



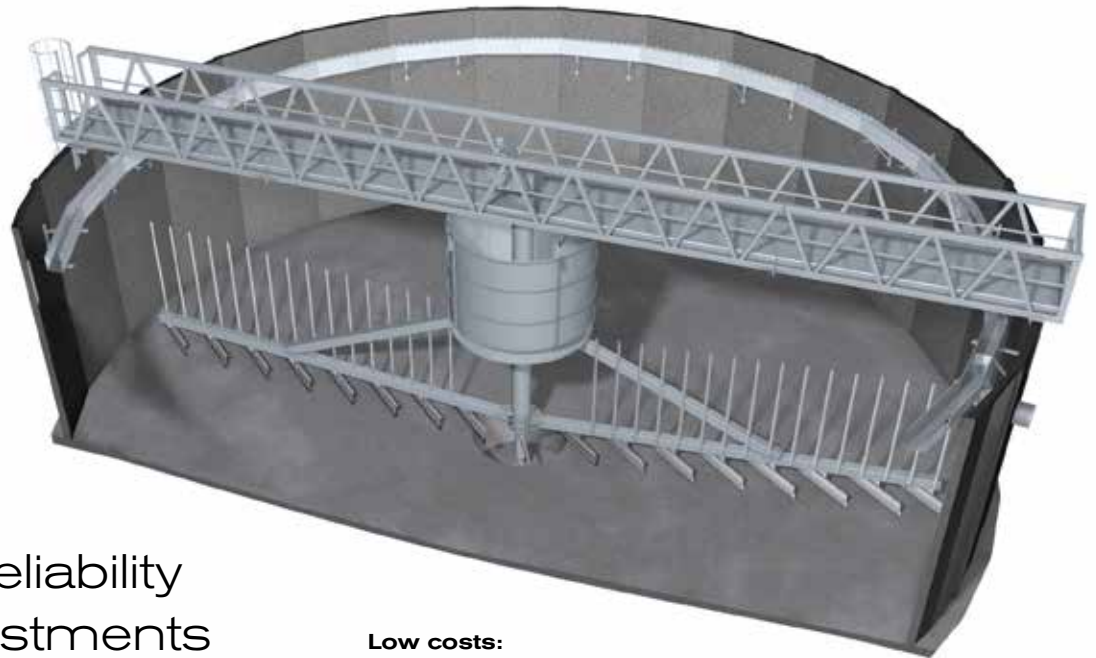
LACKEBY GRAVITY THICKENER SCRAPER

Sludge handling with low life-cycle costs

The Lackeby Gravity thickener scraper with its simple design is a natural choice when you need a robust machine with high reliability to a low investment cost. The Gravity thickener scraper increases the DS-content in the sludge and the design can easily be customized independent of the basin size and type of sludge.

Applications:

- Municipal sewage treatment plants
- Water works
- Industrial process water.



When high reliability and low investments costs are a requirement

Lackeby has been delivering Gravity thickener scrapers to satisfied customers globally since 1975. With our long experience we have gained the knowledge to optimize the drive system to have a perfect balance between load and power usage. This ensures the lowest possible life cycle cost.

Design benefits:

- Robust, simple and reliable design which is easy to install
- Customized design for best performance in each application
- Direct drive with parallel shaft geared motor
- Additional scraper in the pump pit to avoid bridging
- Low energy requirement
- Mechanical torque overload guard protects the equipment
- The tube shaft can be used as inlet pipe.

Low costs:

- Low life-cycle cost due to low investment and operating costs
- Low energy consumption and high reliability due to few moving parts
- Low maintenance costs
- Service life normally more than 20 years.

Optional equipment:

- Service bridge
- Inlet baffle
- Integrated skimmer and floating sludge removal system
- Scum baffle
- Weir plates
- Outlet throughs
- Tube shaft combined with inlet pipe.

Technical data

Diameter	m	Ø 1 – 30 m
Drive motor, rated power	kW	0.12 – 1.1 kW
Bottom bearing		Polyethylene, lubricated by the process water.
Overload protection		Mechanical type Lackeby OLG 1"– 3"
Material		Stainless steel EN 1.4301 or EN 1.4404

Lackeby Products AB has more than 50 years of experience in designing and manufacturing high performance products for resource-efficient heat recovery and wastewater recycling. In our production facilities in Sweden we have made thousands of products for the toughest environments world wide.

We are well known for our ability to customize products to each customer's unique requirements. All of our products are characterized by reliability, long life cycles and easy maintenance making Lackeby Products a trusted partner and supplier of products for plant upgrades or new plant constructions. We guarantee high quality, excellent performance and complete satisfaction.