GN Packaging Machinery Booth #9843

GN Packaging of Canada — a global leader for over 30 years in the design and manufacturing of pouch machinery — and Mide Pak of China are pleased to announce the formation of a new company called GN Packaging Technology. The new company will allow their combined manufacturing and engineering capabilities to focus on new and specific areas of the pouch machine marketplace.

The partnership will permit a proactive exchange of technical expertise in addressing the ever-increasing demands of the bag-in-box industry and provide a face-lift for all other popular GN designs. It is expected that in addition to the increased international presence, GN and Mide Pak will be better prepared to service the needs of both their multi-national and regional customers.

Currently in progress, the assembly process of the bag-in-box machine can be viewed at PACK EXPO 2018 Booth #E-9843.

Power, Friction and Performance — All in One!

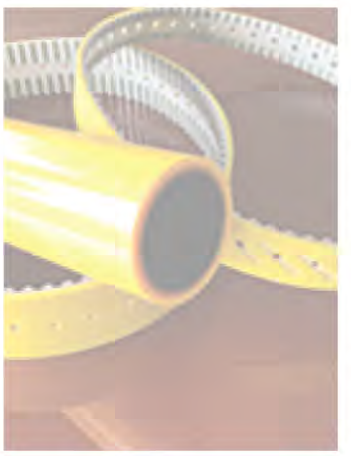
Article Courtesy of Megadyne Americas

Megadyne, a leader in the manufacture of molded urethane timing belts, offers Megapower2 dual durometer belts for product handling applications where positional accuracy and secure handling is essential to uptime efficiency.

As automation continues to expand in this business segment where speed, flexibility, timing and positioning is essential for smooth packaging operations, OEMs must incorporate high performance belt materials to maintain needed uptime for America's growing demand for services like online shopping.

Megapower2 belts molded with urethane and reinforced with steel or stainless steel cords are available in imperial, Metric T and Metric AT pitches. Additionally, Megapower is now available in dual durometer urethane with backside shore hardness ranging from 10A to 90A.

The Megapower standard base product is molded in 88 ShA thermoset urethane. Our urethane molding process yields perfectly shaped teeth that deliver precise mechanical belt to pulley interface which is important for the growing number of integrated operations where pick and place systems are used. Our standard belt reinforcement is made with helically wound zinked steel cords. Alternative reinforcement designs include stainless steel, high-performance steel, high-flex steel and high-performance flexible steel cords. Additional benefits of our base molded thermoset belt include low-installed tension, clean-running performance, low noise and excellent resistance to oils and most chemicals.



Our Dual Durometer Casting process enables us to add a backings in ShA hardness from 10A to 90A, making this belt perfect for applications throughout the packaging industry where various friction requirements are needed for griping and feeding applications to box forming, case packing, labeling and box closing. Modifications to the cover surface, such as holes, pockets, slots and diagonal sipes can be added.

For more information, be sure to stop by Booth #N-6040.

Colordyne Technologies' 1600 Series C Delivers Fast Speeds and Cost Savings

Today's label and packaging market is driving businesses to find more ways to connect with consumers' needs and lifestyle choices. That means that label printers can offer more varieties and versions of products and their respective packaging. This customization leads businesses and label converters to increase their short-run label and packaging production. Traditional print methods are not always a cost-effective way for businesses to produce small-batch labels because the cost of plates and set-up times often outweigh the benefits of producing personalized labels and packaging.

With the Colordyne 1600 Series C digital print solution, bringing high-quality label and package printing in-house has never been easier. This on-demand benchtop solution can produce four color process (CMYK) inkjet labels, tickets and tags at speeds up to 60 feet per minute (9 meters per minute) at a print resolution up to 1600-by-1600-dpi.

The 1600 Series C's high print speeds and on-demand capabilities allow brand owners, private label manufacturers and label converters to improve design flexibility and run their label production more efficiently with the added ability to execute just-in-time jobs. Managing a large number of SKUs with frequent regulation changes while keeping up with the latest packaging trends is easier and more affordable by eliminating minimum order quantities. The 1600 Series C allows businesses to print only what they need, when they need it, all while making design changes on-the-fly — without penalty.

Plus, on-demand digital printing reduces wasted and obsolete inventory. Carrying a large quantity of pre-printed label inventory requires a large investment up-front and adequate storage space to maintain them. By printing digital labels on-demand, companies no longer need to throw away rolls of unused inventory due to design or regulation changes. This also means they never have to worry about running out of labels and waiting weeks to fill an order.

The 1600 Series C creates high-quality digital inkjet labels on-demand, providing businesses more opportunities to address personalization in packaging and leverage just-in-time printing.

