

# ECON-E-COAT

FOR SMALL FOOTPRINT ELECTROCOATING



## ECON-E-COAT SYSTEMS:

Introduced in 1990, the Therma-Tron-X Econ-E-Coat system offers high density throughput and has similar features to the TTX SlideRail Square Transfer® system, but in a smaller work envelope. Specifically designed to be portable, the modular unit can be relocated easily. The Econ-E-Coat system provides the same high quality and durability as the SST®, with many having accumulated more than 100,000 hours of operation.

Contact a TTX sales engineer to learn more.



## BENEFITS:

Not only does the Econ-E-Coat fit into a small space, its compact shipping size makes it easy to relocate. The Econ-E-Coat system comes complete with all the necessary components and is easy to install. In addition, design flexibility allows TTX to modify the Econ-E-Coat to suit the customers exact process requirements.



## FEATURES AND SPECIFICATIONS:

- Shipping size: semi-trailer/ocean container
- Indexing monorail carousel load/unload conveyor loop
- Automatic transfer from load/unload stations
- Automated SST® material handling system
- Coating capacity: 50-150 square feet per load, up to 3,000 square feet per hour, 6 million square feet per year per shift
- Multi-stage phosphate or conversion coating pretreatment system
- Immersion anodic or cathodic E-coat paint application with ultra-filtration, temperature control and rectifier
- Automatic paint feed based on square feet of surface processed
- 3 stage recirculated immersion post rinse
- Glass-enclosed pretreatment, E-coat and post rinse section provides improved safety and better plant environment
- Bottom entry/exit dehydration/cure oven is mounted above the tank section
- Forced-air cooling tunnel
- Integrated utility area for hydraulic unit
- PLC controlled with color HMI touch screen.



Available support equipment can include:

- Batch or continuous-flow wastewater treatment system
- Reverse osmosis water generation unit
- Automatic chemical feed for the pretreatment section
- Process data management system





### PRACTICAL APPLICATIONS:

A flexible machine with a small footprint, the Econ-E-Coat is all-inclusive and utilizes the patented SlideRail Square Transfer® material handling system. The Econ-E-Coat handles high density electrocoating, autodeposition coating, pretreatment and heat treating operations with ease.

### COST EFFECTIVENESS:

Electrocoating itself provides total coverage and is ideal for high productivity, uniform coating and low rejection rate. Due to the Econ-E-Coat's small footprint, ease of maintenance and overall system reliability, TTX's proven technology has enabled many shops to do their own finishing work. This reduces supply chain time and logistics costs.

### YOUR BEST FINISH STARTS WITH US

THERMA-TRON-X, INC.

Phone: (920) 743-6568

Fax: (920) 743-5486

Email: [sales@ttxinc.com](mailto:sales@ttxinc.com)

Website: [www.ttxinc.com](http://www.ttxinc.com)

