

DECANTERS

SCRAPER BRIDGE

SLUDGE AND SOLID SETTLEMENT

SFA
enviro

EQUIPMENT
FOR PRIMARY TANKS

Europelec



MAIN CHARACTERISTICS

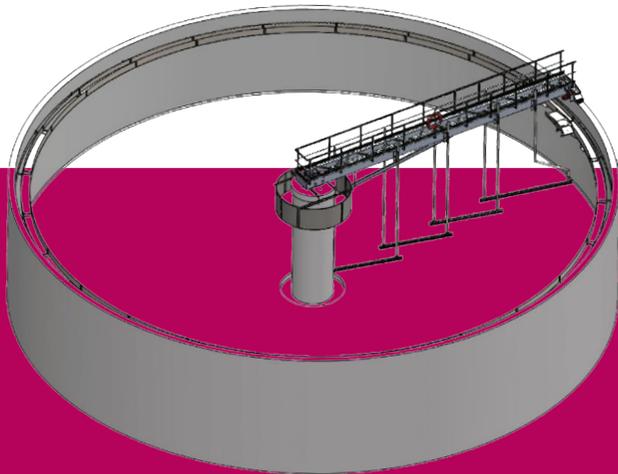
Equipment designed for primary and secondary settling tanks in urban or industrial wastewater treatment plants that contain solids which can settle quickly, and can then be extracted for sludge processing.

Scraper bridge made entirely of aluminium or stainless steel for extremely long durability (compared to galvanised steel solutions in particular).

Robust and reliable solution.

The Scraper bridge is designed to be installed in circular settling tanks.

Several hundred scraper bridges installed over the last 60 years.



ADVANTAGES

HIGH QUALITY MATERIALS: STAINLESS STEEL FOR THE SUBMERGED PARTS AND ALUMINIUM FOR THE SURFACE AREAS

STAINLESS STEEL OPTION FOR SURFACE PARTS, TO MINIMISE CORROSION RESISTANCE

ALUMINIUM STRUCTURE MUCH LIGHTER THAN GALVANISED STEEL SOLUTIONS

GALVANISED COSTING IS POSSIBLE

FOR CLARIFIERS UP TO 50 M IN DIAMETER FOR LARGE DIAMETERS CLARIFIERS

PLEASE ALSO REFER TO THE "SUCTION BRIDGE" SHEET

EXCELLENT AFTER-SALES SERVICE



COMPONENTS

- Aluminium walkway and guardrail
- Aluminium structural beam
- Stainless steel weir blade for clarified water discharge
- Stainless steel skimming blade - to capture floating matter
- Stainless steel surface scraper to direct scum and other floatable particles to the discharge hopper
- Stainless steel hopper for the discharge of scum and other floating materials
- Geared motor and drive, allowing the rotation of the whole bridge, located at the end of the construction located within a frame which also serves as a support
- Non-driving support wheel ensuring the stability of the bridge when rotating
- Ring collector for the power supply of the bridge components
- Hinged central pivot
- Stainless steel feed-well to distribute the effluent inlet flow
- Stainless steel and EPDM tank scrapers - moves the sludge to a central collector where it is discharged by gravity

OPTIONS

- Fixed or motorised cleaning brush
- High pressure cleaning using nozzles.
- Motion detector
- Stone chaser
- De-icing system for the track
- Rotation sensor
- Safety and/or access ladder with or without gate
- Electronic torque limiter
- Flush for outlet
- All stainless-steel version available on request
- French design and manufacture
- Buoyancy aid available
- Boat hook
- Lifejackets provided at request.



A STEP AHEAD IN WATER TECHNOLOGY

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