



Therma-Tron-X, Inc.
Industrial Finishing Systems

LIQUID COATING SYSTEMS

Precision engineered to best meet your operational requirements

Liquid coating systems from Therma-Tron-X have developed a reputation for dependability by reliably serving hundreds of customers across North America and overseas. TTX engineers evaluate plant space, part configuration, coating requirements and throughput capacities before recommending the custom layout fits your finishing operation. Our experience in design, testing, fabrication and installation ensures that your system will provide maximum value with minimal investment.

Therma-Tron-X spray washers deliver the optimal pretreatment combination for any painting process, and may be outfitted with complete water conditioning and wastewater treatment equipment from TTX Environmental. Dryoff and cure ovens feature high efficiency heat sources and fans offering precise performance throughout their volume. Conveyors of any type and complexity not only supply dependable material handling during the coating process, but can also connect fabrication areas, paint department and final assembly or shipping locations.



Therma-Tron-X coating systems stress efficiency and reliability – from cleaning to curing.

Therma-Tron-X spray booths feature closed loop PID exhaust system controls with automatic airflow regulation. As booth filters slowly become saturated with overspray, air pressure is gradually increased to maintain constant flow into the exhaust system. The system also warns operators when filters must be replaced.

TTX liquid coating systems are monitored and managed by reliable PLC hardware, and may be equipped with documentation software capable of downloading system data for process analysis in order to maximize efficiency. Therma-Tron-X personnel train your workers in how to optimize performance and, down the road, can inspect your equipment and suggest upgrades and retrofits on components like pumps and burners.



Liquid spray coating systems engineered for economical operation

Therma-Tron-X has long been an industry leader in the design of energy-conserving surface finishing equipment. Our years of experience, combined with the objective of continuous innovation, enable our liquid coating systems to offer high throughput cleaning, coating and curing with maximum efficiency.

For example, Therma-Tron-X equipment employs the latest in burner technology, with automatic gas modulation constantly monitoring usage and preventing the overshooting of temperature deadbands – both on heated washer stages and in ovens. Dryoff and cure ovens are combined where possible, eliminating two outside walls to cut radiant heat loss. Recirculating air seals at oven entrances keep heated air inside, while automatic exhaust systems minimize the amount of heat lost up the stack.

Conveyors cut energy costs by using drive gearboxes that are 95% efficient, eliminating chain drag. Therma-Tron-X liquid spray paint booths feature closed loop PID exhaust system controls with automatic airflow regulation. As booth

filters slowly become saturated with overspray, makeup air pressure is gradually increased to maintain constant flow into the exhaust system. The system also warns operators when filters must be replaced.

Our documentation package monitors operational parameters and offers the opportunity to closely analyze system performance in order to increase efficiency. Therma-Tron-X personnel train your workers in how to optimize performance and, down the road, can inspect your equipment and suggest upgrades and retrofits on components like pumps and burners.

Today's manufacturing environment demands close attention to operational detail. With Therma-Tron-X, customer relationships don't end at startup. We give you the analytical tools and the on-site support that help you get the most from your coating system.

**Your Best
Finish Starts
with Us**

**Call Therma-Tron-X today
to discuss the energy
efficient machinery that
best fits your operation**



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