

COMPACT LAMELLA SEPARATION

Inrigo Water is introducing the flock blanket lamella separator (FBLS) technology.

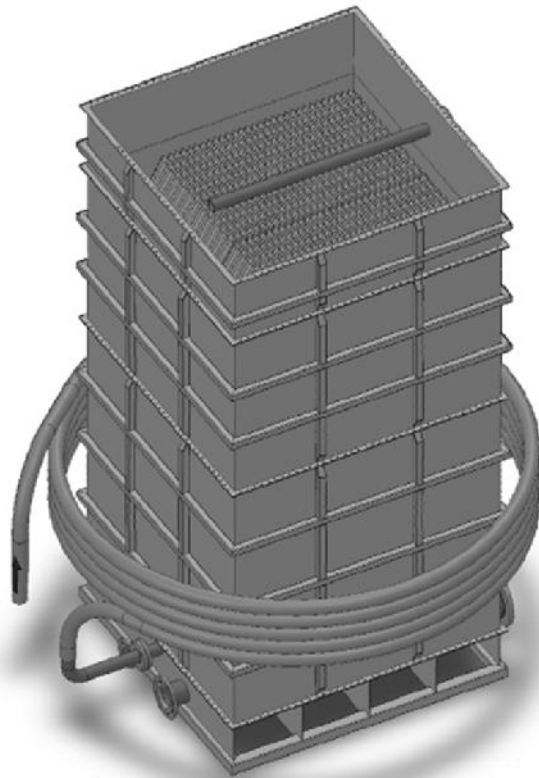
The technology provides a high efficient combination of flocculation and lamella separation in one unit. This makes it very compact and especially suitable for installation in existing facilities where space is limited.

The FBLS technology is particularly well suited as a pre-treatment to

- *remove natural organic matter (humus) in drinking water*
- *enhance primary treatment of waste water*
- *Improve treatment of industrial process waters*
- *reduce load on existing water treatment plants*



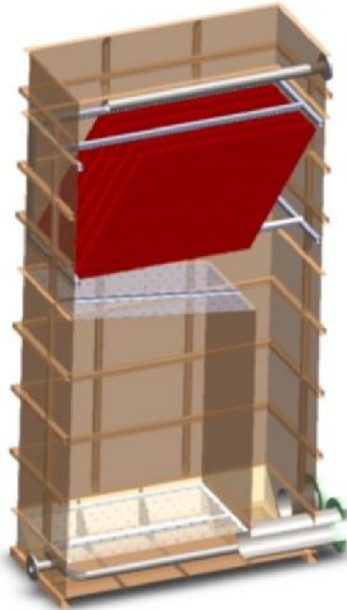
Inrigo Water AS
N-7125 Vanvikan
NORWAY
www.inrigowater.no



FBLS Benefits:

- Easy installation in existing facilities
- Compact
- Very low footprint
- No moving parts
- Robust
- Improves capacity of existing water treatment systems

Smart Water Solutions by Inrigo Water AS

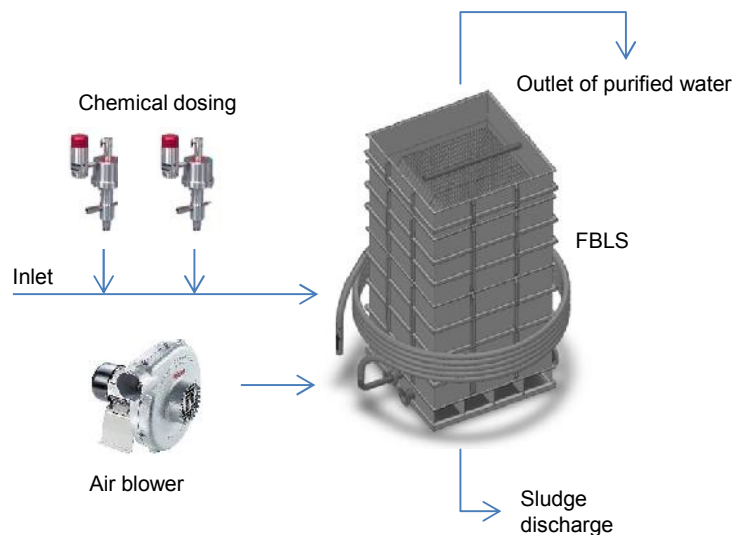


The FBLS principle is based on the addition of a coagulant to the water inlet that capture pollutants in small, dense particles. These particles will grow through a pipe flocculation process and in a special filter chamber as the water passes through the lower part of the FBLS unit.

The particles eventually becomes so heavy that they form a sludge blanket on top of the filter chamber. The water flows through the sludge blanket and into a top section with lamellae. Any particles that are swept away by the water are captured by lamellae and are sliding back to the sludge blanket.

The purified water flowing up the lamellae passes the top of the FBLS unit ready for further treatment or direct use.

The sludge blanket of polluting particles will move sideways and into a sludge chamber where it will be discharged from the bottom of the FBLS unit.



The flock blanket lamella separator technology is patent pending by Inrigo AS.