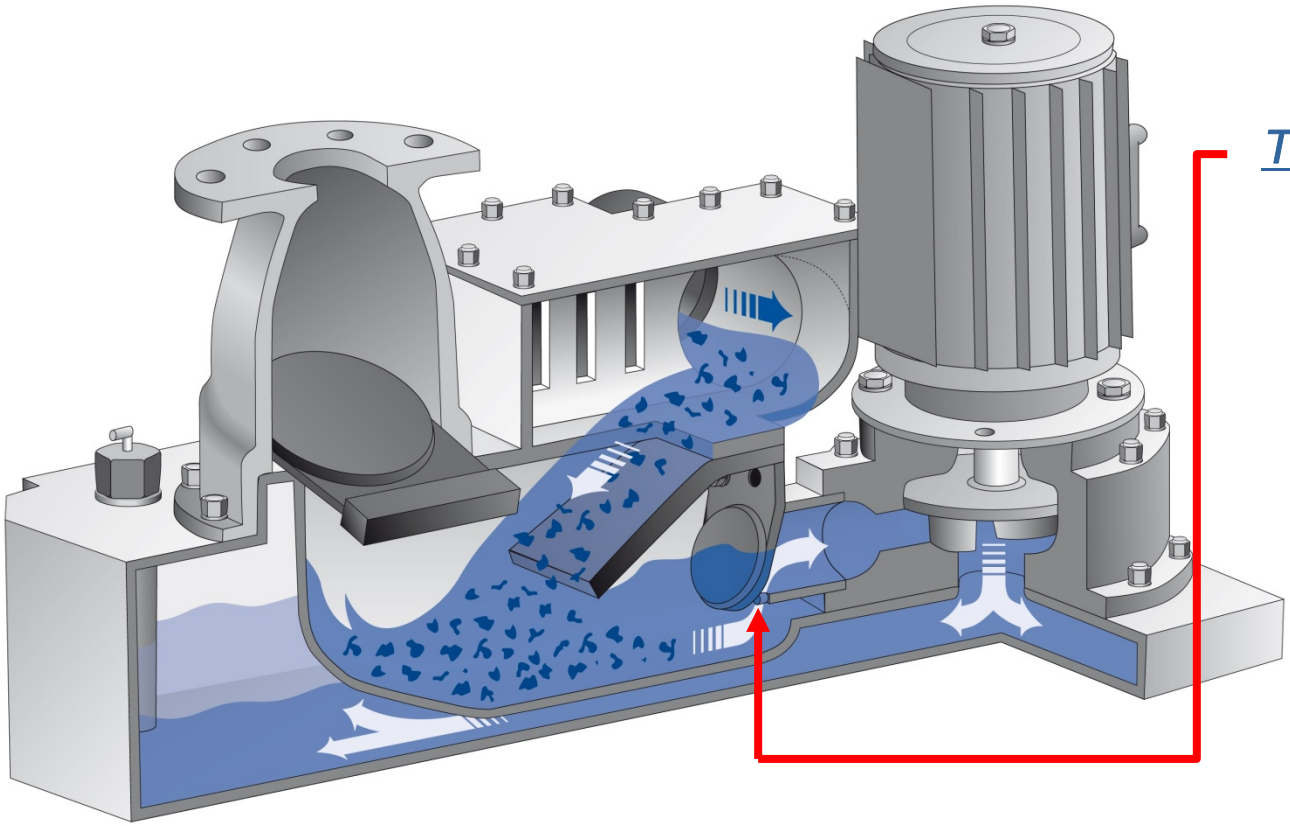

The System

separation of „pre-cleaned“ wastewater and wastewater with solids

pump only conveys „pre-cleaned wastewater“ – without solids

