

Welcome to *Beverage Industry's* Annual Manual eBook!

As a go-to source for the North American beverage market, *Beverage Industry's* Annual Manual is helping to connect manufacturers in the market with the suppliers and services that you need to support all aspects of beverage development, packaging, distribution and more.

Through our eBook version, *Beverage Industry* is supporting our growing conversion to digital information sharing. Although some formatting has changed, you can rest assured that the information is reliable and designed to help today's beverage-makers with their day-to-day and long-term investment plans.

To help guide you through these supplier contacts, we have segmented the listing among eight sections:

- Contract Packaging
- Ingredients
- Instrumentation, Computers & Controls
- Packaging Materials & Containers
- Processing & Packaging Equipment
- Services, Supplies & Merchandising
- Warehouse/Distribution
- Vending & Dispensing

You also can search the same categories online at www.bevindustry.com/manual.

This comprehensive resource will help to serve your company as you navigate today's evolving beverage market.

I also want to thank all of our partners who help connect suppliers to the end users with the latest innovations and technologies that are driving the beverage industry.



By Steven Pintarelli Publisher, Beverage Industry

CONTRACT PACKAGING



INGREDIENTS









PROCESSING & PACKAGING EQUIPMENT



WAREHOUSE/DISTRIBUTION





INSTRUMENTATION, COMPUTERS & CONTROLS



PACKAGING MATERIALS & CONTAINERS

SERVICES, SUPPLIES & MERCHANDISING

VENDING & DISPENSING



Assisting beverage-makers with their manufacturing and packaging needs, contract packers are meeting the shifting needs of the beverage marketplace. These service providers can supply hot-fill and cold-fill capacity as well as aseptic, tunnel and nitrogen processing capabilities to aid in the production of branded and private-label traditional beverages — such as carbonated soft drinks, fruit beverages and bottled waters — as well as new age entries, including ready-to-drink, energy drinks and shots, and kombucha. Contract packers also are supplying the beverage alcohol space with solutions in the assistance of beer, spirits/wine, ready-to-drink cocktails, cocktail mixers and more. Beverage manufacturers also can seek out contract packers that deliver on the certifications that are driving new product development, including gluten free, kosher, non-GMO, SQF, USDA organic, HACCP and more. Additionally, beverage-makers can find out what labeling and capping capabilities are offered by contract packers. Today's contract packers are expanding beyond cut and stack and roll-fed labels to also include shrink sleeve, pressure sensitive, stretch wrap-around and more. In terms of capping, beverage manufacturers can seek out contract packers that supply a variety of capabilities including plastic, crown, cork, foil, tamper evident, heat seal and more.

CONTRACT PACKAGING



Brooklyn Bottling is a family owned beverage manufacturer and distributor that has been operating in the historic Hudson Valley since 1946. We specialize in co-packing products such as juice cocktails, teas, seltzers, sports drinks, energy drinks, maltas, flavored waters and soft drinks. The facility is approximately 240,000 sq. ft. located on 15 acres. Brooklyn Bottling has expanded its operations to become a leading manufacturer of juice and specialty beverages on the East Coast. Our products serve the growing demand of healthy drinks and specialty focused beverages.

For nearly three decades, Brooklyn Bottling has had the franchise rights to produce the leading beverage/soda brands from South/Central America and the Caribbean.

To better service our customers, Brooklyn Bottling invested in the expansion of its finished goods warehouse located in Marlborough, NY, adding about 53,000 sq. ft., completed in 2020.



We Can Handle All Of Your Co-Pack Needs!

4 PRODUCTION LINES:

- (Carbonated) Glass 20 oz..
 - (Carbonated) Glass 20 oz., 1 Liter and 2 Liter PET
- HOT FILL PET LINE
 16 oz., 20 oz., 24 oz. and 64 oz.
 Shrink sleeve labeling
- © GLASS LINE
 COLD FILL: 12 oz.
 HOT FILL: 14 oz., 16 oz. and 20 oz.
 Shrink sleeve labeling
- CAN LINE
 COLD FILL: 12 oz., and 16 oz.
 HOT FILL: 12 oz., and 16 oz.

