



DRYERS— INNOVATION AND DURABILITY FOR MAXIMUM COMPETITIVENESS

Here's a look at the latest in drying technology from leading manufacturers

By Ryan Kiernan

TRSA supplier partners in the area of dryer manufacturing have once again outdone themselves. They're offering an array of new features and operational improvements that can save energy, boost throughput, extend textile life, suppress fires, remove lint automatically and much more. The machines featured below offer rugged construction and advanced microprocessor controls. There's an option for high-quality reconditioned equipment as well, if that what you require. A key hallmark of many of these machines is simplified maintenance. One dryer comes with a built-in automated preventive maintenance (PM) system, complete with instructional videos aimed at helping ensure timely upkeep with minimal downtime. Read on to learn more about these versatile, durable dryers from TRSA supplier partners and how they can help you maximize competitiveness.



CONSOLIDATED LAUNDRY MACHINERY

☎ 323.232.2417

🌐 www.clmco.com

Consolidated Laundry Machinery (CLM) dryers are built to provide decades of productive and efficient operation. CLM took the best attributes from its high-performing dryers and updated them with features that further enhance efficiency and ease of use. Select from six industrial sizes from 200–1,200 lbs. (90–544 kg.) at a time. CLM's powerful dryer control now includes three heat-cycle termination methods to help reduce dry times. Our dryer control can handle any standalone or automated application, as well as communicate with your current data-management system. CLM's unique door-to-basket design protects your products. Finally, the company's powerful new heating system provides superior fuel modulation for gas savings.



EDRO CORP.

☎ 860.828.0311

🌐 www.edrocorp.com

EDRO's versatile 110-lb. (50 kg) tumbler dryer is available in gas and steam-heated versions. This dryer fulfills the needs of every on-premise and commercial laundry facility. A precise combination of heat and airflow delivers fast and efficient drying to the user. Market-leading features include Industrial-strength compact drive & gearbox, oversized taper roller bearings, large-capacity oil reservoir, robust cast-iron housing and bronze gear. As well as less maintenance due to the absence of large pulleys or multiple belts. It also includes superior spider and basket assembly, along with exceptionally high CFM airflow. Lastly, the DMP Microprocessor Control Standard features include insulated front, side and rear panels, a large door opening for easy loading, and self-cleaning lint screen.



ELLIS CORP.

☎ 630.250.9222
 🌐 www.elliscorp.com

Best in Class Uptime control makes the Ellis Whisperdryer the most efficient and flexible in the market today. Operators are

able to dial in exact algorithmic formulas for optimal dry time/efficiency. Unique, No Dry formula lessens chance of over-dry and enhances safety between shifts. Complete Maintenance, schematics, PM management system and instructional videos which are all onboard, set Ellis apart from anything else on the market!



G.A. BRAUN INC.

☎ 315.475.3123
 🌐 www.gabraun.com

Braun manufactures several models of dryers including PT (Pass Thru) standard, PT chute load, PT Low NOx, Side-by-Side Chute Load and

Side-by-Side Non-Chute Load System Dryers. Braun PT Series dryers are available in processing capacities of 300 (136 kg.), 500 (226 kg.), and 700 lbs. (317 kg.) and Side-By-Side dryers are offered in 300 and 500 lbs. processing capacities.

All Braun dryer models have patented and patent-pending features. These dryers provide for great flexibility with respect to washroom configuration and there's no limit on the types of goods that can be processed. A few of the many key design features include precise basket chamber temperature control; fast dry times; consistent quality and outstanding resource efficiency; split panel control box (an exceptional safety feature which separates high voltage from low-voltage components—first in the industry to offer this). Also, staggered rib heights on a stainless-steel removable basket promote outstanding tumbling action; swing out faceplates which were designed for easy access to components to simplify maintenance; pneumatics—centralized and standardized components for ease of operation and maintenance. Lastly, Braun dryers include LED indicators for troubleshooting; efficient and simple-to-maintain lint collection systems and they have an exceptional return on investment/low cost of ownership.



