

Best Performance

Efficiency specialists will find a visit to the Tsurumi stand B1.444 very worthwhile: For the first time, this Japanese company will be presenting its new BP sewage water pumps to the market. With the high-performance motors and extremely efficient hydraulics in a very durable design, it wants to set new standards. The magic formula here is 'Wire to water'.

These immersion units, that can also be installed in dry locations, are part of a sewage campaign that the largest construction pump manufacturer started last year.

This new product can pump up to 225 m³ sewage an hour and achieves delivery heads of up to 68 metres. The series includes several versions with motor outputs ranging from 2.9 to 11.5 kW. A special scraper mechanism on the impeller prevents blockages. The casing is also resistant to aggressive media. It measures up to 1.35 m in the largest free-standing model. Numerous safety features, for instance double shaft seals and capillary water protection, are standard for this series.

Efficiency plus durability

"The entire design focusses on high efficiency and durability," emphasises Birger Schmidt who works in the sales team at the manufacturer's company in Düsseldorf. "We are pushing the limits of what is feasible."

The design work focussed on the technology formula 'wire to water': The development goal was to achieve a top ratio of applied electrical energy and the resulting kinetic output.

The achieved improvements are 'substantial'. According to Schmidt, it is relatively easy to build motors with IE3 efficiency and a high MEI, and this alone is not a unique quality feature. Also, an efficient hydraulics system combined with standard motors is not enough to make them stand out. "The real challenge is to develop a pump with a highly efficient motor and equally efficient hydraulics", all in an extremely durable model as demonstrated in the construction dewatering pumps by the manufacturer. This design principle, which has been summed up in the Tsurumi slogan 'Stronger for longer', has been transferred to the latest sewage pumps.

This is why the BP is a 'best performance' overall package and a real innovation at the IFAT. The new BY sister series also has this DNA, says Schmidt.

Other highlights on the stand include the sewage pumps of the UY and GY series, and Tsurumi's prize-winning LSC residual water pump. The Japanese company is also presenting its TRN aerator for sewage cleaning and preliminary clarification which outdoes conventional membrane plants, amongst other things, in terms of maintenance and procurement aspects. For more information, visit Tsurumi.eu on the Internet.

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Tsurumi is one of the world's most experienced pump manufacturers. From its modern facility in Kyoto, Tsurumi produces more submersible pumps globally per year than any other pump manufacturer. There are currently over 1800 different pump models in the Tsurumi range, including semi-vortex, vortex, non-clog, cutter, contractor & dewatering, sewage & wastewater, aerators & blowers, decanting units and scum skimmers. Tsurumi operates on a worldwide basis with an extensive dealer network in Europe, North and South America, Asia, Australia and parts of Africa.



New high-performance pump BP for sewage by Tsurumi: Sturdy design like the construction dewatering pump by the market leader combined with excellent motor and hydraulic efficiency (Photo: Tsurumi)



Generic water motifs / lead photos" (Photo: Tsurumi)



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