Tunnel Pasteurization for glass and can products

Custom PET bottles for volume customers







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For a complete list of suppliers within contract packaging, please <u>click here</u>.



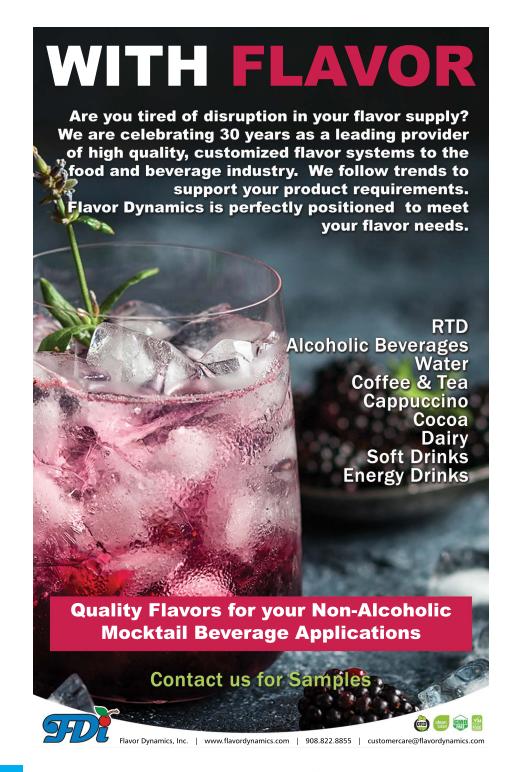
Beverage-makers are turning to ingredient suppliers to deliver on a variety of needs states. Fortification is driving the need for a diverse group of ingredients that support flavor, functionality and much more. Sweetener solutions of today are addressing full-calorie, reduced-calories and zero-calorie beverages through both artificial and natural sweeteners. Flavor trends are showing a demand for historic staples such as orange, cherry, chocolate and vanilla as well as the emergence of exotic profiles like dragon fruit, pomegranate, coconut, mangosteen and much more. Suppliers also are combining domestic and exotic profiles to offer introductions in new flavor development, including blueberry acai, acerola and apple, mango and peach, and much more. For today's functionality, ingredient suppliers are developing a range of solutions that support pressing consumer trends such as weight management, cognitive health, immune support, digestive health, performance and energy, and much more. To support the functional beverage trends, ingredient suppliers are crafting portfolios with proteins (both animal and plant based), fiber, probiotics, I-theanine, guarana, guayusa, zinc and much more. As clean label becomes a bigger part of the conversation, ingredient suppliers are releasing solutions that meet the certifications that consumers are becoming accustomed to including USDA organic, non-GMO, SQF, GRAS, NSF, Fair Trade, gluten free, kosher, halal and much more. Given the proliferation of fortification with function-based ingredients as well as alternative sweetener solutions, masking capabilities also are fueling innovation in the ingredient space.



Flavor Dynamics is guided by a commitment to creating innovative products with personalized customer support. Our R&D and production facility is located in South Plainfield, NJ. With over 30 years in the food and beverage industry our commitment to food safety and quality assurance is reflected by our "AA" BRC grade.

FDI is continuously rethinking the way that flavor creation can be applied to new scientific concepts, approaches and technologies. From working with you on your initial flavor applications to making sure that every order is of consistent reliable quality, our experienced team is up to any challenge. Our technical and marketing teams work together to educate our customers on exciting new flavors and evolving trends. If you need Organic, Non GMO and clean label options, we can support you.

So, choose the team at Flavor Dynamics to be your partner in bringing the highest quality product to the marketplace.





Food Ingredient Solutions

Food Ingredient Solutions, LLC. offers a complete line of dyes and pigments, with particular expertise in natural and organic colors Many of our colors are kosher and halal. Our two U.S. plants are BRC AA rated. In addition to providing application guidance and custom color formulation / matching, we support customer projects with accelerated heat and light stability testing.