optimal protection of pump from clogging

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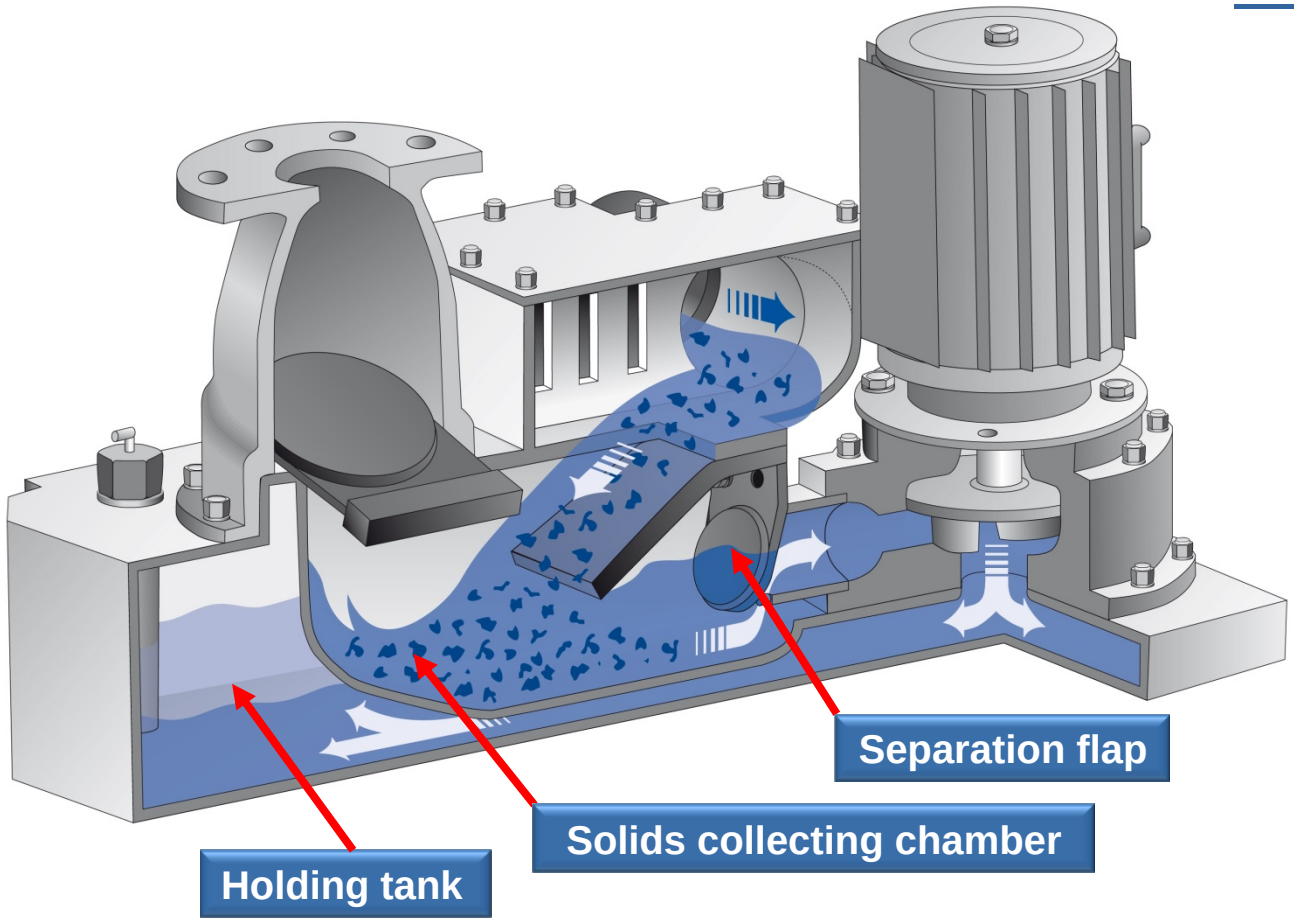

The System

Filling:

