



Tarsco Bolted Tank
a TF Warren Company



**Full Service Provider of Liquid and
Dry Bolted Storage Tank Systems**

Integrated Bolted Tank Systems

Tarsco Bolted Tank, a TF Warren Company, is the global leader in factory applied coated bolted tanks.

Tarsco Bolted Tank provides superior quality and cost effective integrated bolted tank solutions and is committed to being the safest, most cost effective and customer focused supplier in the industry. We are driven to be the number one choice in the bolted tank storage industry.



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Always Improving

Tarsco Bolted Tank continues to upgrade and improve not only its heritage processes, which have long been the industry standard, now introduces its new state-of-the-art coatings application system along with a new high-speed laser cutting system.

This multi-million dollar equipment investments improve the complete manufacturing process.

The new laser cutting system offers superior component fit-up during installation reducing field assembly time and improved cut quality with enhanced accuracy.

Advancing the Process

The new improved coatings process demonstrates Tarsco Bolted Tank's commitment to continued improvement of equipment, quality controls, testing, state-of-the-art processes and end product. The new multi-step process ensures Tarsco Bolted Tank produces the highest quality and most durable bolted tank solutions worldwide.

The coatings system Tarsco Bolted Tank employs reinforces the long-held philosophy that the processes and equipment utilized are as important as the coatings themselves.



Our system offers:

- improved tank durability
- longer life-cycle
- better corrosion resistance
- improved finish thickness

The Coatings Process

An overhead monorail rotary-blast machine capable of achieving SSPC SP-10 utilizes eight separate rotary blasting wheels. This ensures the metal surface is free of all visible oil, grease, dust, dirt mill scale, rust coatings and other foreign debris which could interfere with the coatings process and impact durability and tank life.

After blasting, all tank materials pass through a four stage washer. The washer uses reverse osmosis water that removes all water hardness. The parts then pass through the following stages: cleaner, rinse, secondary rinse, and zirconium pretreatment.



In the next step, tank components are run through a highly efficient gas convection dry-off oven to ensure the tank components are completely dry, preventing flash rusting prior to painting.

The parts are now ready for coating and travel into the first of two temperate and humidity controlled environmental rooms. A base coat primer is applied first by the system. The parts are electrostatically coated in a highly efficient paint booth which minimizes faraday cage effects and

hard to reach spots in the parts. This highly efficient patented technology ensures even paint coverage.

The new paint booth technology eliminates cross contamination and is yet another effort to make Tarsco Bolted Tank the most environmentally friendly tank manufacturer in the world.

Following the powder coating process, the components are exposed to a gas infrared oven that gels the paint. This begins the curing process and prepares the components to accept a top coat.

The Top-Coat Process

The final step of the new coatings system is the top coat process. The parts travel into the second environmental room and paint booth where they are coated with a standard or custom powder color.

A second gas infrared oven then affords a quick ramp up of temperature for the parts which then move into a gas convection oven to cure very heavy and thick metals uniformly and consistently.



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Leading the Bolted Tank Industry

The combination of all of the recent equipment and process improvements along with employing the safest construction crews, the laser precision of the metal cutting equipment, enhanced state-of-the-art coatings processes, and rigorous quality makes Tarsco Bolted Tank the leader in the bolted tank industry.

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