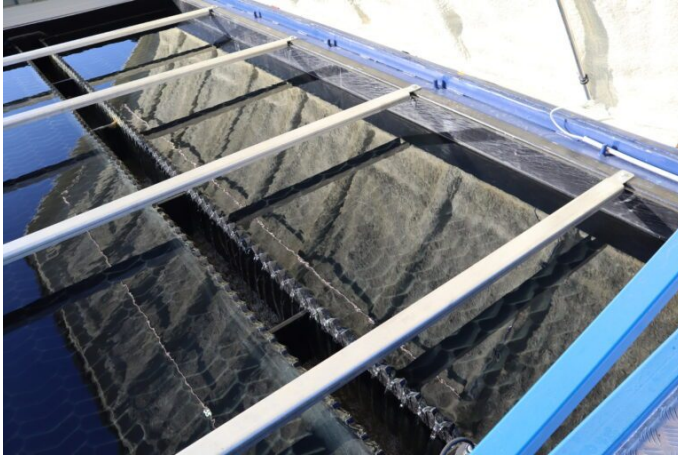


OwaLamella is a solution built in a sea container, available in two different sizes: 20 and 40 feet containers. The sedimentation unit separates solids from the liquid by using gravity instead of flotation. Flocculants can be used to improve solid-liquid separation by collecting smaller particles into settleable flocs.



The sedimentation unit enables the effective separation of solids when the impurities in the treated water are not suitable for a flotation-based method.

The flow capacity of an individual unit is approx. 50 - 200 m<sup>3</sup>/h, which can be increased by adding more units side by side. The quality of the treated water always determines the final maximum capacity.

Examples by industries:

- ✓ **Mining Industry** - process and mine waters
- ✓ **Mining Industry** - valuable side streams
- ✓ **Construction Industry** - soil containing waters

## BASIC INFORMATION



### SIZE / TYPE OF CONTAINER

**OwaLamella20 | OwaLamella40**

Length: 20 feet 6 060 mm | 40 feet 12 192 mm

Width: 2 440 mm

Height: 2 700 mm



### OPERATION MASS

25 000 kg | 50 000 kg



### FLOW CAPACITY

5 - 50 m<sup>3</sup>/h | 5 - 100 m<sup>3</sup>/h

- ✓ **Product group** Solids removal
- ✓ **Product type** Sedimentation unit
- ✓ **Series** 6002-
- ✓ **Transportation weight** 5 500 kg | 9 500 kg
- ✓ **Manufactured by** Owatec Group Oy
- ✓ **Made in** Finland

## TECHNICAL INFORMATION

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✓ Automation and control panel ABB or Siemens

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✓ Automatic valve

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✓ Pipe material PE

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✓ Pool material PE

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✓ Lamella material PP

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✓ Flowmeter

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✓ Inlet connection DN100 flange

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✓ Outlet connection DN150 flange

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✓ Sludge pump

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✓ Turbidity measurement 0-10 000 NTU

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✓ Temperature measurement inside the container Fahrenheit /  
Celcius

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## OTHER INFORMATION

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✓ pH of the treated water 2 - 11

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✓ Temp of the treated water 5 - 50 °C

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✓ Ambient temp 4 seasons

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#JUSTPLUGANDPLAY

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