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# Parmalat: Reliability essential

Parmalat has chosen Grundfos Digital Dosing pumps for the water treatment system that is vital for operations at its plant in Hungary. The company employs a total of about 40,000 people in more than 162 plants in 27 different countries, and is the world's leading manufacturer of UHT long-life milk.

## The Situation

Parmalat production technology is based on high quality. At their dairy plant in Hungary, all the water treatment pumps are from Grundfos - and the explanation is very straightforward. The management of the Parmalat dairy plant and the plant contractors both know from experience that they can depend on Grundfos reliability and limit.

When preparing the system specifications, Parmalat worked in close collaboration with CWG Hungary Ltd. as the main contractor. This company has a very strong position in the Hungarian water treatment market

## The Grundfos Solution

After careful consideration, it was decided that the new water treatment system installed by CWG would operate without reserve dosing pumps. Instead, back up comes from rapid, reliable Grundfos service that can get the system up and running again within an agreed 24-hour limit. CWG staff noted that the Grundfos Digital Dosing pumps were very easy to build into the system, and their user-friendly installation and digital set-up made it easy to bring the pumps into operation.

In the water-cooling system, a pulse-controlled DMS 8 administers a corrosion control chemical (ml/pulse). A DMS 2 automatically administers a fixed dosage of biological control chemical based on time control from the control cabinet. In the boiler feed system, two DMS 8 pumps administer fixed

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### LOCATION:

Hungary

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### COMPANY:

Parmalat

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dosages (ml/h) of oxygen scavenger and a pH regulator. A Grundfos Hydro 2000 pressure booster and a CR 8 multistage pump provide pressure to the water-cooling system and reverse osmosis process, respectively.

#### The Outcome

The dairy plant in Hungary is provided with a reliable and user-friendly pumps system that covers all the water treatment. The advantages are among other things reliable pumps that ensure that the system is always working at maximum efficiency, Grundfos extensive service network is available nearby to provide any assistance that may be needed, rapidly and reliably. And least but not less important the Hungarian plant has got one single pump supplier for the entire water treatment system means that everything works together.