

ABA Packaging Corp.

Founded in 1984, ABA Packaging Corp. continues to be the go-to source for stock and custom packaging products for the cosmetic, fragrance, personal care, spa, and the emerging cannabis, cosmetic CBD and hemp derivative product markets from coast-to-coast. With a sales department sporting a combined 120 years of sales and technical expertise serving these industries, ABA Packaging is the trusted source for Start-ups, Indie Brands, Mid-Level Marketing groups, as well as the larger Blue-Chip names. We treat everyone with great importance regardless of size! We sell our products in many cases by the hundreds, by the thousands, and by the millions. We want to grow with you!

To compliment our wide variety of stock and custom packaging products, we offer complete decorating capabilities including color spray and frost coatings, screen and hot-stamp printing, custom label development and applications, anodizing, metalizing, and in some cases, off-set printing.

We maintain a strong support network for design, regulatory, engineering, and secondary packaging assistance and we are happy to provide referrals and work in unison with these experts to develop the most effective packaging products for our clients.

ABA now offers Eco-Friendly, 100% recyclable aluminum bottle and jar packages, certified PCR content plastic bottles tubes and jars, and PCR content glass bottles and jars. We maintain shelf-stock on hundreds of items, and we decorate what we sell.

Key Personnel

- Liana Marchese, Director of Sales
- Michael Warford, New Business Development



Ask Us About!

Let us help you find the most effective, appealing, and Eco-Friendly packaging options for your products. Offering a wide variety of packaging products, we have packages that are the right fit for you.

ABA Packaging Corporation
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www.abapackaging.com



Major Markets

- Cosmetic
- Fragrance
- Personal care
- Spa and Point-of-Sale
- Cannabis, cosmetic CBD and Hemp-Derivatives



Major Products

- Stock and custom glass fragrance and treatment bottles
- Stock and custom glass and plastic jar packages
- Custom lux aluminum bottles and cans (including threaded neck and crimp styles)
- Stock and custom threaded and snap-fit aluminum jar packages
- Stock and custom plastic bottles
- Custom plastic tubes (mono & multi-layer, ABL and Polyami)
- Stock and custom plastic, metal, and wood caps and closures
- Stock and custom fine mist, treatment, and lotion pumps
- Stock and custom droppers
- Stock and custom rollerballs/roll-ons
- Stock sampler bottles and vials
- Stock German Quality cosmetic pencil sharpeners



Specialized Services

Custom Decorating of the products we sell
Design, Regulatory, and Technical Assistance

See our ad on page 7

ABC Compounding

ABC Compounding is a 72-year-old privately held manufacturing company based in Atlanta, Georgia. ABC has operated its aerosol manufacturing facility in Grand Prairie, Texas since 1991. We manufacture private brands using customer supplied concentrate, customer supplied formulas, or ABC's formulas. We also manufacture our own national brand, AERO. We have over 250 stock aerosol formulas in production and many other formulas and configurations available in our formulary.



Product Lines

- Adhesives
- Brake Cleaner
- Automotive Detailing
- Insecticides
- Lubricants
- Bench Maintenance
- All Purpose Cleaners & Degreasers
- Oven Cleaners
- Stainless Steel Cleaners
- EPA Registered Disinfectants
- Metered Air Fresheners

Services Provided

ABC's technical and regulatory staff of chemists and aerosol specialists have over 100 years of combined experience in innovative product development, quality improvement and VOC compliance.

ABC is unique with our own in-house print shop and graphic designers. With the latest technology HP Indigo Digital Presses, we integrate the label process directly into the manufacturing process. We can meet a verity of labelling and marketing needs with a full-service graphics and printing department.

Key Personnel

- David Patterson – Technical Director - Aerosols
- Ian Englefield – Vice President Sales -
- Bart Weddington – National Accounts Manager Aerosols
- Brad Walker – Executive Vice President

Markets Served

All industries use aerosols. ABC Compounding is equipped to serve janitorial/ sanitation, industrial, food service, paints and coatings, manufacturing, construction, remediation, aviation, automotive, agriculture, service industry, HVAC, printing, laundry, municipal, medical, pest control, oilfield, and other specialty industries.



ABC Compounding of Texas
1102 Ave J. East
Grand Prairie, TX 75050
1-800-968-9222
sales2@abccompounding.com

Accra Pac India

Accra Pac Group USA, established 1967 in Elkhart, IN, went on to become the second largest contract packager for aerosol and liquid products in the US & Canada. It was a pioneer in the concept of total packaging having a cutting edge with innovative technology serving the major fortune 500 firms in the food, automotive, household, personal care & pharmaceutical industries. Accra Pac India Pvt Ltd, established 1979 in Vapi, Gujarat, has emerged as an industry leader in contract manufacturing of consumer products. It has grown steadily throughout the years, earning the respect of customers and suppliers alike for its responsiveness, accessibility, technical knowledge, product quality and deliverance.

