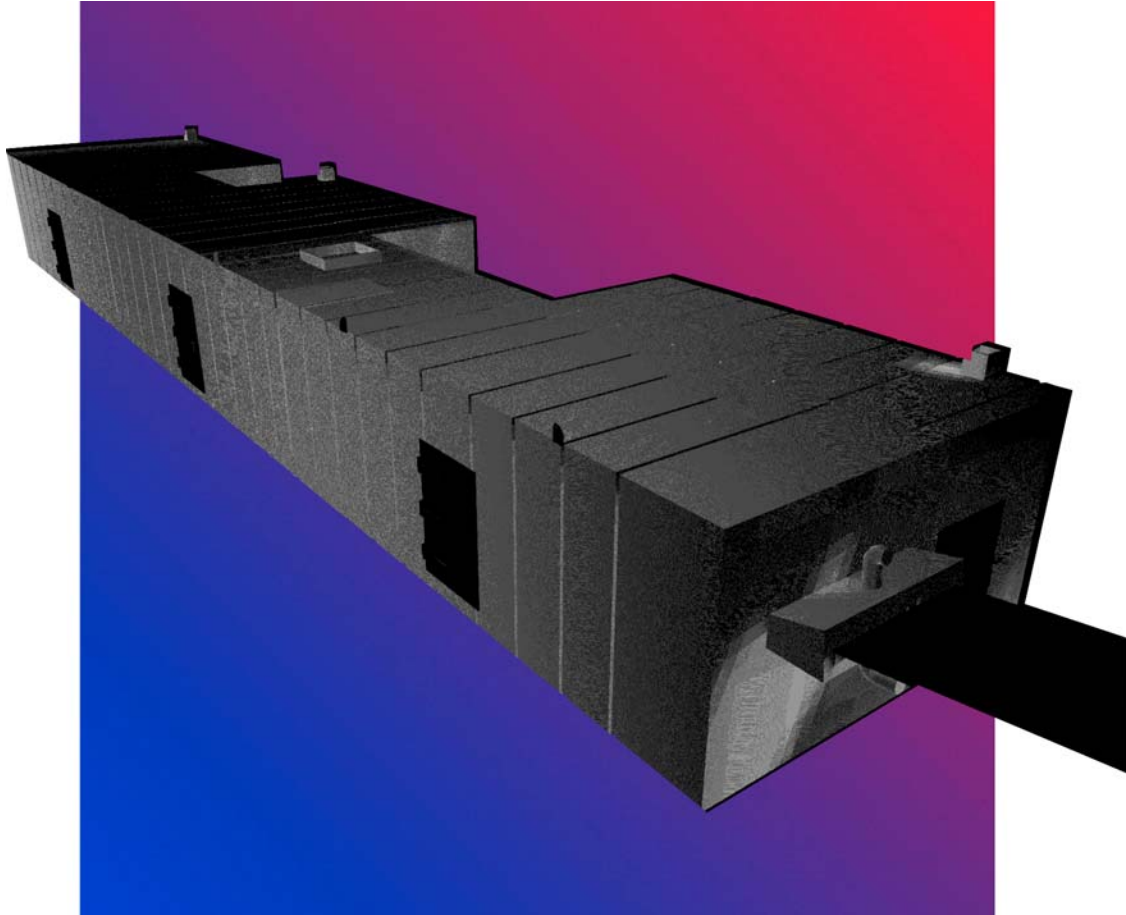




Dryers and Ovens

For Coil Coating Process Lines



MEGTEC offers catenary, flotation and semi-flotation drying technologies for coil coating applications. We custom design and manufacture systems to the specifications of your process, facility and budget.

MEGTEC can provide the coil coating drying technology that offers the best solution for your needs.

Cooperative Development

MEGTEC begins with pre-engineering, a thorough examination of your needs and objectives. Our experts work with your engineers to develop a drying system that

integrates smoothly with your entire process.

Complete Coating Compatibility

MEGTEC ovens meet the needs of solvent- and aqueous-based applications. Compatibility is not a problem. Your system will dry cleanly, producing a high-quality strip free of scratches and pick-ups.

Modular Construction Savings

Our modular construction techniques can reduce installation time and cost. Modular design can also save on freight and maintenance.

Performance benefits

- Effective Drying with Maximized Efficiency
- Compatible with Solvent- and Water-Based Coatings
- Reliable Performance, Smooth Process Integration
- Complete Systems, from Oven to Oxidizer to Heat Recovery
- Operational Safety
- Catenary, Full-Flotation and Semi-Flotation Systems
- Engineering Expertise and Process Familiarity
- Design, Manufacturing, Installation and Maintenance
- VOC Destruction and Heat Recovery Systems Available

Dryers and Ovens For Coil Coating Process Lines

04/04-00

Workplace Safety

MEGTEC dryers meet or exceed all safety requirements for explosion relief, fume control and worker protection.

