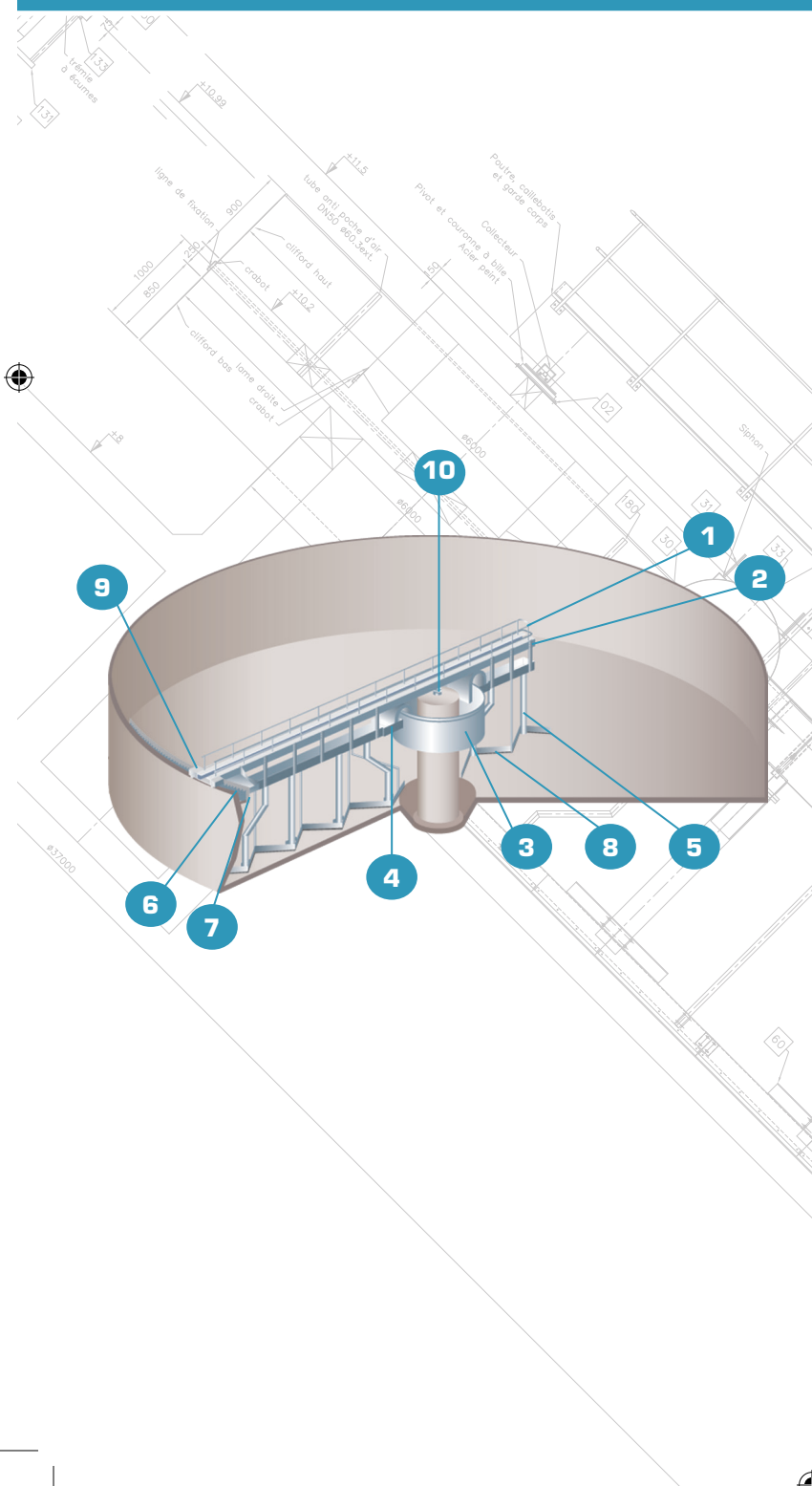


SUCTION BRIDGE

Sludge settling



- Equipment for settling tank in **municipal or industrial** wastewater treatment companies
- Particularly suitable for **wide diameter tanks with a flat bottom or slight slope bottom**
- Fully **aluminium and stainless** steel material for better durability (compared to galvanized steel solutions in particular)



COMPONENTS

- 1 Aluminium gangway and guardrail
- 2 Aluminium structural beams
- 3 Stainless steel Clifford that, in its lower part, settles the basin at the arrival point of the effluent and, in its upper part, receives the sludge arriving from the sludge chute
- 4 Sludge channel: collects sludge rising from the bottom of the tank via the suction tubes
- 5 Suction tubes equipped with telescopic valves
- 6 Stainless steel v-notched weir blade for the evacuation of clarified water
- 7 Stainless steel scum baffle. Prevents matter from reaching the effluent launder
- 8 Stainless steel surface scraper for directing foam and other floating matter to the evacuation hopper
- 9 Gear motor and wheels, allowing the rotation of the whole unit, located
- 10 Articulated central pivot and ring collector for power supply to the deck components

SUCTION BRIDGE

Sludge settling



ADVANTAGES

Stainless steel for submerged parts and aluminium for non-contact with effluent parts in the standard version, for optimum corrosion resistance

Aluminium is lighter and more resistant to corrosion than galvanized steel solutions available elsewhere on the market

Minimal energy consumption: sludge suction and collection is achieved by a simple set of siphons and communicating vessels - the power of the gear motor ensuring the bearing does not exceed 0.25 kW

French design and manufacturing



AVAILABLE OPTIONS (UPON REQUEST):

Cleaning brush (fixed or motorised)

Obstacle detector

Stone shield track

Track de-icing system

Rotation sensor

French design and manufacturing

Safety ladder and/or access ladder with or without gate

Torque limiter

Flush for scum box

Completely stainless steel version available on request

