

## Press Release

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### **90% reduced fiber content in reject discharge: pulping drum from Voith convinces Marusumi Paper**

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Voith has launched the IntensaDrum pulping drum. This is an additional product from Voith's efficient BlueLine, a product and component line that keeps energy, water and fiber consumption in stock preparation as low as possible. IntensaDrum was developed in order to disintegrate recycled paper in the gentle high consistency range.

At Marusumi Paper in Japan, two IntensaDrums have already been successfully put into operation. Both pulping drums were installed in only three weeks. "We were able to start up the machines before the actual schedule and are very satisfied with their performance. Our expectations were exceeded," says Toshikazu Ichihara, General Manager Facility & Construction at Marusumi Paper. In comparison with the previous pulping drums, the fiber content in the reject discharge is reduced by 90%. The accept flake content is reduced by a striking 35%.

In the pulping part special lifting bars lift the suspension and let it fall back onto the drum body. The recovered paper is thus gently pulped. Directly before the screening zone, a screenable stock consistency is immediately achieved due to an innovative addition of dilution water. The screening surface is thus used more efficiently and fewer fibers are lost. Due to the perforated screen plates in the screening part, fibers and contaminants are easily separated. Thanks to the largest possible and open access for the reject discharge, the contaminants are removed from the screening zone in an operationally reliable and trouble-free fashion.

"One of the reasons why we chose the IntensaDrum from Voith is its design. The running rings are made of high strength forged steel and wear less. We thus expect a lastingly stable run. Furthermore, we appreciate the

many years of successful cooperation with Voith,” Toshikazu Ichihara adds.

Thanks to the wear-free seal between the inlet chute and the drum the inlet chute are virtually maintenance-free. This leads to less downtimes and thus reduces the costs for the paper manufacturer. Also the occupational safety is improved: Differently to other pulping drums the personnel can enter and leave the drum through the rear opening without any problem. A dangerous entry through the inlet chute is no longer necessary.

Marusumi Paper is one of the largest Japanese paper manufacturers. The company produces mainly copy and writing paper as well as newsprint and packaging paper.

Further information is available on the Voith website at [www.voith.com/paper](http://www.voith.com/paper). Voith Paper is also on [Twitter](#) and [YouTube](#).

Voith Paper is a division of the Voith Group and the leading partner to and pioneer in the paper industry. Through constant innovations, Voith Paper is optimizing the paper manufacturing process, focusing on developing resource-saving products to reduce the use of energy, water, and fibers. Furthermore, Voith Paper offers a broad service portfolio for all sections of the paper manufacturing process.

Voith sets standards in the markets energy, oil & gas, paper, raw materials and transport & automotive. Founded in 1867, Voith employs more than 43,000 people, generates €5.7 billion in sales, operates in about 50 countries around the world and is today one of the biggest family-owned companies in Europe.

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