

Meeting Every Municipal Challenge: Tsurumi's AVANT® MY and MQ Series



Tsurumi Pump's AVANT® MY and MQ Series deliver two distinct wastewater pumping solutions with uncompromised reliability for explosion proof applications. The AVANT line was designed to meet the needs of facilities ranging from small municipal systems to large treatment plants with complex demands. Within the AVANT line, the MY Series was designed for dependable performance with rapid availability, while the MQ Series was engineered for ultimate customization.



Tsurumi AVANT® MY Series:
*Chopper & Grinder Pumps for
Tough Sewage*

Tsurumi AVANT® MQ Series:
*Wet & Dry Versions Available
from 4 - 215 Horsepower*

MY Series: Proven Pumps with Fast Turnaround

The AVANT MY Series brings Tsurumi's durability to facilities that need dependable wastewater pumping performance with minimal downtime. Designed for industrial and municipal operations, the MY Series boasts readily available inventory, providing fast turnaround for operators who require FM-certified equipment for hazardous location use.

Each MY pump is built with a high-quality cast iron housing and double silicon carbide mechanical seals to ensure long-lasting durability. With motor outputs from 2.5 to 20 HP and discharge sizes from 2 to 4 inches, the MY Series efficiently handles solid-laden wastewater while minimizing clogging. Operators can select from four impeller types, open channel, chopper, vortex, and grinder, for flexibility across site conditions.

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The MQ Series: Customized for Unique Plant Needs

The AVANT MQ Series redefines performance for large scale wastewater operations while offering full customization. These submersible pumps feature IE3 premium efficiency motors for energy savings, leading to lower operational costs while maintaining the standard of dependability that Tsurumi is known for.

The MQ Series is available in both wet and dry configurations, with the dry model utilizing Tsurumi's exclusive closed loop cooling system. This system cools the pump motor with a water-glycol mixture, without exposing it to wastewater. The MQ Series also includes FM certification for hazardous locations, anti-clogging hydraulic designs, and Molib-tech™ coating options for enhanced resistance to abrasion and cavitation.

With discharge sizes from 2 to 16 inches and motor outputs up to 215 HP, the MQ Series provides extensive configuration options, including multiple impeller and material combinations. Its fully customizable platform is designed to adapt to site specific requirements, fluid types, and installation constraints.

Two Series, One Trusted Name: AVANT

Together, Tsurumi's AVANT MY and MQ Series of pumps reflect the company's commitment to innovation, reliability, and long-term value. The MY Series provides a quick, yet reliable, solution for smaller systems, while the MQ Series offers advanced customization for larger operations. Both series reflect Tsurumi's dedication to durability while being backed by over a century of engineering expertise in wastewater applications.

Whether operators need a ready-to-ship pump that performs directly out of the box or a custom engineered product, Tsurumi's AVANT line delivers solutions that perform reliably across a range of operations.



Tsurumi AVANT® Series: Durability and performance where it matters most.

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ABOUT TSURUMI

Tsurumi (America), Inc., a division of Tsurumi Manufacturing, was founded in 1979. Headquartered in Glendale Heights, Illinois, Tsurumi (America), Inc. has bases in Quebec, Canada; El Paso, Texas; and Salt Lake City. Globally, Tsurumi is active in 45 countries and has been an innovator in the pump industry since 1924. Tsurumi (America) is a provider of leading pumping technology in construction, civil engineering, mining, industrial wastewater, municipal wastewater, sewage treatment, flood control and scenery creation fields. Tsurumi products are backed by independent, third-party verification. Beyond leading pump technology, Tsurumi (America) is recognized for its robust distribution network and one of the largest on-hand inventories in North America.