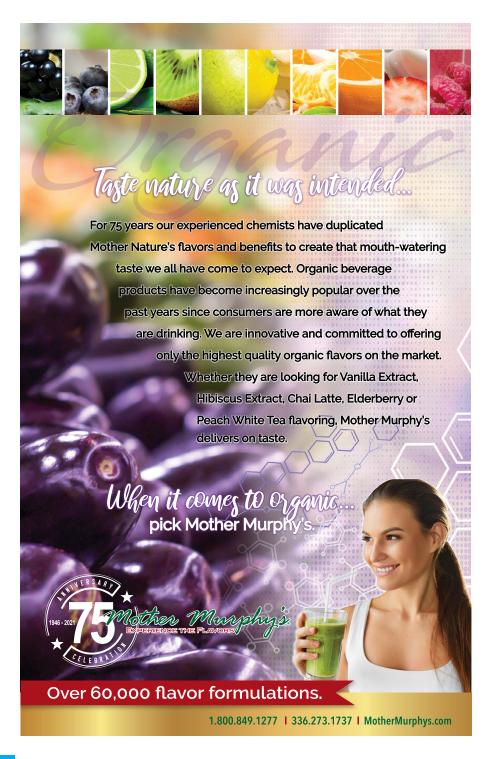


MOTHER MURPHY'S FLAVORS

We are celebrating our 75th year as a flavor and extract company, with over 60,000 flavors in our library. We continue to maintain the highest quality standards in the flavor industry and innovation is part of the history and tradition of Mother Murphy's Flavors. Our chemists spend years learning about flavor qualities that go beyond taste and aroma. They know when to recommend powered flavoring or flavor extracts. They understand the science of cooking and the realities of shelf-life, as well as how to blend complex flavor systems to bring your application to the forefront of consumer demand.

The rising interest in health and wellness has people demanding products with enhanced nutritional profile. However, these additions can create off flavors. Mother Murphy's Bittermask is the most effective natural masking agent on the market.

Contact us to learn more at 800-849-1277 or at www.mothermurphys.com.



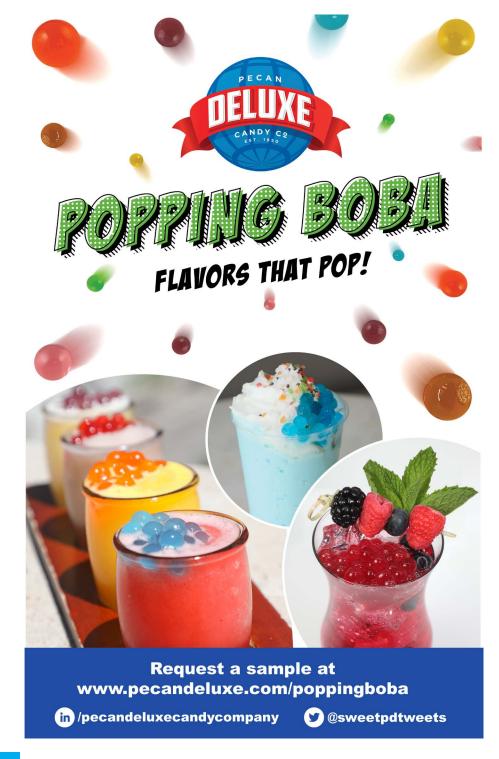


Consumers are craving a fresh new aesthetic, something exciting, providing an experience while snacking and dining. While flavor is always paramount there is increased interest in colorful, "Instagram-able", fun foods and drinks that are memorable and keep them coming back for more.

Pecan Deluxe Candy Company is thrilled to announce our new popping boba! "The addition to our current capabilities positions us to be the first fully-operational manufacturer of popping boba in the United States, which we are very excited about," says Jay Brigham, President and CEO.

