



NEW TECHNOLOGIES

ENABLE TO LABEL

When it comes to labeling machinery, adaptability is a virtue. So when **Custom Food Products Inc.** of Oswego, Ill., recently found itself in need of two labelers to perform different—but readily interchangeable—functions, it found its ultimate solution in form of the SM 1200 wraparound labelers supplied by the Toronto-based **SPS/Phin Limited**.

One of the machines put to work at Custom Foods is mostly a dedicated unit used for continuously labeling only one or two container diameters—though in many different heights and label designs—at relatively high speeds and with minimal line changeover.

The other, larger-capacity machine can handle the company's entire product range—from a 4-oz

cylindrical pot with a 6.5-inch wraparound label up to a 2.5-lb tub with a label nearly three times longer.

From the maintenance standpoint, all the spares and change parts are fully interchangeable between the two machines. Both rated at speeds of up to 450 containers per minute, the machines are designed and constructed to meet all of the **USDA HACCP** cleaning and sanitary standards.

Both machines use quick-setting, hot-melt adhesives to pick the wrap-around label and to secure the overlap. The machines' pressurized glue extrusion system is totally enclosed within the machine frame—for both safety and hygienic considerations—and each one is equipped with its own forced-air ventilation setup.

What makes these machines particularly unique is their capacity to apply the adhesives at two or more selected points around the container perimeter—thus ensuring that each applied label is supported in several places along the covered surface.

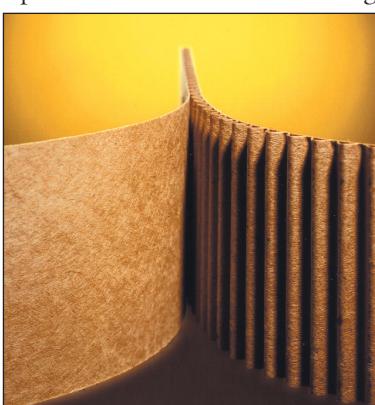
This is especially important for the smooth-plastic containers used at Custom Foods, which are typically kept in chilled storage after being filled. In these conditions, it is very easy for a label to come loose and get torn—unless it is securely attached at several points along the container.

SPS/Phin Limited

FOR MORE INFORMATION CIRCLE 310

THE STAR OF STARCHES

National Adhesives, a division of the **National Starch and Chemical Company**, has unveiled a new specialty starch for corrugating applications, formulating it specifically to suit the requirements of corrugated board producers wanting to manufacture high-quality product while keeping production costs in line. Called CORRALON, this new starch offers a combination of high-performance attributes of the high-



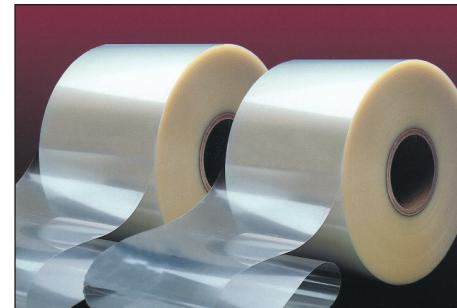
amylose hybrid starch and its low cost—compared to the conventional carriers such as corn starch and simple modified corn starch.

National Adhesives

FOR MORE INFORMATION CIRCLE 311

THE FULL FLEX

The new A-32RW permanent acrylic, pressure-sensitive adhesive from **FLEXcon Company, Inc.** is a high-performance material designed specifically to be reworkable on glass surfaces—making



it particularly well-suited for a broad range of food-and-beverage applications—by allowing for misapplied primary and secondary labels to be easily removed and relabeled. Formulated to ensure a 24-hour window in which it can be reworked, A-32RW offers superior resistance to haze when exposed to condensation, while its optimum wet-out characteristics offer superb clarity for improved label aesthetics—thus helping the customer to increase brand awareness and shelf presence. The A-32AW easily conforms to a variety of

container shapes—including straight, curved and recessed—and offers decent durability to withstand the rigors of filling and distribution.

FLEXcon Company, Inc.

