



Therma-Tron-X, Inc.

Industrial Finishing Systems

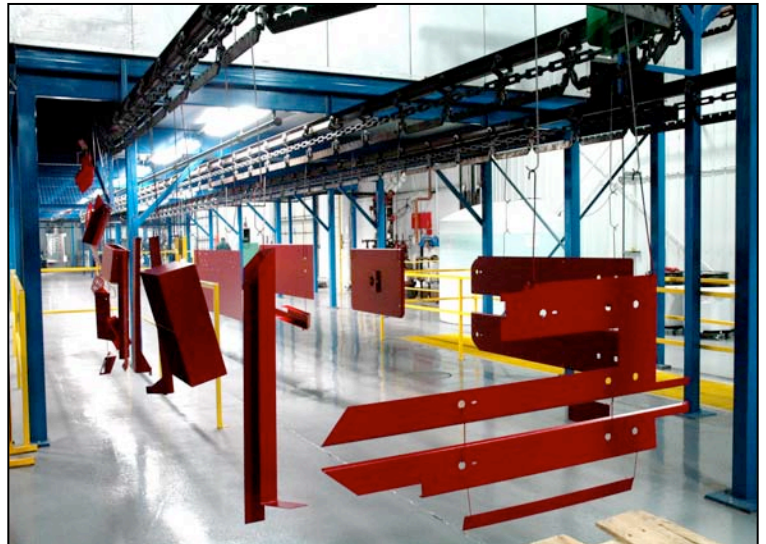
CONVEYOR SYSTEMS

Critical components built to handle the toughest conditions

Every Therma-Tron-X conveyor system is unique in configuration, load, and process requirements. Our experience in the design, fabrication and installation of conveyors allows us to meet every challenge presented by the material handling aspects of your finishing process.

Reliable TTX conveyors are CAD-designed and PLC controlled for high capacity performance. Dependably automating any finishing operation, they may also include transfer devices that seamlessly link to existing plant conveyors and to assembly, shipping and other manufacturing departments. Options include:

- Stationary loading/unloading - increases efficiency through improved product handling online or on offline spurs
- On-line accumulation - permits load staging for optimal processing rate
- Diagonal banking - minimizes oven size, cooling tunnels and staging areas by amassing multiple loads in smaller footprints.
- Variable speed operation - allows for high speed transfer between process areas



Therma-Tron-X designs, manufactures and installs a wide range of conveyors including:

- I-Beam
- Enclosed Track
- Overhead Power & Free
- Inverted Power & Free
- Chain on Edge
- Roller
- Flat Belt
- Knife Edge
- Walking Beam
- Two Strand

Patented SlideRail Square Transfer™ (SST) Technology



Therma-Tron-X designs conveyORIZED equipment with maintenance in mind. Washers and paint application booths have slotted roofs to protect conveyor components from moisture that causes premature deterioration of track and chain, resulting in poor grounding and coating contamination. Conveyors are equipped with automatic lubrication and chain take-up systems to decrease wear, extend operational life and minimize

Conveyors you can count on for cost-effective material handling

Therma-Tron-X is recognized an industry leader in the design of energy-conserving surface finishing equipment. Our experience, combined with continuous innovation, enable our conveyor systems to offer high throughput material handling with maximum efficiency.

Our revolutionary SlideRail Square Transfer™ (SST) systems feature a space saving design for use in electrocoating, powder coating, liquid spray painting, cleaning, pretreatment and heat treating operations. We offer power & free conveyor systems up to 6 x 6 in size to reliably handle heavy loads. Power and free can be used in conjunction with Programmable Logic Controller (PLC) management to direct complex coating operations, with diagonal banking in staging areas or ovens making maximum use of floor space. Roller conveyor is often used for the

onloading and off loading of large, bulky parts.

Overhead conveyors can be equipped with multiple speed drives for fast transfers between manufacturing processes. TTX conveyors cut energy costs by using drive gearboxes that are 95% efficient to eliminate chain drag, and are equipped with automatic lubrication and chain take-

up systems to decrease wear and maximize performance.

Slotted roofs in our washers protect conveyor components from the detrimental effects of moisture, ensuring a good ground and preventing contamination of the product.

In a manufacturing environment where every dollar counts, Therma-Tron-X conveyor systems will give your finishing operation dependable material handling, effective interconnection between assembly, finishing and shipping processes and durable operation over the long haul.



**Your Best
Finish Starts
with Us!**

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

