Less steam. Better conditioning.
Greater process control.

Hydrotherm EOS + Conditioner EOS

The Hydrotherm EOS combines controlled hot water and steam dosing to optimize moisture and temperature during conditioning. Together with the redesigned Conditioner EOS, it supports a more stable process, improved conditioning performance and reduced steam dependency.

Key benefits

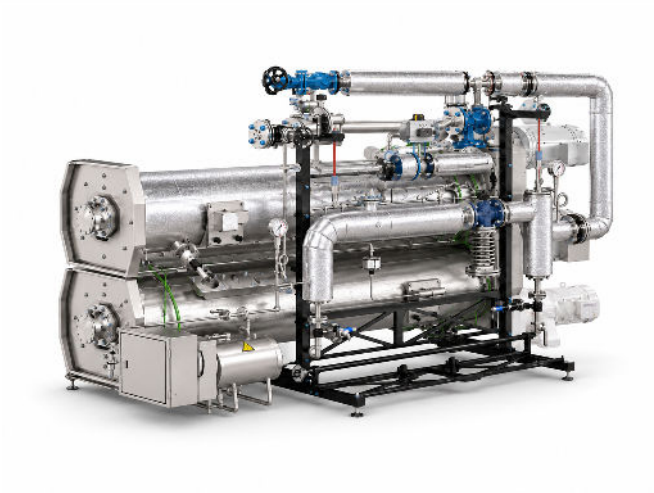
Reduced steam consumption
Controlled hot water dosing replaces part of the steam input, creating potential energy savings.

Better conditioning control
Precise control over moisture, temperature and retention time before pelleting.

More consistent production
Stable conditioning conditions help reduce process variation and improve repeatability.

Improved hygiene and accessibility
Redesigned conditioner with better access for cleaning and maintenance.

How it works



1. Controlled hot water dosing
   Hydrotherm EOS introduces hot water at approximately 98–100 °C.
2. Combined steam dosing
   Hot water and steam are controlled together to achieve the required conditioning conditions.
3. Product conditioning
   Conditioner EOS ensures controlled mixing, moisture distribution and retention time.
4. Measure and optimize
   Flow, temperature and recipe data support consistent process control and optimization.

Key technical features

- Controlled hot water dosing at approximately 98–100 °C
- Flowmeter and PT100 temperature measurement
- Integrated control of hot water and steam dosing
- Redesigned conditioner for improved heat and moisture utilization
- Modular design focused on hygiene and accessibility
- Suitable for selected new installations and retrofit applications

Discover your savings potential

Together, we calculate potential steam and energy savings based on your recipe, operating conditions and current steam consumption.

ottevanger.com