GIRBAU INDUSTRIAL

☎ 800.256.1073
 🌐 www.gcilaundry.com

Girbau Industrial's (GI) robust dryers, in 120- to 300-lb. (54-136 kg.) capacities, unbind, condition and quickly and efficiently dry laundered goods with unmatched programming flexibility. ST-Series Dryers

ROYAL[®]
BASKET TRUCKS
 www.royal-basket.com
 800.426.6447



You Deserve the Cart that Works for YOU!

feature Spirotilt-Girbau technology, which optimizes drying and simplifies unloading. With dry times of 15 minutes or less, ST-Series Dryers are used either with the GI TBS-50 Continuous Batch Washer, or as stand-alone units with optional vacuum loading. GI's open-pocket GT-Series Dryers pair perfectly with GI soft-mount washers and deliver productive radial air-flow, Linen Life Extension moisture sensing, and an Integrated Sprinkler System for automatically extinguishing dryer fires. GI products are backed by industry-leading factory warranties.



JENSEN GROUP

☎ 850.271.5959
 🌐 www.jensengroup.com

JENSEN offers a full spectrum of dryers ranging from our JTD series with capacities of 45 to 250 lbs. (20-113 kg.), our DTX series in 450 and 800 lbs. (204-362 kg.) capacities, our DT series batch system dryers in 130 lbs. to 520 lbs. (59-235 kg.) capacities, our D5 series batch system dryer in 120 (54 kg.) and 240 lbs. (108 kg.) capacities, and finally, our WR series batch system dryers in 120-240 lbs. capacities. JENSEN's experience is quite vast with more than 3,700 dryers built. JENSEN dryers have features such as direct-drive technology, frequency-controlled basket speed, a modulating gas valve on the burner system, mirror image design, a high basket volume, extremely well insulated and sealed basket housing, and built-in lint collection, all depending on the series. The combination of heat generation, air conduction, basket geometry and insulation results in an optimal heat distribution in the basket and the best possible air flow through the linen, while maintaining low radiant heat and noise levels. All JENSEN dryers are maintenance friendly.

KANNEGIESSER ETECH

☎ 612.722.1366
 🌐 www.etechsystems.com



The Kannegiesser PowerDry II is the industry-leading batch dryer, which combines maximum performance, reliability, flexibility, and the highest level of efficiency available. Kannegiesser's revolutionary engineering design provides the most cost-effective method of drying all types of textiles, while using minimal energy consumption. The available models have a loading capacity ranging from 132-485 lbs. (60-219 kg.), allowing customers to have the ultimate production flexibility of a single or double batch system setup. While most other dryers perform an average of two loads per hour, the PowerDry II average three-plus loads per hour (most installations are much higher, depending on the product mix and machine options chosen). Standard features include: the advanced energy recirculation; linear atmospheric burner design; effective air flow; large volume baskets with removable panels and a frequency-controlled inverter drive

that adapts the cylinder rotation speed during the cycle for optimal air flow through the linen. A key available option, the ECO2Power system, utilizes the machine's PLC to automatically adjust parameters throughout the drying process. The adjustments are continuously monitored on each component and are used to determine the exact drying point without over or under drying the articles. The Kannegiesser PowerDry II has been proven in many applications and is quickly becoming a customer favorite due to the advanced technology features and the operational savings it provides.

LAVATEC LAUNDRY TECHNOLOGY INC.

☎ 203.632.8777
 🌐 www.lavatec.com



Lavatec's front-loading FL656 gas and steam dryer offers outstanding benefits. The large capacity, 460 lb. (208 kg.) machine is CSA (Canadian Standards Association) approved and produces terrific productivity results. Customers are achieving high efficiency and greater throughput with incredibly fast drying times. They also are experiencing lower energy consumption and costs. Featuring a compact design with a two-way tilted drum, you have the option of a front load and unload or a pass-through version. Infrared sensor controls ensure safe and smooth operation during automatic runs, with temperature settings that prevent scorching and garment over-drying. This machine is supported by Lavatec's impeccable service.

