

TECHNICAL SPECIFICATION

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LAMELLA
by Nordic Water

Lamella Thickener LT40 FRP

General information

The unit consists of a separator tank with a sludge thickening bottom section. The tank is provided with a feed box, separator plates, clarified liquid discharge flumes, connection flanges for: feed, clarified liquid discharge and sludge removal.

It comes equipped with a two-stage quick break switch (alarm / off) for overload protection and an oil drip tray.

Non wetted parts are made in EN1.4404.

The thickener can be combined with a:

- Flocculation tank (equipped with an internal agitator and an optional rapid mixer)
- Lid

For further information, see separate technical specifications.

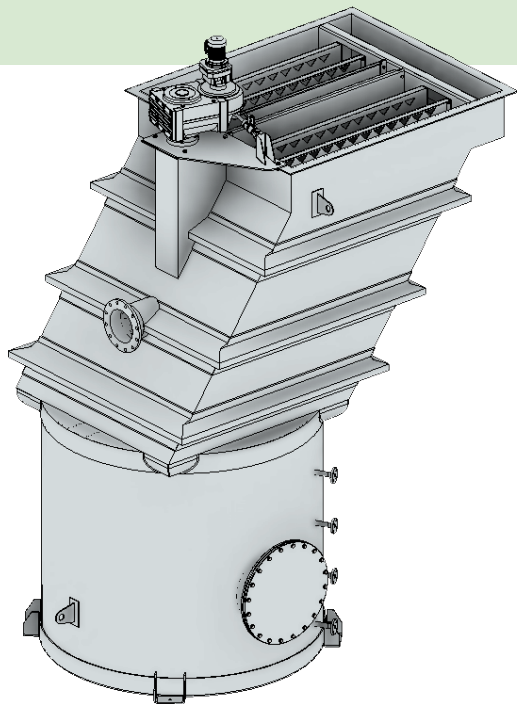


Illustration may differ from drawing.

Manufacturing standards

Lamella Thickener	EC Machinery Directive 2006/42/EC, EU standards EN ISO 12100 1&2, EN ISO 14121-1
Steel parts	Stainless steel parts are fully pickled
FRP	EN 13121 where applicable
- The equipment is inspected and all dimensions controlled before delivery.	

Transport and handling

Lamella Thickener	Transported on wooden pallet
Accessories	Transported in a cardboard box
- Other packaging options may be available upon request.	
- A crane or fork lift is recommended for unloading and installation.	

Dimensions and construction material

Plate angle	55°
Total volume	11.9m ³
Sludge tank volume	6m ³
Water discharge	V-notch
Wetted steel parts	Titan

Dimensional drawing no.	1019479
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Documentation

Operation & maintenance manual
Dimensional drawing
EC Declaration

Options (not included in standard delivery)

Flocculation tank
Lid
Sample points DN25
Documentation other than included in delivery

Model	Art.no	Tank material*	Plate material	Plate spacing	Projected settling area
LT40/40-05 FRP ISO	1018759G-05	FRP ISO	FRP ISO	50 mm	40m ²
LT40/25-08 FRP ISO	1018759G-08	FRP ISO	FRP ISO	80 mm	25m ²
LT40/20-10 FRP ISO	1018759G-10	FRP ISO	FRP ISO	100 mm	20m ²

* Non wetted parts are made in EN1.4404