

LEGEND™ Air Flotation Dryer



Since building the first industrial flotation dryers in 1969, we have continuously improved our designs. Hundreds of subsequent installations have resulted in thousands of refinements. Today, MEGTEC offers you the benefits of that experience and expertise in the LEGEND dryer, the most thoroughly proven industrial drying system available. With more than a quarter century of field-tested performance built into each unit, the LEGEND dryer continues to set the worldwide standard for productivity and value. The LEGEND dryer's design flexibility accommodates both application and installation requirements.

The bottom line is process knowledge

LEGEND™

Air Flotation Dryer

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The basic dryer adapts easily to almost all industrial web process applications. Modular components permit configurations that fit the needs of any site.

Design Advantages

Separate web drying and air handling modules open the basic design to virtually unlimited capability and zone configuration. MEGTEC can customize a LEGEND dryer for your exact specifications. LEGEND dryers have been proven at web speeds up to 5,000 fpm (25 m/s) and with up to 30 feet (9 m) - while providing superior drying and web handling. Standard nozzles include 1x and 2x HI-FLOAT and STEPFOIL air bar systems.

Unlimited Applications

The LEGEND dryer has demonstrated its effectiveness in a wide range of industries and applications. LEGEND dryers have been used with web substrates including papers, films, textiles and metals, as well as a variety of solvents, 100% solids and emulsions. No other flotation drying system can equal the LEGEND dryer's record of success.

Process Air Expertise

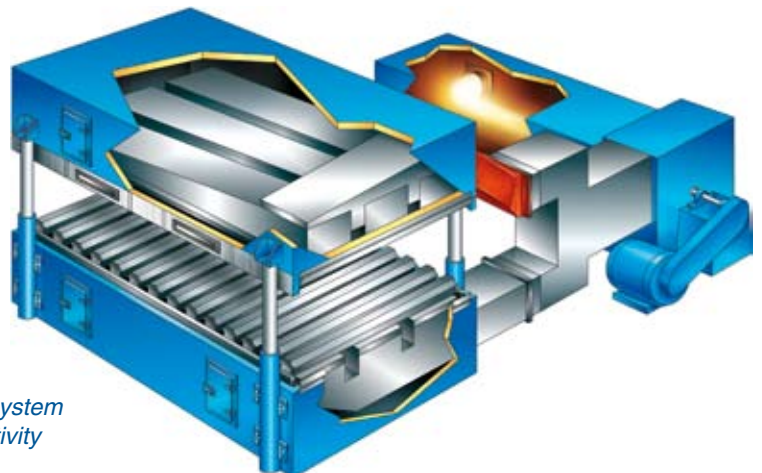
The LEGEND dryer delivers safe, reliable operation. MEGTEC air bars provide uniform drying in both cross-web and machine directions. The LEGEND dryer delivers rock-solid web handling, tracking and stability. Available nozzle and air bar configurations allow the LEGEND dryer to work at various web tensions and webs ranging from ultra thin to thick gauge materials. Every LEGEND dryer includes our unmatched technical expertise and thorough experience in web processing.

Long-term Value

High-efficiency heat sources and advanced air flow management conserve energy to minimize operating costs. Whether you run gas, thermal oil, steam or electric, we have a heating system designed for your needs. Rugged components, superior alloys and precision manufacturing deliver years of productive operation and lasting value.

Easy Maintenance

Planar retraction provides ample access from both sides of the dryer for thread-up, cleaning and internal maintenance. Accessible fans, motors and heat sources allow for easy adjustment, service and maintenance. Electric drive motors in the air handling package are the most efficient and dependable available.



*LEGEND...The flotation drying system
that continues to set the productivity
standard for my industry*