



New machine designs conserve energy, space

Launderers concerned with maximizing productivity in their existing facilities—a group likely to grow in 2008—will see the value in **G.A. Braun's N2** series of open pocket washer/extractors. The **450 N2** and the latest **650 N2** are said to offer the largest processing capacity in the industry per allocation of floor space and smooth integration into a variety of plant layouts. The 650 N2, for example, will process 675 pounds in the same space as the industry's average 400-pound machine, the company says, and the 450 N2 fits in the same space as most 200-pound machines.

Braun open pocket washer/extractors evenly distribute wet goods against the cylinder, eliminating the need for counterbalances. This balance method results in consistent thickness of goods throughout the cylinder, delivering a uniformly extracted load free of wet clusters that can greatly hinder the efficiency of drying and finishing areas.

Using fewer and less complicated parts, the Syracuse,

N.Y. company's open pockets with single motor drive are hailed for offering the most in washer/extractor reliability and performance.

Efficiency in drying. Across all market segments, the new **700 Pass-Thru (PT)** dryer is attracting a significant amount of interest, Braun says. Engineered for high performance and productivity, it features a new, lightweight, easy-to-remove lint collection design with seven patents pending.

Through the use of design modeling tools like computational fluid dynamics, Braun has brought what's described as an extremely efficient dryer to market. The 700 PT has shown in field operations to consume between 1,600 and 1,650 BTUs per pound of water removed, reportedly 10 percent better than any other machine on the market. The company has leveraged these new design tools and technologies on its complete line of pass through and tunnel systems dryers.

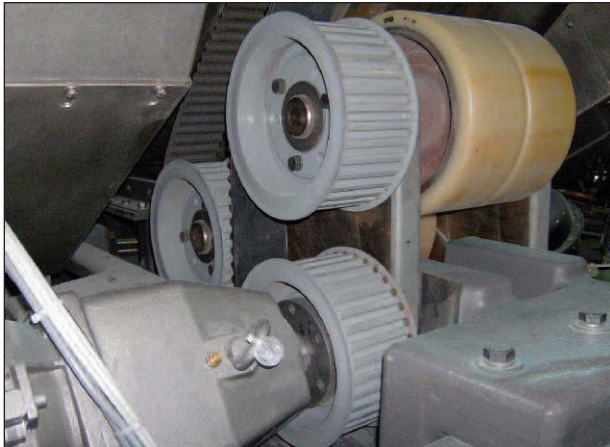


450 N2 Washer/Extractor

650 N2 Washer/Extractor



700 PT Dryer



New drive system for Braun tunnels avoids chains, belts, and sprockets.

Batch tunnel washing. Several **SmoothFlow** systems, featuring new 220-pound modules, are slated for 2008 installations. These feature a drive system engineered to be simple, rugged, and reliable. There are no chains or belts to stretch and break and no sprockets that wear.

Braun's one-piece, single-drum design, coupled with their bottom transfer process, allow for maximum use of the machine's processing capacity without the fear of roping or plugging. Fresh water continually flows in the opposite direction from the goods while dirty water drains. This keeps the items in a progressively cleaner solution during each process, whether they're in the pre-wash, wash, rinse, or neutralization zones.

A double drum isn't needed, which allows the design to stay true to the company's core design philosophy of keeping systems simple, extremely capable, and cost effective to operate. Savings are maximized through internal water and energy recovery systems that optimize the control of the processing sections within the tunnel.

Spreader/feeder. A strong year is anticipated for the new **Alpha 3-in-One** multipurpose unit. It can serve a

wide variety of linen feeding needs for hospitality, health-care, commercial linen supply, and industrial laundries.

Unique to this model, the vacuum deck enables it to operate as three machines in one, allowing operators to seamlessly transition the processing of linens to fit the mix of goods that exist in the finishing line, the company says. You need not dedicate specific lines to certain goods classifications, which minimizes your capital, utility, and labor costs.

Moving on into 2008 and beyond, the company will continue to make a significant investment in research and development, design simulation, and modeling tools. All such efforts are driven by Braun's core philosophy of building durable, dependable, efficient, and easy-to-operate and maintain processing solutions. All Braun equipment and software solutions are designed and proudly produced in the USA.



Spreader-feeder works without dedicating lines to individual goods classifications.



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