

Advancing Industry Demands through Tsurumi's Yonago Plant



Tsurumi Yonago Plant, located in Tottori Prefecture, Japan, is equipped for advanced manufacturing and performance validation

As industry demands evolve, so must the way that critical equipment is designed, manufactured and tested.

At Tsurumi Pump's Yonago Plant in Japan, innovation is viewed as an approach that connects engineering, advanced casting, and research and development under one roof.

The Yonago Plant serves as a hub to produce large drainage and submersible pumps, along with liquid ring vacuum pumps and compressors. The products are used across a range of applications including water supply, sewage systems, and industrial facilities. Beyond manufacturing, the plant operates as a research environment, where new technologies are continually developed.

At the plant's Molding Research Building, is a state-of-the-art sand casting additive manufacturing device for 3D printing. This machine eliminates the need for traditional wood casting patterns, which has historically required



The Molding Research Building at Tsurumi's Yonago Plant

significant time and manual labor. Tsurumi enables greater design flexibility for customized products by transitioning to digital manufacturing production.

The technology is supported by capabilities within Tsurumi's Fluid Research Building. Using CAD, CAM, and CAE technology, engineers can visualize casting

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Tsurumi Pump's Yonago Plant integrates advanced casting, digital engineering, and full-scale testing to drive innovation and deliver high-performance pump solutions.



Artificial Sand 3D Printer at the Molding Research Building

performance, identify potential flaws, and verify product accuracy before product is complete. These tools help ensure that each component meets strict quality standards while streamlining the overall manufacturing process.

Significant to Yonago Plant's capabilities is its large scale testing infrastructure. The facility features underground test tanks reaching depths of up to 36 feet. This allows engineers to evaluate pump performance with discharge diameters up to 2,000 mm, as well as large liquid ring vacuum pumps and compressors. By testing equipment at full scale, Tsurumi can validate real-world performance and reliability before products are deployed in the field.

Together, these capabilities reflect Tsurumi's commitment to advancing pump manufacturing through innovation. By combining digital technologies with hand-on engineering expertise and rigorous testing, Tsurumi's Yonago Plant plays a critical role in delivering high-performance solutions that meet the growing demands of global infrastructure.

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ABOUT TSURUMI

Founded in 1979, Tsurumi (America), Inc. is a division of Tsurumi Manufacturing Co., Ltd., a global pump industry innovator since 1924. Headquartered in Glendale Heights, Illinois, the company maintains additional operations in Quebec, Canada; El Paso, Texas; and Salt Lake City, supporting customers across North America. Globally, Tsurumi operates in more than 45 countries, delivering reliable pumping solutions for construction, civil engineering, mining, industrial and municipal wastewater, sewage treatment, flood control, and landscape applications. Tsurumi products are backed by independent, third-party verification and supported by a robust distribution network and one of the largest on-hand inventories in North America.