



VIITOS-METALLI OY

Feedwater tank and thermal degasser

The VM feedwater tank ensures optimal operating conditions for the water-steam circuit. The integrated thermal degasser effectively removes corrosion-causing gases such as oxygen and carbon dioxide from the boiler feedwater. Lower gas concentrations ensure a longer service life for all equipment in the water-steam circuit.

The feedwater tank serves as a central component in steam boiler plants, collecting and storing treated feedwater at elevated temperature. The thermal degassing process uses steam to heat the water to saturation temperature, driving out dissolved gases to protect downstream equipment from corrosion.

- Over 30 years of experience in pressure equipment and boiler systems
- Design and manufacturing in accordance with PED 2014/68/EU
- Integrated thermal degassing column for effective removal of O₂ and CO₂
- Materials: P235GH, P265GH carbon steel or stainless steel as required
- Design values customized to application requirements
- Tank volume sized to customer needs
- Equipped with level measurement, safety valves, and required instrumentation
- Manhole included as standard
- Can be delivered as a complete feedwater system including pumps, piping, and automation

**Dimensions and design values are customized to customer specifications.*