What are popping boba? Tiny, juice filled spheres, encapsulated in an edible shell that burst with flavor. These groundbreaking inclusions are featured in nearly every yogurt chain and bubble tea shop and have recently found their way into a variety of desserts and beverages though not limited to sweets and beverages. Traditionally available in a range of fruit flavors, Pecan Deluxe Candy Company has expanded flavor offerings and will continue innovation to further develop this new platform.

Add them to a smoothie, slushy or milkshake, a bowl, a salad, or dessert, the applications are endless, just let the creative juices flow or in this case...POP! Request a sample today by completing the form at www.pecandeluxe.com/poppingboba.





For a complete list of suppliers within ingredients, please <u>click here</u>.



Suppliers in instrumentation and control engineering are helping beverage manufacturers with the measurement and control of processing variables, including pressure, temperature, humidity, flow, pH, force and speed. Through a range of equipment, these suppliers offer the tools that are necessary for beverage development such as testing, inspection, carbonation control, as well as quality assurance for high-quality containers including glass, plastic and aluminum. To ensure product safety, these programs are providing in-line inspection of varying liquid products across differing packaging sizes. These solutions provide beverage manufacturers with the peace of mind that they are delivering quality products while also boosting productivity and profits. For diverse warehousing needs, these control engineer providers are able to support budgeting, engineering, design, analysis, manufacturing, installation and much more. These leading technology suppliers are helping brewers, distributors, wineries, carbonated soft drink bottlers and more. In terms of distribution, this technology can improve delivery, sales and day-to-day operations. Through control engineering platforms, beverage manufacturers are able to maximize productivity, optimization, stability, reliability, safety and continuity.

THE HIGHEST QUALITY CO2 AND AIR TESTING INSTRUMENTATION



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INSTRUMENTATION, COMPUTERS & CONTROLS



ZAHM & NAGEL, a world leader for over 100 years in the engineering, manufacture and service of quality control, testing and carbonation equipment for the brewing and beverage industries. Setting the industry standard for quality, Zahm & Nagel offers a wide range of state-of-theart, handcrafted and 100% American made products that are easy to use, versatile and effective in harsh environments with the highest percentage of accuracy possible for quality control in every area of brewing and beverage production.

Offering the 9000-R Pilot plant designed for accurate and repeatable performance in laboratory testing that will carbonate, filter and bottle in small batches for almost any type of beverage. Zahm & Nagel also offers the pneumatic 8000-P Gauge Tester with extreme accuracy for calibrating pressure gauges that experience frequent agitation, the 10,000 series of CO_2 Purity Testers that provides quality control for determining CO_2 purity from 50% to 100%, the Zahm SS-60 Volume Meter that determines CO_2 gas levels in tank-stored beverages, and the 5,000 series Air Testers that tests the air content of bottles and cans.

The Zahm & Nagel 16,000 series of Ceramic Carbonating Stones has been the industry standard for providing excellence in performance and uniform carbonation. In keeping with our commitment to serve our customer's needs, Zahm & Nagel has also developed the 19,000 series of Stainless Steel Carbonating Stones designed to meet the requirements of small and medium size breweries, as well as a



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smaller diameter stainless steel stone for microbreweries.

For more information on our entire product line visit us at www.zahmnagel.com



For a complete list of suppliers within instrumentation, computers and controls, please <u>click here</u>.





For a complete list of suppliers within packaging materials & containers, please <u>click here</u>.

- [hm]

To support quality beverage packaging, suppliers are developing containers, labels, secondary packaging, caps and closures, and much more that protect and market branded and private-label products. Through a variety of material sources — plastic, glass, aluminum, paper-based cartons, pouches and more — the primary packaging materials have undergone innovations that ensure these resources not only support product integrity but are delivering on deeper sustainable packaging innovations. In terms of plastic resins, beverage manufacturers can expand beyond PET to varying solutions such as high-density polyethylene (HPDE) or recycled PET materials. Much like primary packaging, labeling materials also are adjusting to a changing landscape. Expanding beyond cut and stack and roll-fed labels, labeling materials for beverage packaging also include shrink sleeve, pressure sensitive, stretch wrap-around and more. These solutions are designed to support sustainable as well as marketing initiatives for beverage manufacturers. Suppliers in the caps and closure space are expanding beyond traditional PET cap solutions to include post-consumer resin closures, tethered caps and much more. For luxury products, materials sources such as wood, glass, zamak, porcelain, stone, crystal, aluminum and cork also are providing options to beverage manufacturers. Secondary packaging suppliers also are developing solutions that support today's beverage packaging with shrink-wrap, paperboard, corrugated packaging and much more. These solutions are helping beverage producers support the safe transport of products as well as elevate sustainability and premiumization principles. For multipack bottle carriers, suppliers offer HDPE and LDPE plastic can and bottle carriers that support omnichannel shopping from convenience stores to club stores.



