

Cleaning in-water tanks & Robotic inspection



Risk management



Water reuse & saving

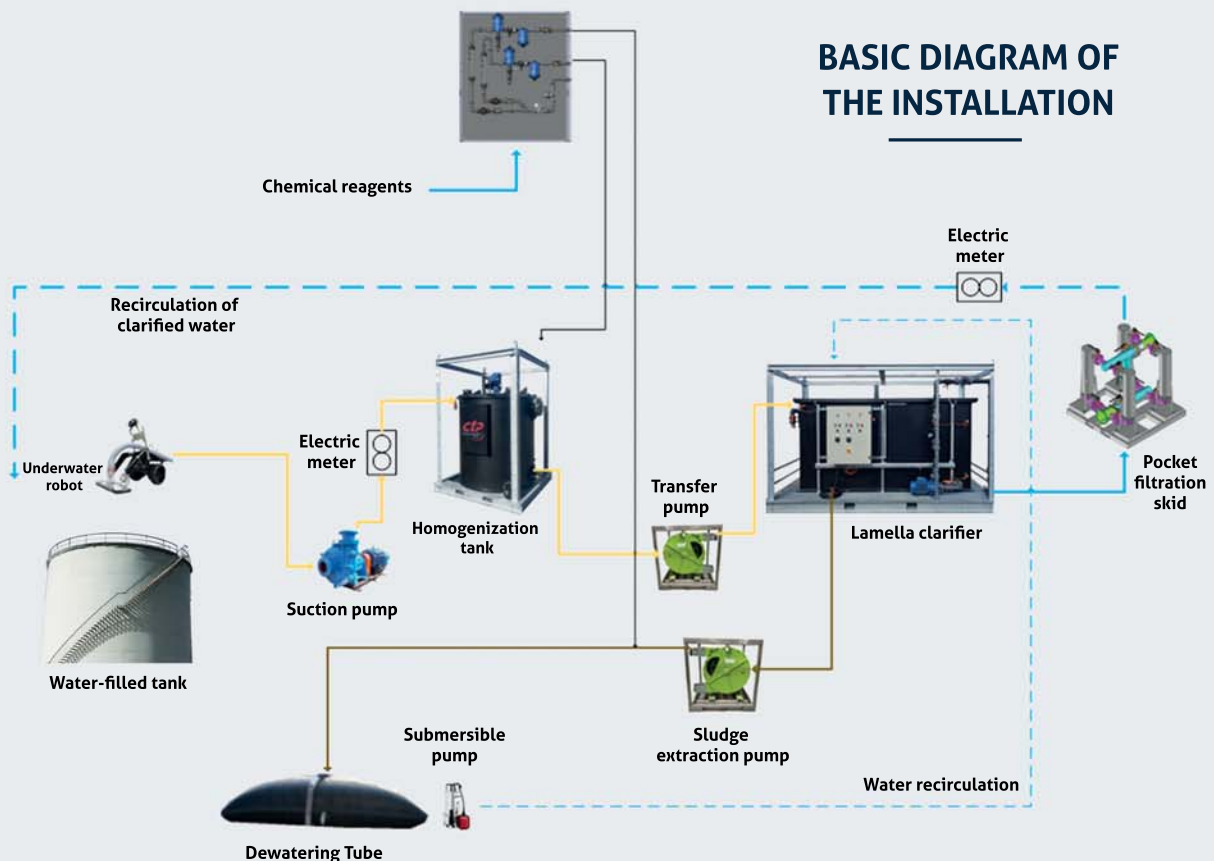


Equipment availability

OBJECTIVES

- Tank cleaning without prior draining
- Inspection of internals under water & out of water
- Dewatering of pumped sludge & volume reduction
- Water treatment & reuse

BASIC DIAGRAM OF THE INSTALLATION





APPLICATIONS

A unique solution for multiple maintenance operations on your tanks :

- Pumping of accumulated sludge
- Inspection of the inside of the tank
- Separation of flocculated sludge and clarified water
- Dewatering of settled sludge
- Filtration and recycling of clarified water



TECHNICAL SPECIFICATIONS

Amphibious "pumping" drone

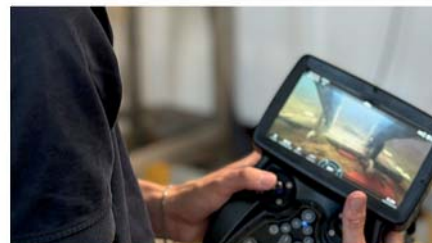
- Pumping capacity: 5 to 50 m³/h
- Integrated video assistance for precise control

Underwater "scout" drone

- Wide-angle HD camera with high-power LED lighting
- Real-time video transmission for complete tank inspection
- Assisted guidance of the "pumping" drone

In-line treatment & reuse process

- Agitated treatment tank
- Lamella clarifier
- Geotextile tube
- Pocket filtration skid



ADVANTAGES

Tank availability

- Equipment kept in water remains operational

Optimized efficiency

- Drone video assistance enables precise and fast cleaning

Flexibility

- Quick and always reversible intervention, with adaptable scheduling and reduced downtime

Controlled safety

- No risks related to human intervention in confined or underwater environments

Sustainable development

- No water loss

TREATMENT EQUIPMENT

Drones



Clarifiers 20 & 50 m³/h



Pocket filtration skid

