

## Boiler Plant Water Treatment

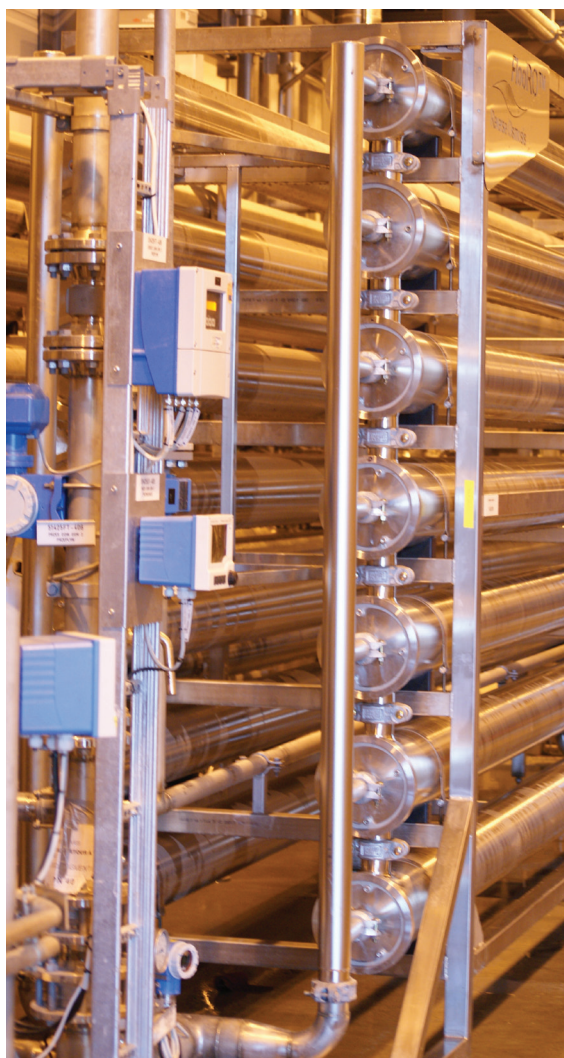
Improve the performance of your plant

### Key features & benefits

- Modularized system
- Design meets pulp & paper and petrochemical standards

### How we create value

- Improved product quality
- Reduced capital expenditure
- Fulfils clients' tight quality and documentation requirements



EWT<sup>TM</sup> FlooRO<sup>TM</sup> Reverse Osmosis skid



EWT<sup>TM</sup> FlooMB<sup>TM</sup> Mixed Bed Ion Exchange

Water is intrinsic to the power generation process. It is also the essential medium for steam generation. Conditioning water properly can increase the efficiency of the boiler as well as extend the boiler's operating life. Treating boiler water also ensures safe, reliable operation without the need for extensive maintenance.

Ovivo has the technology and the expertise to produce the quality of water that you need to improve the performance of your plant.

#### Boiler Feedwater Treatment

Our key processes for boiler feedwater treatment are EWT™ FlooIX™ ion exchanger, EWT™ FlooRO™ reverse osmosis and a number of different filtration systems.

Reverse osmosis provides the finest filtration available. The FlooRO system is used to produce water that meets our clients' highest demands for water quality.

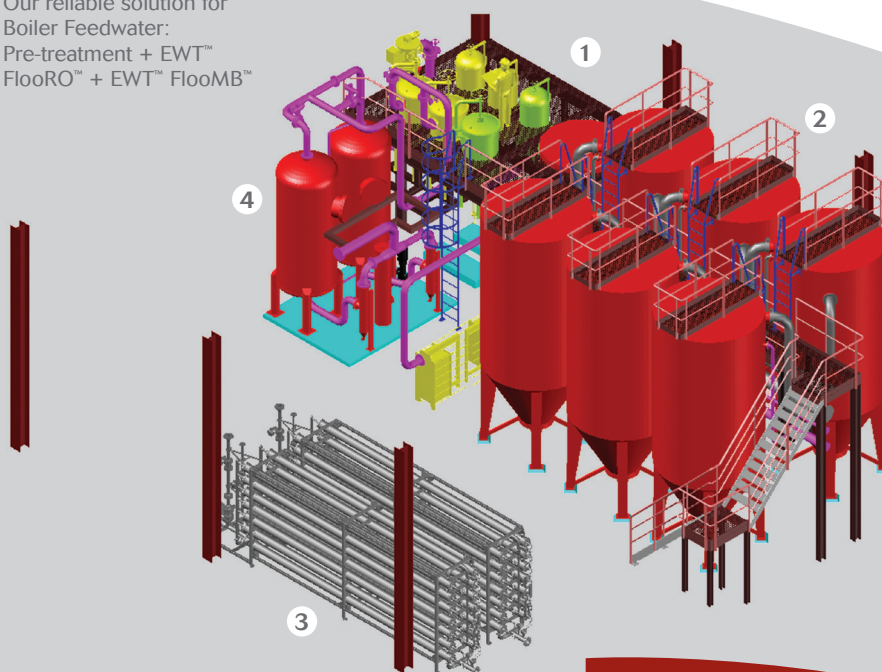
EWT™ FlooMB™ mixed bed ion exchanger is used when the quality of the water from the deionization section (whether ion-exchanger or reverse osmosis type) must meet the high quality requirements of a high-pressure boiler and steam turbine. The FlooMB system is also used for condensate polishing.

#### Condensate Polishing

Boiler feedwater treatment may be insufficient to rid returned condensate of corrosive impurities. Condensate polishing is used to meet the high quality requirements of high pressure thermal cycles and to minimize the consumption of make-up water.

Ovivo's advanced solution for condensate polishing consists of cartridge or pre-coat filtration and the FlooMB mixed bed ion exchanger.

Our reliable solution for  
Boiler Feedwater:  
Pre-treatment + EWT™  
FlooRO™ + EWT™ FlooMB™



1. Pretreatment
2. Sandfiltration
3. EWT™ FlooRO™ Reverse Osmosis
4. EWT™ FlooMB™ Mixed Bed Ion Exchangers

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