Original equipment manufacturers (OEMs) are developing systems that support today's automated beverage facility. To support beverage-makers' diverse portfolios, processing equipment suppliers are developing superior blending and mixing systems. Additionally, nutrition trends and efficacy concerns have given rise to the use of high-pressure processing (HPP) systems, which are available for processing filled package and in-bulk liquid systems. Processing equipment also continues to upgrade safety and hygienic practices to protect product integrity. OEMs also are developing conveyor and other support systems that allow beverage warehouses to support not just traditional layouts but also more vertical solutions. Packaging OEMs also continue to support the diverse needs of the beverage market. As sustainability initiatives impact primary and secondary packaging, packaging systems have become more dynamic. Case packers and wrappers are designed to support a more flexible packaging environment. Automation trends also are resulting in palletizer and depalletizer innovations helping to streamline beverage storage and retrieval methods. Adoption of these more automated operations has resulted in a more integrated supply chain, furthering the need for dynamic processing and packaging equipment.

PROCESSING & PACKAGING EQUIPMENT

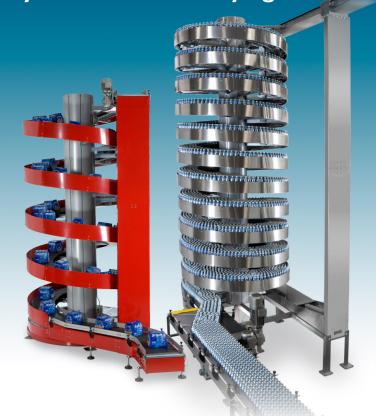


The Ryson Case Spiral is a high-speed reliable method to vertically transport packaged products up or down in a continuous flow. It is an ideal way to transport cartons or cases to either the warehousing, shipping or palletizing areas. All Ryson Spiral Conveyors are based on our proprietary modular design, offering many features and benefits. Ryson Spiral Conveyors need less floor space than conventional conveyors and are also faster and more reliable than any elevator or lift. Central to our design is the proprietary slat-type belts with rolling friction and without any sliding movements or wear-strips.

Maintenance and down-time are minimized with these reliable machines. Between their efficiency and space savings contribute greatly to reducing your total cost of ownership and helps the bottom line in such a competitive market.

Ryson is the number one manufacturer of Spiral Conveyors in the USA. Find more information at Ryson.com.

Ryson Vertical Conveying Solutions



Ryson has the Right Vertical Conveying Solutions for the Beverage Industry.

Whether you are handling cases, trays and packs or bottles and cans in mass or a single file we can help. Ryson Spirals need less floor space than conventional conveyors and are faster and more reliable than any elevator or lift.

Quality and service come first at Ryson. We are the number one spiral manufacturer in the USA. For application assistance or more information, give us a call or visit **www.ryson.com**



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VERTICAL CONVEYING SOLUTIONS



For a complete list of suppliers within processing & packaging equipment, please <u>click here</u>.