Coarse material is held back in solids collecting chamber by separation flap

Holding tank fills with pre-cleaned wastewater

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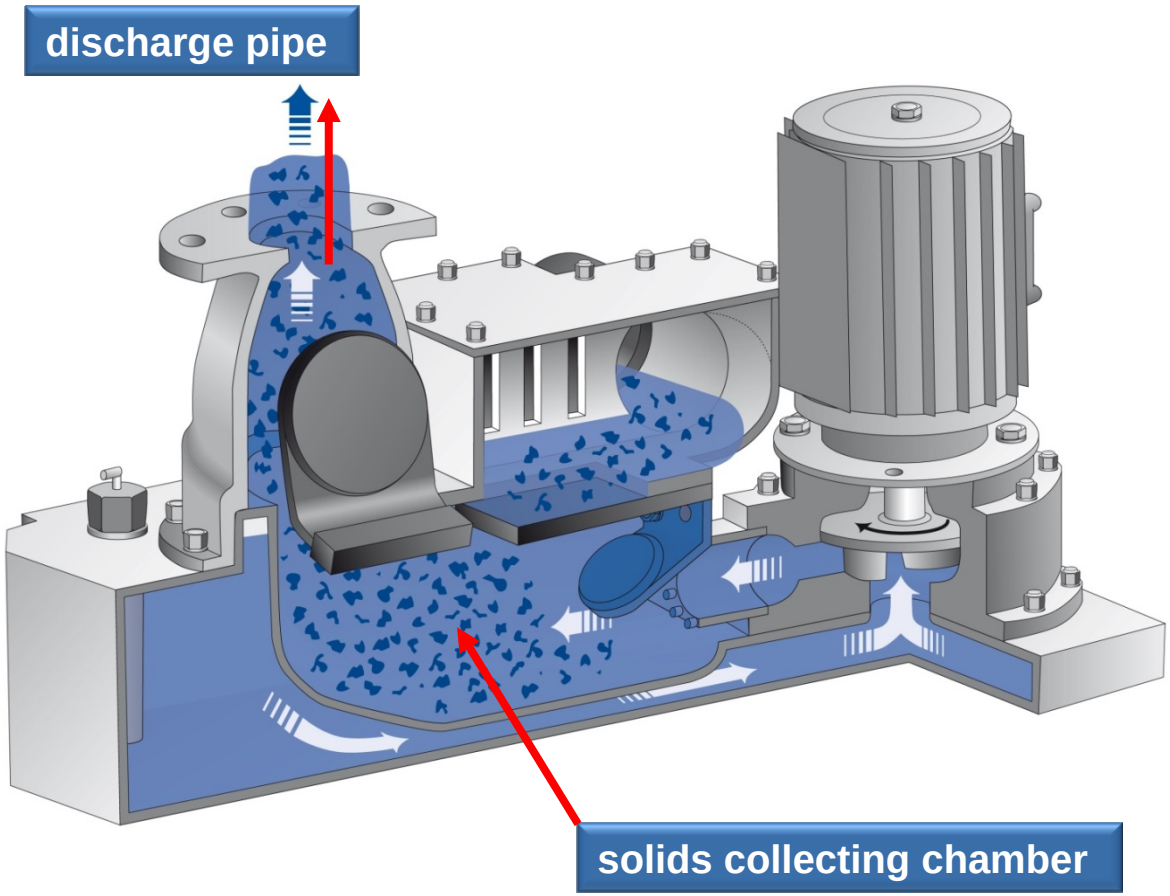

The System

Pumping:

Holding tank is filled: pump starts pumping

Pump conveys „pre-cleaned wastewater“ into the solids collecting chamber and into the discharge pipe

Pump flow flushes collected solids into the discharge pipe

Solids collecting chamber is cleaned without residue

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AWALIFT 80 – the strong type!

Typical Applications for STRATE AWAlift

Private & Public Locations

- Private houses
- Apartment buildings
- Public buildings (schools, play schools, hospitals, town halls etc.)

Communal Drainage

- Residential estates
- Locations, villages, cities up to 37,000 PE
- Airports, underground industrial plants etc.

AWAlift Benefits

Reduced risk of blocking:	* No solids in the pumps.
Optimum reliability:	* Due to solids separation.
Most hygienic environment:	* Closed System
Heads up to 120m:	* Using pumps in series.
Higher efficiencies:	* Multi bladed impellors.
Low running Costs:	* Lower powered motors required.
Long life of pumping station:	* 30+ years.
Long life of dry well:	* Dry well 50 years, wet ell 35 years

Reduction in staff and maintenance costs.