VOC Control and Heat Recovery

In addition to ovens, MEGTEC provides recuperative, catalytic and regenerative VOC oxidizers as well as hot air recirculation and steam heat recovery systems.

Catenary Technologies

Catenary ovens can be the most cost-effective approach for drying coated coils. Their advantages include simplicity, straightforward design, efficient energy use and low capital costs.

Impingement Nozzle Expertise

MEGTEC low-velocity nozzles minimize coating defects and provide energy savings. Integral discharge slots in the headers ensure even air distribution, reliable performance and superior drying.

Lasting Performance

MEGTEC catenary ovens feature heavy-gauge internals to hold rigid alignment. They can handle wavy, distorted or cambered strips. The walk-in design simplifies maintenance.

Flotation Technologies

Full-flotation can offer productivity improvements that deliver long-term efficiencies that easily outweigh the higher capital costs these ovens require.

MEGTEC Hi-Float® Air Bars

Patented Hi-Float air bars support the strip with air while providing high heat and mass transfer and uniform cross-strip thermal profiles. Multiple-zone design requires no catenary flash-off section and eliminates wet coating distortion and skinning.

Reduced Strip Breaks

Flotation can reduce strip tension by 30%, reducing breaks and extending the life of rubber-coated rolls. Heavier gauges or wider coils can run on the same bridles with no horsepower increase.

Faster Line Speeds or Shorter Ovens

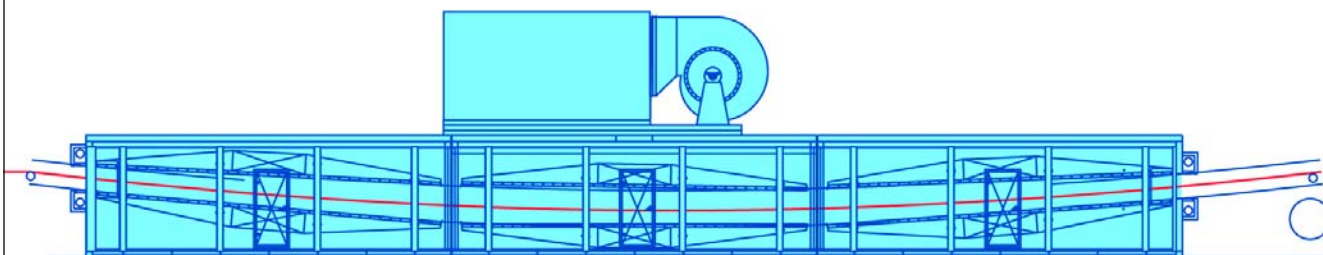
Hi-Float air bars permit the design option of either decreasing oven length by as much as 30% for the same line speed, or keeping the same oven length and increasing strip speed by a similar percentage.

Eliminates Strip Deformation

Hi-Float air bars support the strip evenly. Defects such as crown, camber or wavy edges are no longer a problem. Sag and tilt are also easily handled.

Semi-flotation Technologies

Some industrial coating applications are best served by combining catenary and flotation technologies. When this approach offers the best option, MEGTEC can provide the expertise and materials needed.



MEGTEC Dryers and Ovens for Coil Coating Processes...
We deliver the optimal solution for your application.

Europe

France

MEGTEC Systems SAS
Telephone: +33-1-69-89-4793
Fax: +33-1-64-97-7414

United Kingdom

MEGTEC Systems, Ltd.
Telephone: +44-1628-77-6244
Fax: +44-1628-77-6263

Germany

Sequa GmbH & Co. MEGTEC Systems
Telephone: +49-6181-94040
Fax: +49-6181-46646

Sweden

MEGTEC Systems AB
Telephone: +46-31-65-7800
Fax: +46-31-22-8319

MEGTEC Systems Amal AB
Telephone: +46-532-62900
Fax: +46-532-62999

Americas

United States

MEGTEC Systems, Inc.
Telephone: +1-920-337-1479
Toll-free: +1-800-558-2884
Fax: +1-920-339-2784

Brazil

MEGTEC Systems, Inc.
Telephone: +55-19-3885-6116
Fax: +55-19-3834-7788

Asia-Pacific

China

MEGTEC Systems (Shanghai) Ltd.
Telephone: +86-21-5479-4320
Fax: +86-21-5479-4322

Singapore

Singapore Sales Branch - MEGTEC Systems
Telephone: +65-6298-4666
Fax: +65-6294-6222

Australia

MEGTEC Systems Australia, Inc.
Telephone: +61-3-9574-7450
Fax: +61-3-9574-7460

Hong Kong

MEGTEC Systems, Inc.
Telephone: +852-9731-1040
Fax: +852-2836-8388

THE BOTTOM LINE IS PROCESS KNOWLEDGE

<http://www.megtec.com>