To support the diverse needs of beverage operations, manufacturers are turning to a collection of experts across the services, supplies and merchandising industries. These support industries include consulting services, financial institutions, computer programing, point-of-sales suppliers, laboratory testing services, package design support, racking suppliers, refrigeration merchandisers, technical services, used and refurbished equipment sellers, architectural and engineering services, and much more. Architectural and engineering services are helping beverage wholesalers develop new facilities and expand existing ones that support the evolving needs of beverage distribution. Meanwhile, merchandising suppliers are creating support tools for traditional merchandising needs as well as the growing demand for fresh refrigerated beverage offerings. Additionally, with many entrepreneurs entering the beverage market every year, auction and refurbished equipment operators are helping new entrants support their growing operations at a variety of price points. Consultants and consumer product research industries also are providing new and established beverage manufacturers with the information that they need to develop products that address the most valuable consumer trends.

For a complete list of suppliers within services, supplies & merchandising, please <u>click here</u>.



Whether it's sustainability, eCommerce or other macro trends, beverage shipping and delivery continues to evolve. Suppliers are supporting systems with logistics, route accounting software, route and scheduling distribution software and more, which have digitized shipping and delivery. Suppliers are offering comprehensive ERP system that support operational efficiency goals. Inside the warehouse, original equipment manufacturers (OEMs) are advancing the necessary equipment for warehouses like forklifts, carts and hand trucks. In addition to diesel and gas powered vehicles, forklift manufacturers have invested research and development efforts to advance electric offerings. Meanwhile, carts and hand trucks support route distribution by keeping ergonomics in mind. OEMs of fleet vehicles are innovating truck bodies, chassis, interiors and more to support sustainable truck initiatives as well as ergonomic designs for today's truck drivers. OEMs also continue to work with beverage operations in terms of financing — whether for purchasing of vehicles or fleet leasing.

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WAREHOUSE/DISTRIBUTION



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Our talented team of consultants, engineers, controls and software experts, and project managers will work with you from conception through final commissioning. They'll design and deliver a material handling solution that will transcend your strategic, operational, and financial goals. DMW&H's dedicated process is organized to identify present and future issues with existing facilities, then execute all stages of the



solution from the ground up. DMW&H adapts our products and solutions to improve your current operations and improve your distribution center's future positioning. We design scalable and adjustable material handling systems that make changes for today and set you up for success tomorrow.



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WAREHOUSE/DISTRIBUTION



Doosan Industrial Vehicle America Corporation (DIVAC) is a material handling equipment manufacturer headquartered in a 200,000 square foot facility in Buford, Georgia, which is home to its own Sales, Service, Marketing, Parts, and Warehousing departments. The company also houses a state-of-the-art parts operation, supplying over 30,000-line items to support its network of 100 dealers and 200 dealer locations in the U.S., Canada, and Puerto Rico.

Our active engagement in key industry organizations is critical in ensuring the highest safety standards and practices are developed and observed by manufacturers to protect operators and the public. DIVAC is fully committed to excellence in engineering, education, and supply chain solutions.

Our values are the touchstone for how we do business:

- **1** Provide exemplary customer service before and beyond the sale Our customers are paramount
- **2** Be fast, flexible, and easy to do business with Transparency and reliability underscore all we do
- **3** Hit the mark the first time Provide equipment and support that add value



Before the sale and beyond, DIVAC is a True Partner to our dealers and our customers.

Power Up With Doosan – Our Warehouse Product line-up is charged and ready to roll!

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For a complete list of suppliers within warehouse & distribution, please <u>click here</u>.



To support foodservice and on-premise operations, suppliers, through the dispensing market, are protecting beverage product integrity and quality through dispensers, dispensing accessories, dispensing equipment, flexible tubing, pumps and bag-in-box dispensers. Today's beverage dispensers include carbonated and nitrogen dosing solutions as consumer demands have prompted interest in this format. Filtration systems for dispensing systems employ a range of methods as well, including reverse osmosis, ion exchange and activated carbon. In the vending market, suppliers deliver a full line of machines and equipment that can support the diverse categories throughout the beverage market, including carbonated soft drinks, energy drinks, juices, sports drinks and more. Modern vending machines also continue to employ new forms of payment including credit card smartwallets as this channel looks to find modern ways to engage with consumers.

For a complete list of suppliers within vending & dispensing, please <u>click here</u>.





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