We're Closing the Loop with Recyclable and Efficient Packaging

By Steve Harris, Sales Director, Inteplast Group

The durability of corrugated plastics products is a key benefit of Inteplast's innovative packaging products in the Coroplast® and IntePro lines. Through wear and tear, our reusable products maintain top-notch performance in wet and humid environments. It allows our customers to offer recyclability to their clients as well as supports companies' desire to integrate lean manufacturing and sustainability into protocol across operations.

For example, suppliers of automobile parts trust Inteplast's Coroplast® products to package and ship components to assembly plants, often for the multiple year life of the car model. This eliminates considerable expendable packaging, such as corrugated paper boxes, which would otherwise be used once and then discarded.

Corrugated plastic is ideal for wet applications (produce packaging, for instance) as it is impervious to water. Typically corrugated paper is produced with a wax coating or the boxes are dipped in wax in order to withstand the water and ice used to keep the packaged product cool during shipping. Once a waxed corrugated paper box is used, it cannot be recycled, so it winds up in a landfill.

When your company has determined that our packaging has maximized its efficiency, the material is easily recyclable. Our boxes can be collected, ground, reprocessed and used to manufacture other products, including new corrugated plastic boxes. We make it a priority to play our part in closing the loop to support a circular economy within our industry and the markets we serve.

Finally, producing corrugated plastic boxes do not require expensive molds. We and our customers typically produce our products on conventional corrugated box production equipment. Also, unique box designs can be made far more quickly than the time required to produce an injection molded product.

During the PACK EXPO International Show our Booth #E-6926 in the Reusable Packaging Pavilion will showcase tote boxes, standard corrugated box designs or RSCs (regular slotted carton) and autolock bottom boxes (ALBs), uniquely produced in Lolita, Texas. The bottom of these boxes, when opened, the bottom automatically assembles for easy loading. Our large bulk box, a Titan

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ATS ENGINEERING INC.
(continued from page 8)

main designs — custom-made rotary and in-line filling machines — for products such as cottage cheese, sour cream, yogurt, ricotta, ice cream, margarine, juice, sauces, dips, etc.

ATS considers itself as "a premiere source for packaging machinery for the food and dairy industries." Easily adapted for single and multiple filling operations, ATS equipment meets or exceeds dairy standards such as USDA, FDA and 3-A. The equipment is rigorously checked at installation, so the highest output is always guaranteed.

ATS Engineering Inc. has assembled a team of packaging consultants who achieve client satisfaction with professional service from design inception to the final touches. Subryan explains that ATS will continue to deliver "the most advanced equipment for the most competitive needs in this changing market."

For more information, be sure to stop by PACK EXPO 2018 Booth #N-5430, call toll-free 800-263-2871 or visit www.atseng.ca.

SHRED-TECH
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years," Roberto says. That experience, when paired with a strong quality control process, results in reliable, long-lasting shredding machines.

Shred-Tech® is also the exclusive dealer of German-made HAAS primary shredders in North America. The HAAS TYRON Series Shredders feature independently driven shafts, radio remote control and a hydraulic system that can shred as much as 100 tons per hour, depending on the material. Construction and demolition wastes are a popular application for these HAAS shredders. The equipment can be configured for stationary, trailer or track-mounted use.

But what Roberto believes will be the true driving force behind its future is its people. "To be a top-notch company and to deliver excellent products and services to your customers, starts with having the right culture in our company, having the right people and treating those people well and fairly," he explains. "And that is what Shred-Tech® has done."

For more information, please contact Sean Richter, Sales Manager, Shred-Tech Corp. Via email at srichter@shred-tech.com, visit www.shred-tech.com or call 800-465-3214 or 519-621-3560. Be sure to stop by PACK EXPO 2018 Booth #E-10016.

INTEPLAST GROUP
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sleeve with a molded plastic pallet and cap, will also be available.

While Inteplast is North America's leading manufacturer of corrugated plastics, we also pride ourselves on continuously learning how we can improve and offer our customers' quality sustainable packaging. This approach includes reuse and recycle practices that are cost-efficient and representative of the innovation we deliver to our customers and their affiliated markets and communities.

We welcome you to learn more about reusable plastic packaging at our Booth #E-6926 in the Reusable Packaging Pavilion at PACK EXPO. For more information on Inteplast and our subsidiaries, please visit us at www.inteplast.com or www.coroplast.com.

PAKET CORPORATION
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poration helps its customers?

A: From startup to establish brands Paket's service offering allow us to service customers through every step of the packaging process. Our seasoned team is experienced in handling any and all challenges that might arise. We help establish a workflow, provide expertise regarding flexible packaging, production updates and high-quality standards. Paket will work with almost every product, which showcases Paket's competencies across a wide array of markets.

Please come find us at Booth #E-7018!

BERRY GLOBAL GROUP, INC.
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areas that experience ever-increasing scrutiny from end-users. One of our growing challenges is creating ecommerce-ready materials; fortifying the way they are shipped so they can reach the end-user undamaged.

Q: How can our readers find out more about your business?

