

Sedipac™ 3D

compact lamellar settling

urban wastewater



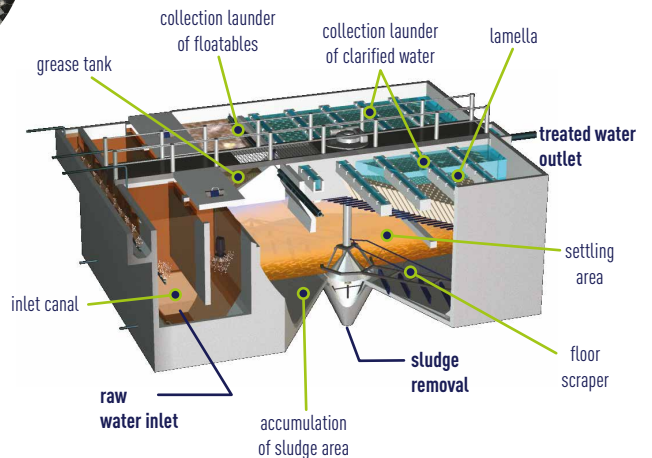
ensure effective primary treatment through a compact and economic solution

performance and sustainable development

a high speed treatment without reagent needs

combined treatment for grit and grease removal and primary settling functions

Sedipac™ 3D is a wastewater treatment process. The Sedipac™ 3D is adapted to all types of facility from 15,000 PE and breaks down each function into separate stages.



key figure

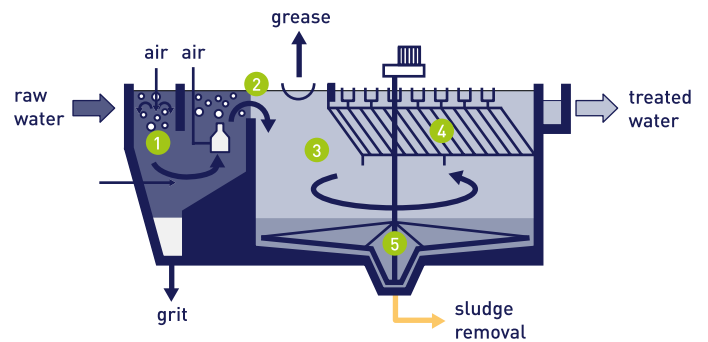
3 times more compact than a conventional primary settling tank



Sedipac™ 3D technology . . .

The Sedipac™ 3D at the same time combines 3 pretreatment functions – grit removal, grease removal and settling – into one single work using separate dedicated areas.

A high-speed device: air is injected into raw water to separate the organic particles from grit and then the water to be treated moves into a calm area where the grit settles. It then joins the degreasing zone, where fine bubbles are injected that accelerate grease flotation. The suspended solids are subsequently separated from the clear water in an optimal manner in the lamellar modules. Finally, the settled sludge is scraped and extracted to be sent to the sludge treatment line.



. . . what it can do for you

environment



- operates without reagents
- proven compact size that limits environmental impact
- easy to cover: olfactory impact under control

flexibility of use



- modular design that allows parallel installation of several devices to a large range of facilities
- ease of setting up thanks to its rectangular shape and to the absence of connection channels between zones
- number of electro-mechanical equipment units reduced to the minimum: reduced cleaning and replacement costs

performance

- clear water with high treatment speeds (10 to 25 m/h)
- device for recovering floating material, which facilitates operation

among our references

Csepel, Hungary

capacity: 1,500,000 PE

Xiamen, China

capacity: 1,200,000 PE

la Feyssine, France

capacity: 300,000 PE

Castelo Branco, Portugal

capacity: 100,000 PE

Paço de Sousa, Portugal

capacity: 65,000 PE