



Bring your sealing water equipment to
" *the Next Level* "

Flow Control **SZ8 SealCooler™** Thermosiphon system is not just another product—it is a **revolutionary process innovation** designed to help companies improve sustainability, enhance water savings, and boost overall process efficiency. **A Closed Loop** (not traditional flow-through) system

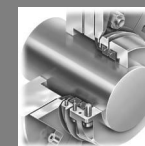


A traditional flow meter used today measures the consumption of water. The consumption for 100 pumps can be 570,000 litres in 24 hours on one paper machine alone.

Did you know c. 10% of all wastewater at the paper mill originates from seal water used for rotating shaft seals in pumps. This can be reduced to 1-2%. Or nil.



The 10 % consumption can be reduced to almost zero with the help of a **new invention**. With enormous savings in wastewater treatment.



Mechanical Seals in Pump Applications

Flow Control
SZ3 SealCooler™
Thermosiphon system
Closed loop (not traditional flow-through) system.

1. Sustainability and Efficiency:

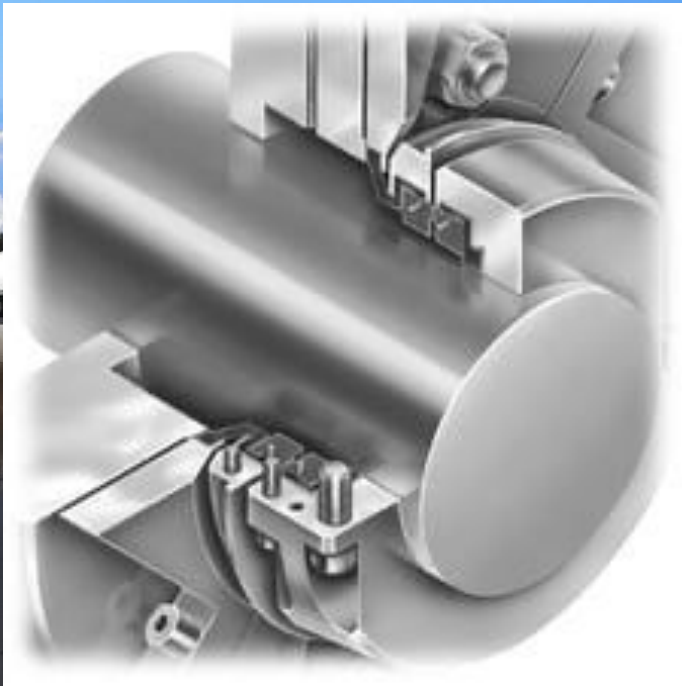
Flow Control
Muurame Finland

By reducing the amount of wastewater processed at treatment plants, the system cuts **energy consumption** and streamlines wastewater processes, leading to even greater environmental savings.

2. Extended Seal Life:

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The closed-loop system keeps seals pressurized, lubricated and cooled, preventing dry running and minimizing wear and tear. This reduces the need for maintenance and extends the life of the seals.



3.Ease of Use:



SealCooler SZ8 is easy to install and maintain, with mill personnel able to handle routine upkeep. Delivered directly from **FlowControl's** factory in **Muurame, Finland**, where many flow technology leaders are based, the product is tailored for quick and simple installation.



4. Proven Performance:

Flow Control
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With over **3,600 units already delivered**, SealCooler is a tested and trusted solution for businesses looking to enhance efficiency and sustainability.

Bring your sealing water equipment to **“the Next Level”** as many well known companies have already done

SULZER


BILLERUD


StoraEnso


**Smurfit
Westrock**

**HOLMEN
IGGESUND**

NIPMAN
PAPER TECHNOLOGY

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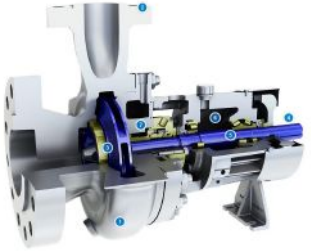
Robert Clayhills, Nipman Paper Technology

More Than a Product— A Complete Process Innovation

Flow Control **SZ8 SealCooler™** Thermosiphon system is not just another product—it is a **revolutionary process innovation** designed to help companies **improve sustainability, enhance water savings, and boost overall process efficiency.** By replacing outdated technology with **SealCooler SZ8**, businesses can quickly achieve meaningful improvements while reducing environmental impact.

Flow Control **SZ8 SealCooler™** Thermosiphon system

Mean Time Between Failures increased



- ✓ Latest innovation in seal water handling for pumps
- ✓ Excellent price-quality ratio
- ✓ Immediate impact on equipment reliability and energy use
- ✓ Massive saving due to less overall water handling
- ✓ **Quantifiable long-term benefits in terms of improved reliability and cost savings.**
- ✓ MTBF is increased
- ✓ A key sustainability goal is also achieved : saving along the whole production chain.

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Manufacturer's Sales Representative
All European markets, UK, Scandinavia,
Turkey and Middle east

[**www.nipman.com**](http://www.nipman.com)