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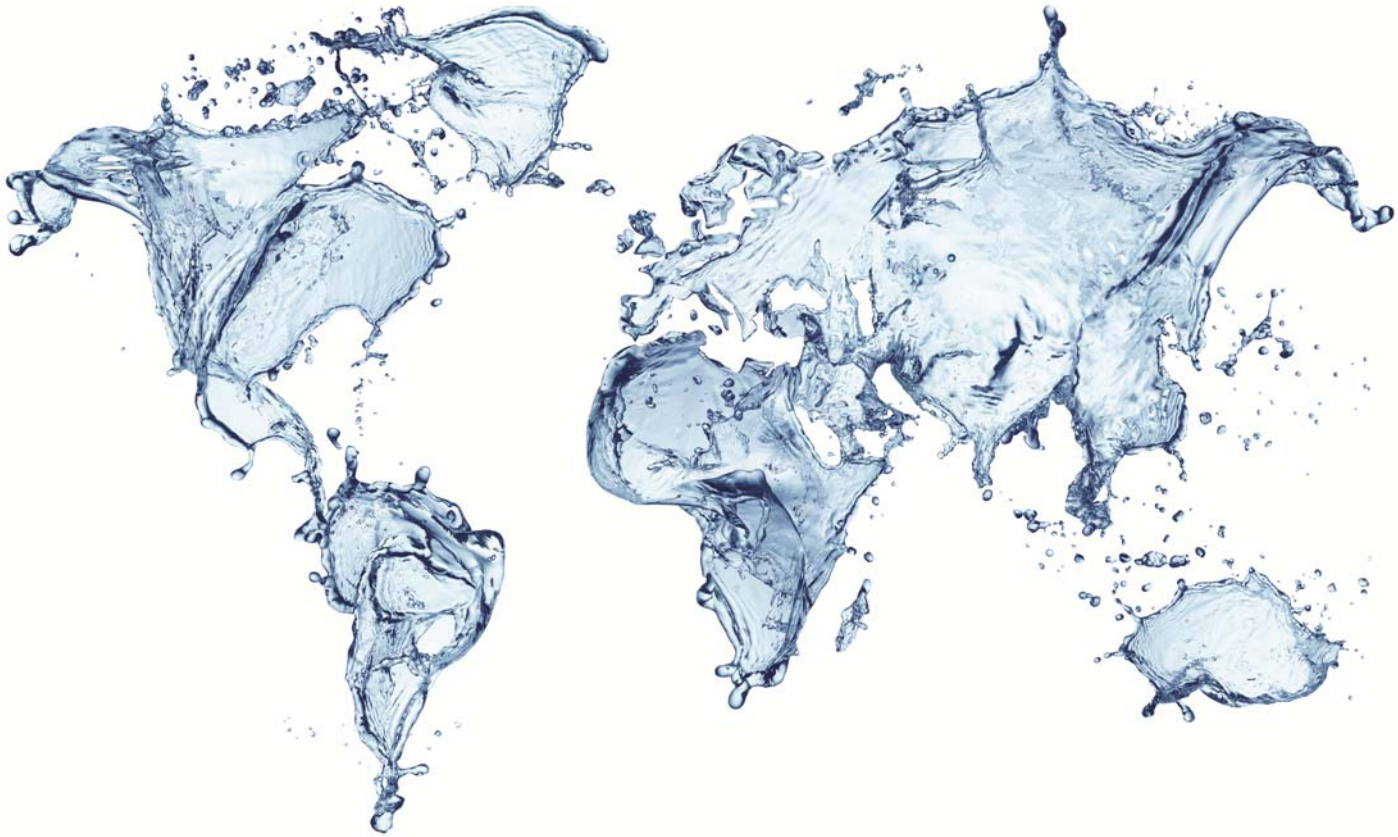
STRATE



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