A: Please visit our team at Pack Expo Booth #N-4712, or email connect@berryglobal.com

About Berry

Berry Global Group, Inc. (NYSE:BERY), headquartered in Evansville, Indiana, is committed to its mission of 'Always Advancing to Protect What's Important,' and proudly partners with its customers to provide them with value-added protective solutions. The company is a leading global supplier of a broad range of innovative nonwoven, flexible, and rigid products used every day within consumer and industrial end markets. Berry, a Fortune 500 company, generated $7.1 billion of sales in fiscal 2017. For additional information, visit Berry's website at www.berryglobal.com.

JBT-AVURE TECHNOLOGIES
(continued from page 8)

Avure created the first commercial high-pressure processing system more than 60 years ago," said Lisa Pitzer, marketing director at Avure. "We'll be at Pack Expo in Las Vegas in September, Booth #S-7244, ready to show everyone how these new Avure machines can help deliver HPP in the most efficient, cost-effective way possible."

About Avure Technologies, Now Part of the JBT family

Avure enables producers to implement HPP with the fastest, most productive and reliable equipment. From installation and maintenance of equipment systems to recipe and package development, Avure helps producers increase food safety and extend shelf life while providing consumers with nutritious, natural, flavorful food. Avure's HPP equipment and services includes manufacturing, engineering, procurement, parts and customer services operations based in Middletown, Ohio; global headquarters and customer HPP application and technology center in Erlanger, Kentucky; a parts distribution center near Amsterdam, Netherlands; and a global network of Avure HPP Laboratories and independently operated tollers and service providers.

Avure's equipment is used to treat the majority of all HPP-protected food around the world. More information is available at www.avure-hpp-foods.com, by calling 614-255-6633 or visiting Booth #N-4725. Also be sure to follow Avure on Twitter @AvureHPP.

EFP COLD CHAIN CENTER OF EXCELLENCE
(continued from page 16)

in external conditions. Materials like EPS, polyurethane and vacuum-insulated panels can be paired with different types of phase change materials (PCMs) to achieve the desired results. Pre-qualified systems that exceed your transit time may be composed of similar materials or may contain more PCMs, which can affect price and the size and weight of your packaging. Many 3PLs use overnight carriers to ensure your products arrive in a timely manner. The accuracy of these services is extremely high, but weather, lost or stolen packages, and human error can disrupt this process occasionally. When evaluating your risk, it is important to compare expected transit times and how long your packaging is qualified for. One example: If you select a 24-hour, 2 to 8 C, pre-qualified box, be sure to review the test data that exceeds 24 hours. Most pre-qualified systems should have a buffer built in to the qualification. This ensures 'worst-case' scenarios can be addressed in your risk management plan and proactive measures can be implemented as a part of that plan.

Finally, the million dollar question: What's it going to cost? One reason pre-qualified options are an extremely popular choice is because they are ready to go 'off the shelf.' Thermal packaging development and testing can be time consuming and costly. Pre-qualified systems have been through the trial and error stages and should have a pedigree of minimum and maximum payloads tested against hot and cold profiles. Transit time, shipper material and amount/type of PCMs all affect final price. Many people shy away from overnight shipments because of the associated cost of this service. Companies that ship large volumes of overnight packages typically see price breaks. The cost of additional PCMs and high-end insulation material needed to extend transit time out to 48, 72 and even 120 hours often times end up costing more than a smaller, overnight shipment. Pre-qualified shipping solutions can be an excellent alternative to custom cold chain packaging, but make sure you consider the items above when choosing the temperature sensitive solution that's right for you.

VOLUMETRIC TECHNOLOGIES
(continued from page 48)

- Engineered for accuracy.
- Built for reliability and speed.
- Designed for ease of use.

All of our equipment is made in America. We customize our standard equipment to your specifications. With 24 years of experience, we have encountered and designed around any challenges in the filling and packaging process. Some of these options include hopper level controls, jacketed and agitated hoppers, diving dispensing racks, linear traveling carriages and many more. All of our equipment is constructed from 316L stainless steel and USDA/FDA approved materials.

Volumetric Technologies also designs and manufactures auxiliary packaging equipment to go with our world-class filling equipment. This equipment includes cup filling, sealing, lidding machines, custom and standard conveyors, and transfer pumps. Volumetric Technologies designs and manufactures high quality standard and custom dispensing nozzles. With over 100 different dispensing nozzle options, we will find the best fit for your application!

Volumetric Technologies is located in Cannon Falls, Minnesota where it designs and manufactures the highest quality food packaging equipment in the industry. Precision made and built to last, our equipment combines innovative features with the option of customization for a perfect fit every time. Volumetric Technologies: experienced, agile and leading the way in packaging equipment production. To learn more, visit us at Booth #E-7805 in the Upper Lakeside Center, email sales@volumetrictechnologies.com, call 507-263-0034 or go to www.volumetrictechnologies.com.