FOR MORE INFORMATION CIRCLE 312

MISSION TO SATURN

The Saturn right-angle nozzles from **Nordson Corporation**—designed to deliver high performance in low-profile packaging applications where adhesive



cannot be dispensed at a 90-degree angle—have been redesigned to offer users a choice of single- and dual-orifice versions, in 15-degree and 30-degree styles. The new nozzles feature an all-brass assembly that improves heat transfer to the nozzle tip to ensure more consistent adhesive temperature at the point of application. A built-in clamping nut holds the nozzle securely in position throughout operation, even in demanding applications where nozzles may be bumped by errant packages or flaps. Without any internal O-rings to wear out, they can easily withstand most aggressive cleaning methods and solvents. Like all Saturn nozzles, they use color-coded rings for fast, accurate identification of the nozzle orifice and the angle of the nozzle tip, and they are designed to deliver precise adhesive and placement and bead width to ensure consistent patterns time after time.

Nordson Corporation

FOR MORE INFORMATION CIRCLE 313

YOUR BEST SHOT

The new ShotGun table-top, two-component adhesive dispensing system from **ConProTec Inc.** operates in two modes to provide convenient dispensing of either a timer-controlled single shot, or a continuous bead of adhesive with



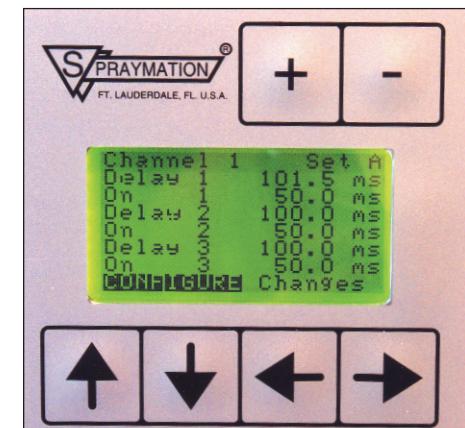
precisely timed shots. Featuring a swivel-gun mount, adjustable height, and adjustable angle rotation for maximum operator productivity, the ShotGun units are mounted on standard, high-density polyethylene worktables equipped with foot-pedal operation for maximum operator comfort.

ConProTec Inc.

FOR MORE INFORMATION CIRCLE 314

IN FULL CONTROL

The new Spraymation 3400 Series DC Pattern Controller—available from **Adhesive Application Systems Inc.**—is well-suited for use with both heated and nonheated electrostatic applicator heads, or solenoid valves. Designed to ensure precise, high-speed dispensing, the controller may be configured in either real time or on shaft-encoded basis—adjustable in 0.1-millisecond, 0.01-inch, or 0.1-millimeter increments. All the 3400 Series units feature four independent channels for com-



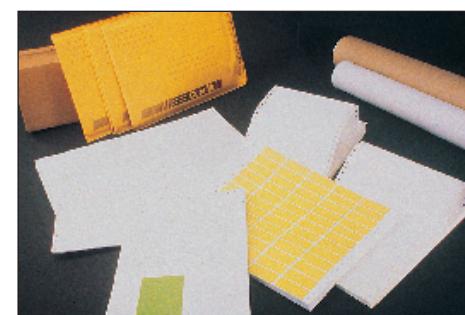
plex timing applications, with the display unit featuring an eight-line-by-18-character LCD of all settings to enable the storing of up to 26 different sets of programming data.

Adhesive Application Systems Inc.

FOR MORE INFORMATION CIRCLE 315

TAKING FULL STOCK

The new EDP2312 labelstock from **MACtac Printing Products** utilizes an uncoated, smudge-resistant paperstock with a high degree of whiteness, as well as good internal strength characteristics and print receptivity—making it especially well-suited for continuous-feed impact printing and laser printing for product ID applications. The stock utilizes the hot-melt, rubber-based permanent MP-721 adhesive that is especially formulated to ensure excellent tack and adhesion to a wide variety of surfaces,



including plastics, metals, ceramics, glass, painted or coated surfaces, cardboard and most corrugated surfaces.

MACtac Printing Products

FOR MORE INFORMATION CIRCLE 316