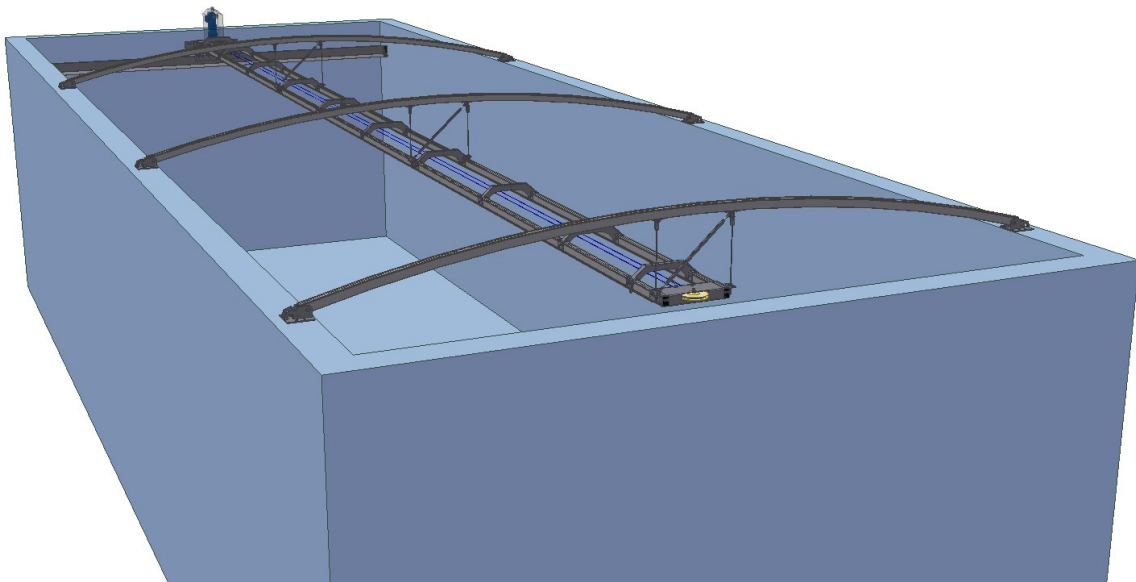


Z3950

Surface Scum Scraper



Main areas of use and features

- Few moving parts
- Low maintenance
- Does not interfere with the sedimentation process
- Easy to adapt for use in existing tanks
- Adjustable speed
- Separate control and regulating equipment
- Easy to service
- Scum outlet on either side

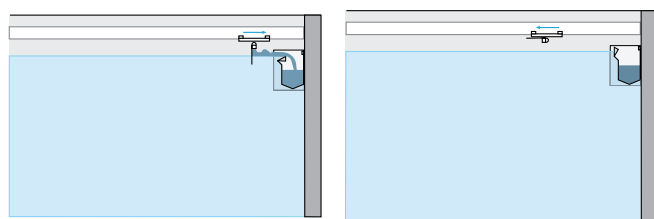
Z3950 SURFACE SCUM SCRAPER

The Zickert Z3950 surface scum scraper is designed for the efficient removal of surface scum without excessive use of transport water. It is suitable for use in most applications involving surface scum. The Z3950 is easy to install, reliable and has few moving parts.

The scraper blade draws off scum from the entire surface of the tank and carries it to a scum pipe. The scraper blade is fixed to a sledge which is powered with a rope device by a gearmotor. The sledge glides in two aluminium beams spanning the tank in the travelling direction. The sledge changes its direction of motion at each end of its travel. For the return movement, the scraper blade swings up to avoid the scum.

The Z3950 surface scum scraper performs well in combination with the Z6300 rotating scum pipe or the Z6500 fixed scum pipe.

The pipes are automatically angled downwards as the scraper blade approaches them. The surface scum scraper only allows a minimal amount of transport water to accompany the scum.



Only the scraper blade comes into contact with the surface of the water. When it reaches the end of its travel and has deposited the sludge, the blade is angled up again for the return movement.



TECHNICAL SPECIFICATIONS OF THE Z3950

Application	In rectangular sedimentation tanks for municipal waste-water treatment plants, drinking water plants and industrial processes. Can also be adapted for use with lamella systems.
Maximum dimension	L = 2–40 m. W = 0.5–6 m.
Clearance	Around 450 mm above the water surface
Variation in water level	Standard +/-25mm
Materials	Stainless steel ASTM304L or acid-resistant steel ASTM316L.

