

Vacuum distillation offers huge cost-saving potential: H2O GmbH at Industrie Paris

Paris/Steinen. "VACUDEST allowed us to reduce the amount of wastewater we produce so much so that the investment paid for itself in just one year. On top of that, we are able to save more than €100,000 each year thereafter," says Bernd Löffler, General Manager at thermofin. This success is something that other metalworking companies can also emulate. H2O GmbH will be on hand at Industrie Paris, the international trade show for production technologies being held from 4 to 8 April 2016, to provide answers on how this can be done.

Vacuum distillation systems help deliver these savings by eliminating wastewater and disposal costs. Depending on the level of contamination, 100 per cent wastewater is evaporated to produce 98 per cent pure water, leaving only two per cent residue. The quality of the clean water is so high that it can be reused in the process. By recycling the wastewater in this way, it is possible to reduce disposal costs by up to 98 per cent!

What sets VACUDEST vacuum distillation systems apart is the patented technologies from the application centre for wastewater-free technology that guarantee consistent distillate quality. The distillate is virtually free from oils, making it optimally suited for reuse – even in demanding processes.

Any company generating more than 180 cubic metres of wastewater each year can save money. Oily cooling lubricant emulsions, die-casting release emulsions and rinse water used in cleaning parts and in surface treatment processes can be treated, to name just a few examples.

If you would like to discover more about the VACUDEST technologies, visit the H2O GmbH team at Booth 5 in Hall G34.

About H2O - The experts for zero liquid discharge of H2O are worldwide technology leaders in the field of efficient and reliable evaporators for the treatment and recycling of industrial wastewater. Thanks to modular technology, the systems are tailored individually to the customer needs. With 30 years of experience in the industrial wastewater treatment H2O GmbH develops innovative products that set new technological standards.

Since the spin-off of the Mannesmann Demag Group in 1999, sales grew by an average of 15 percent to 16 million euros in 2014. H2O employs more than 100 people worldwide, including 80 at its headquarters in Steinen, Germany.

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