PELLERIN MILNOR CORP.

☎ 504.467.9591
 🌐 www.milnor.com



Milnor's industrial Pass-Through dryer line is available in six capacities ranging from 100-700 lbs. (45-317 kg.). These fully automated dryers are available in gas, including Low NOx, and steam, and are fixed tilt. They also feature the unique Energy Saver Seal™ to keep air flowing through the goods without escaping around the outside of the basket. Each Pass-Through Dryer also comes standard with a micro-processor that allows field programming of up to 200 drying formulas. Combining Milnor's superior design and classic quality, the Pass-Through Dryers can be used to streamline operations with CBW®/PBW™ tunnel washers and washer/extractor systems.

R.W. MARTIN CO.

☎ 330.673.8712
 🌐 www.rwmartin.com



An R.W. Martin pre-owned dryer provides the capacity and reliability of a new dryer at less than half the capital cost. Our technical team reconditions dryers to ensure productivity, efficiency and years of service.

We have experience in reconditioning dryers from every major manufacturer. The knowledge and expertise we've gained from more than 50 years in business enables us to provide industry-leading service and support. And, through our extensive industry network, we can source dryer parts from any OEM quickly and efficiently. From equipment to parts and service, R.W. Martin is your one-stop shop for quality, reconditioned dryers!



SEA-LION

☎ 860.316.5563

🌐 www.sealionamerica.com

Sea-lion offers pass through tumble dryers in 265 and 350-lb. (120-158 kg.) loading capacities that are fully integrated with the SDX tunnel washer system. Controlled by an industrial Ethernet, dryers can be programmed for up to 99 different programs. Air flow CFM can be set to adjust backpressure, as well as basket speed and rotation. Dryer efficiency is optimized by constant monitoring of the airflow backpressure, as well as dual-temperature readings of the air inlet and output to prevent over drying. Dryer jackets are fully insulated for maximum heat retention. With automatic loading and unloading doors, Sea-lion dryers

fit seamlessly into the shuttles and conveyors of the tunnel washer system via the SCADA control network.


VEGA SYSTEMS USA

☎ 855.834.2797

🌐 www.vegasystems-group.com



The VEGA SmartDry dryer line was designed with an emphasis on heavy-duty materials, high-performance design, and energy-saving heating systems and components. Available in a wide variety of sizes, our dryers are built with high-quality materials and the latest in technology, for long-lasting performance and machine life. Our gas or steam-heated dryers can be loaded via monorail, shuttle/conveyor systems, or integrated vacuum-loading stations. Unloading can be performed manually, up through full automation. Whether free-standing or automated system dryers are needed, the dryers are designed to be positioned side-by-side with no space between them, maximizing valuable production per square foot, and creating more space in your plant for other needs. **TS**

 **RYAN KIERNAN** is a freelance writer based in Alexandria, VA.



Softrol Rail System

Sortation and material handling rail systems are an integral part of the new 86,000 sq ft Crown Healthcare Laundry facility in Lakeland, Florida. Softrol provides an industrial strength solution with state-of-the-art technology.

Some Softrol rail highlights include our latest DRX embedded processor with touchscreens that display the rail layout, to scale, and include Pan and Zoom capability.

Our unique use of rail twistlers provides a very tight footprint. This design advantage helps to limit the space required for the entire material handling system, both horizontally and vertically. Rails may now cross without changing elevation and 90-degree turns may be utilized at the sortation load stations and elsewhere.

We congratulate Crown Healthcare Laundry on their new facility. It was a pleasure working with all involved and we are very happy to be part of such a successful project.

Learn More from our website at sofrol.com