



# Flotation Dryers

*For The Paper Industry  
Productivity, Quality, Stability.*



**M**EGTEC flotation dryers exceed the highest requirements for the paper industry. Since the 1960s, our engineers and designers have worked with the world's largest paper machinery manufacturers to build custom flotation systems that meet the industry's most demanding specifications.

Any width. Any speed. MEGTEC has the experience to deliver a drying system that provides performance and exceptional reliability.

## **Performance benefits**

- Expert Industry Knowledge and Experience
- Proven Performance
- Engineered for Integrated Operation
- On-Line or Off-Line Applications
- Energy Efficiency
- Rugged Construction for Precise Alignment
- Superior Web Stability and Transport
- Efficient, Effective Drying
- Complete Choice of Nozzle Designs

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## Optimal Nozzle Designs

MEGTEC offers a range of nozzles for virtually any papermaking application. In addition to air foils, impingement nozzles and slot nozzles, MEGTEC has patented air bars offering superior flotation and drying characteristics. These include the Hi-Float®, Tri-Float™ and Dual-Dry™ systems. All use positive air pressure to support the web and provide contact-free drying.

## Reliable Flotation

MEGTEC flotation air bars give the moving web an optimal sine wave shape that prevents fluting, edge flutter and other handling problems. Even difficult materials like board can be reliably transported. All MEGTEC air bar and nozzle systems are available in both standard and double-width configurations for the precise characteristics needed.

## High-Efficiency Performance

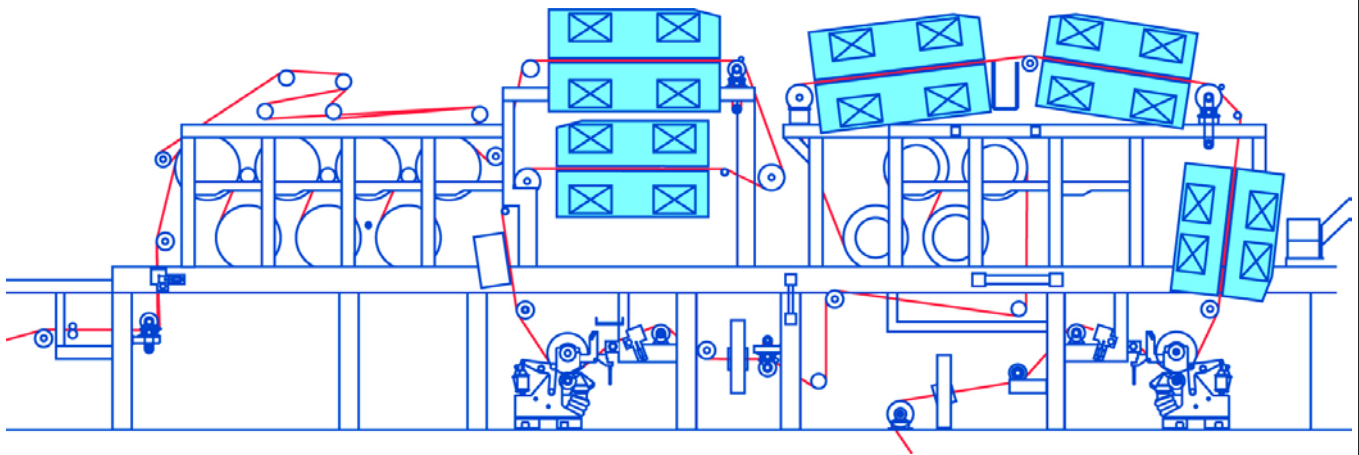
MEGTEC flotation air bars deliver superior heat and mass transfer. These properties enhance drying speed, allowing an increase in web speed for greater production. At the same time, the thermal efficiency of MEGTEC air bars lowers drying temperature, saving energy costs. The improved drying speed of MEGTEC air bars allows for shorter dryer zones, lowering capital costs.

## Built for Durability

The hood construction, rugged frame and strong internal and external lining provide exceptional stability ensuring precise alignment. The rigid vertical opening system makes operation safe and simple. Heat-resistant heavy-duty fans provide years of reliable operation.

## Custom-Designed Solutions

MEGTEC engineers will work with you to design and build a dryer system for your exact requirements. We have the expertise to ensure you get a system that matches your specifications and integrates smoothly with all other elements of your process line. Additionally, we offer a wide line of related web handling products as well as one of the industry's largest and most responsive service networks.



Flotation Dryers for the Paper Industry from MEGTEC...  
Proven performance and productivity.

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THE BOTTOM LINE IS PROCESS KNOWLEDGE

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