

FLOOTECH is specialised in in the field of water treatment systems

Flootech is the worldwide leading provider in the field of water and waste water treatment.

Present in Europe, America, Asia, middle East, Australia and Africa, Flootech offers complete solu-

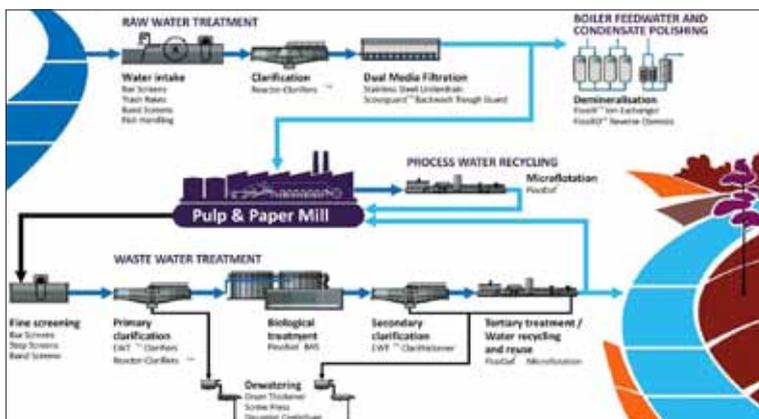
tions as well as water purification processes for different industrial fields.

Flootech supplies customized systems for the preparation of untreated water, through process

water recovery up to sewage treatment.

Flootech is specialized on the pulp and paper industry as well as boiler water treatment and condensate polishing.

Water Treatment Systems



The product range covers everything from sorting to sedimentation, flotation, biological water preparation, up to membrane technology.

Flootech stands for highest quality and reliability at innovative economic complete solutions and conventional water treatment processes with many years of experience in the pulp and paper industry and the energy-generating industry.

Raw Water Treatment

River, tap or drinking water is treated for solids, undissolved impurities and humic acid removal and softening.

Technologies for raw water treatment:

- Clarification with **FlooCari™** Clarifiers
- Filtration with **FlooUF™** Ultrafiltration
- Organic removal with **FlooCarb™** Activated carbon filter
- Sand filtration (solids removal) with **FlooSand™** Sand filtration
- Softening (hardness removal) with **FlooSoft™** Softener
- Microflotation (Coagulation) with **FlooDaf®** Microflotation
- Chemical handling with **FlooChem™**



Raw water treatment plant



FlooDaf®

Boiler Water Treatment

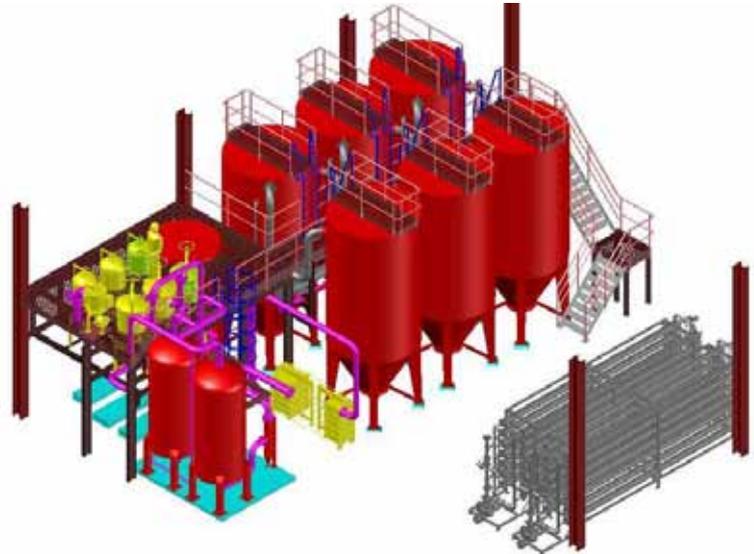
The boiler plant water treatment increases the efficiency of the boiler and extends the boiler's operating life. Treating boiler water also insures safe and reliable operation and prevents high maintenance costs.

Technologies for softening:

- Softening with **FlooSoft™** Softener

Technologies for demineralization:

- **FlooRO™** Reverse Osmosis
- **FlooIX™** Ion exchangers (Cation, Anion)
- **FlooMB™** Mixed Bed
- **FlooDegas™** Membrane degasifiers, CO2 removal



FlooMB™



FlooRO™

Process Water, Waste Water Treatment and Recycling

Cleaning of process water, waste water for discharge or reuse.

Technologies for solids removal and biological treatment:

- **FlooCari™** Clarifiers
- **FlooDaf®** Microflotation
- **FlooBed®** MBBR
- **FlooAS™** Activated Sludge
- **FlooCarb™** Activated Carbon Filtration
- **FlooUF™** Ultrafiltration
- **FlooRO™** Reverse Osmosis
- **FlooChem™** Chemical handling

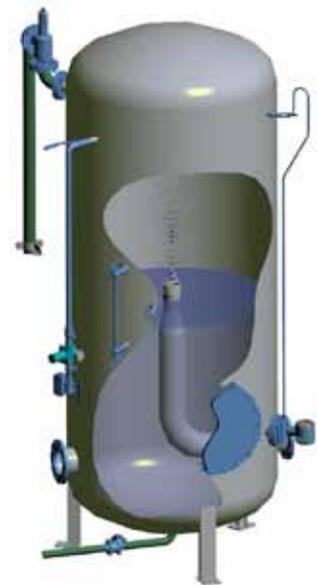


FloDaf® Microflotation

An established tool for the recovery of process water. Microflotation is also used to reduce the concentration of fine substances and ash.

The smaller units have been designed in a compact construction method, the larger units can be supplied in a building block system.

- Capacity: 5 to > 2,000 m³/h
- In-flow load: 100 to 7,000 mg/l
- Reduction in solids up to 99%
- Sludge consistency up to 5%
- More than 250 references worldwide
- Does not need much space
- Low maintenance costs
- Flexible for fluctuations in the process



FloBed® MBBR

The FloBed® biological water cleaning is used in the industrial and community area. FloBed® is characterized by special elements and an improved mixture of air.

- Simple to operate
- Fast initial and subsequent start
- Insensitive for water quality and fluctuations in quantity
- No repeat flushing necessary

