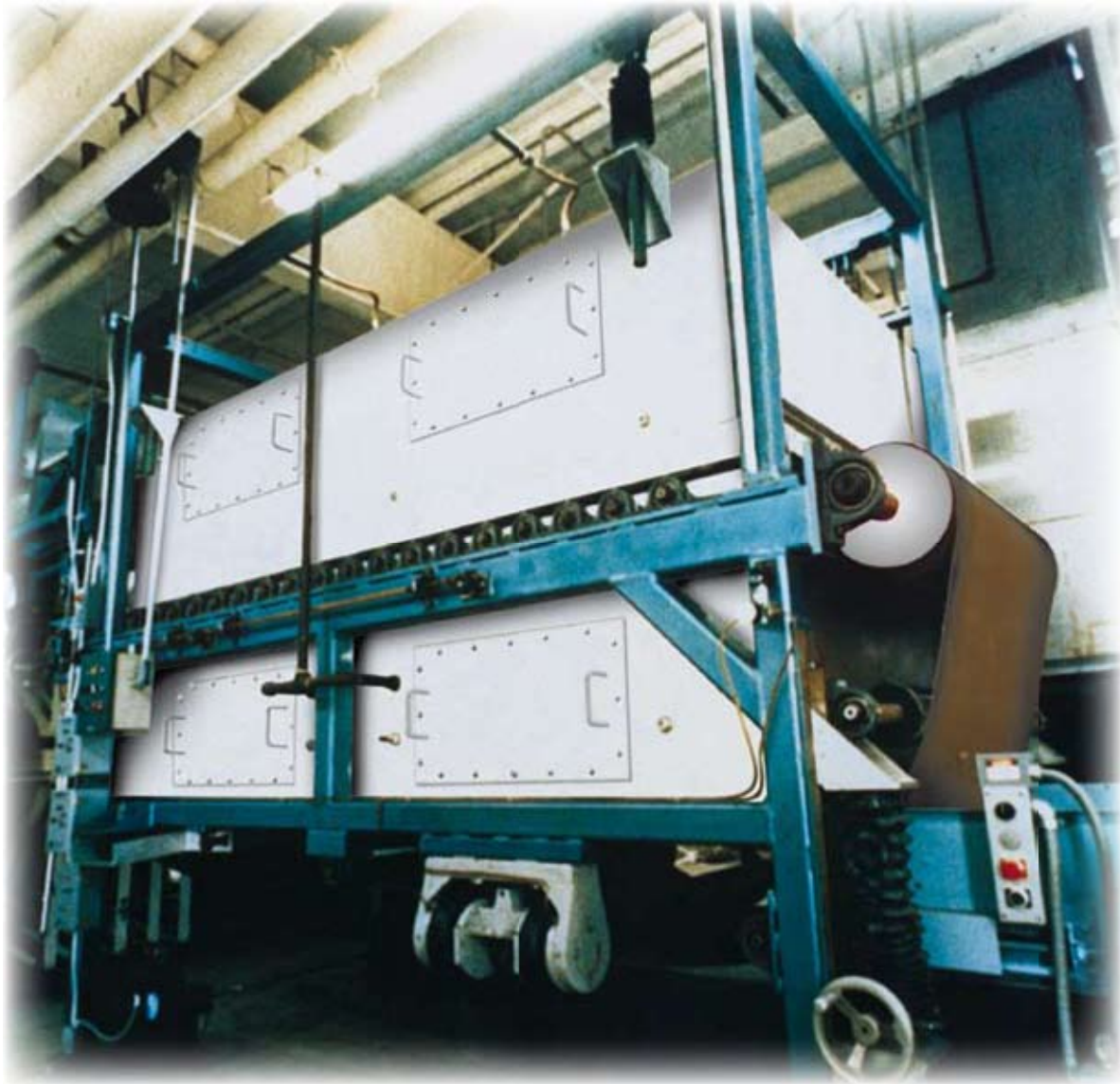


Thru-Air Drying System



Customized, High-Performance Dryers for Porous Webs



MEGTEC Systems brings our customers the expertise of four decades of experience in process air systems to applications requiring Thru-Air drying. We put our detailed knowledge of industrial processes and systems to work in every project. You're assured of equipment that enhances your quality, productivity and competitiveness. Our designers and engineers will work with your staff to be certain we fully understand your dryer performance requirements in relation to your whole process. Then we'll build a system that meets your needs, is easy to operate and fulfills your expectations. Our experience includes straight-pass systems for substrates in industries and applications including tissue, nonwovens, textiles, plastics, films, filters, building supplies and medical materials.

The bottom line is process knowledge



Thru-Air Drying System

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Performance benefits

- High-Speed, Uniform Drying Improves End Product Quality
- Precise Control Reduces Waste for Enhanced Productivity
- Rugged Construction Provides Trouble-Free Operation
- Precise Thermal Drying Control
- Dependable Web Transport
- Simplified Maintenance & Cleaning
- Single- or Multiple-Zone Configuration

MEGTEC Thru-Air drying systems deliver high drying rates, excellent cross-web uniformity and reliable performance. Each system is carefully developed to meet your precise specifications and provide high-quality product, dependable productivity and low maintenance.

Optimal Drying Performance

The primary benefit you want from a through dryer is high-quality output with the least possible waste and the greatest possible uptime. And MEGTEC delivers. Our experience in process air management means you get uniformity across the web with no out-of-tolerance product. Our expertise in industrial processing means that you get the precise drying curve required for your product.

Flexible Zone Configuration

MEGTEC can design a Thru-Air system in whatever length, width and zonal configuration your process requires. Our multiple-zone dryers deliver the precise thermal staging and dwell time for controlled drying and curing. Special air knives and barriers prevent infiltration between zones ensuring the integrity of the thermal profile.

Dependable Web Transport

We can provide the appropriate carrying wire for low-, mid- and high-temperature processes. A pneumatically controlled guiding system maintains correct alignment in high-speed applications. Tension is also regulated pneumatically. A variety of continuous and intermittent brush or shower cleaning systems are available.

Excellent Operating Efficiency

Our experts will help you determine the optimal balance between length and drying rate to achieve maximum operating efficiency. Each system is designed to be self-sealing and prevent infiltration and exfiltration. A thick layer of insulation lowers skin temperatures and limits heat loss. Fuel costs are minimized. Both PLC and DCS control systems are available.

Easy Installation, Maintenance & Cleaning

MEGTEC can provide a system in the operational and mechanical configuration best suited to your process line. To the fullest extent possible, our equipment is preassembled, prewired, prepiped and pretested to minimize installation time and expense. We build equipment with proven techniques and rugged components that resist thermal stresses and deliver years of reliable production. Features like retractable box design simplify access for cleaning and maintenance.