Services Provided

- Turn Key Solution
- Contract Packaging
- Custom Formulation
- Research & Development
- Sourcing of Raw and Packing materials
- Materials logistics
- Testing facilities, including analytical & microbiological laboratories
- Manufacturing
- Quality Assurance and Quality Control
- Product Deliverance
- Process and Product validation and stability verification services
- Warehousing and Distribution
- Customer service and Marketing
- Flame Proof Walk-In Stability Chambers for Aerosols

Key Personnel

- Munna Shah: Managing Director, muunnashah@accrapacindia.com
- N Leeladhar: CFO, leeladhar@accrapacindia.com
- Sahil Shah: VP - Sales & Marketing, sahilshah@accrapacindia.com
- Toronez Hataria: Sr. Customer Service Manager, toronezhataria@accrapacindia.com

Markets Served

- Personal Care
- Pharmaceutical OTC
- Ayurveda / Herbal
- Cosmetics & Toiletries
- Household
- Automotive
- Industrial
- Speciality Products

Highlights

- ISO 9001, 14001, 22716 and 45001 certified from Intertek
- WHO GMP certified
- SAP S4HANA certified
- Comply with NFPA 30B Safety Standards, US-EPA approved
- Purified water system
- Exporting to USA since 2005
- Stability Studies and Testing
- BOV filling

Sales office—USA:
Samir Shah, President
Accra Pac Holding Co., LLC
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samir.shah@accrapacindia.com

Corporate Office—Mumbai
503, Rajanigandha, Prof. V.S.
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Mumbai - 400 028, India
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Manufacturing Plant-Vapi
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THINK
AEROSOL,
THINK
ACCRA PAC



Aerofil Technology

Since 1988, Aerofil Technology, Inc. has been focused on delivering extraordinary value for their customers' brands. For many companies, Aerofil has proven the most attractive option when a decision is made to exit the manufacturing side of the business and outsource the production of aerosol and liquid products. This is due to Aerofil's reputation of being the most responsive, collaborative, and operationally excellent independent contract filler in the North American market. As Aerofil moves forward, they plan to remain an independent aerosol filler and not own any brands that compete with their customers. All of their R&D and innovation efforts are conducted jointly with their customers.



The Aerofil campus in Sullivan, Missouri includes a 400,000 square foot manufacturing facility, surrounded by four 30,000 square foot warehouses.

The campus features:

- 8 aerosol filling lines.
- 4 liquid filling lines.
- 4 custom special packaging lines.
- 2,500 square-foot, state-of-the-art Technical Center featuring R&D, Analytical and Microbiology labs.
- A 180,000-gallon propellant tank farm containing DME, 152a, 134a, 1234ze, CO₂, Nitrogen, Hydrocarbons, and multiple blends. On-line labeling, shrink sleeving and bundling at high-speeds.
- Aluminum and steel can handling capabilities.
- 52-trailer drop lot that allows Aerofil to pre-load trailers so your drivers spend less time waiting, and more time on the road.

The Aerofil Leadership Team has the perfect blend of expertise in Lean Continuous Improvement and experience in the packaging industry. With more than 300 years of combined experience, they are not only recognized as experts within the industry, but are the guiding coalition of their Continuous Improvement philosophy.

A Culture of Innovation

At Aerofil, we're always looking towards the future, investing in technology and processes that further improve our production capabilities through increased efficiency, quality, automation, and flexibility, allowing us to set new standards in aerosol production. We believe that working side-by-side with our employees, customers and suppliers has allowed us to drive the continuous improvement culture that has made us the company we are today. We believe in leading by example, within our company on a peer and employee level, but also within our industry, and our partners' industries. We know that this culture of continuous improvement starts with our team and extends out to better their experiences and those of everyone we work with.



Markets Served

- Personal Care
- Household
- Automotive
- Industrial
- Insecticide

Services Provided

- Aerosol filling
- Liquid filling
- Full service Technical Center
- Technical resource support
- Lab testing

Key Sales Personnel

- Ed Freesmeier, VP of Commercial
efreesmeier@aerofil.com
- Ryan Montgomery, Director of Sales & Marketing
rmontgomery@aerofil.com
- Jan Coffman, Sales Manager
jcoffman@aerofil.com
- Jessica Berti, Sales & Marketing
jberti@aerofil.com

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Aptar Pharma

The Go-To Drug Delivery Expert

For pharma customers worldwide, Aptar Pharma is the go-to drug delivery expert, providing innovative drug delivery systems, components and active material science solutions across the widest range of delivery routes including nasal, pulmonary, ophthalmic, dermal and injectables.

From Spray to Aerosol – Innovative Solutions for the Broadest Range of Topical Applications

Aptar Pharma's Bag-on-Valve Technology Platform – The widest range of continuous dispensing

Aptar Pharma's BOV continuous dispensing technology delivers a clean, superior product application based on our best-in-class barrier function, customizable flow rates and optimized convenient handling for the users. Our BOV enables for the widest product range from nasal to dermal and it offers strong brand portfolios through versatile application formats.

With our latest nasal actuator innovations, Pacifica Soft and Pacifica Duo, we offer highly convenient and flexible actuator choice to cover patients' and consumers' needs from baby to senior.

PureHale® – The industry's first portable nebulizer-like device for upper respiratory care

Aptar Pharma's PureHale® Technology Platform is the industry's first cordless, ready-to-use, nebulizer-like device. Its innovative technology distributes a continuous fine mist that gently cleanses, moisturizes and soothes the upper respiratory tract. When used in combination with saline or other natural ingredient formulations, PureHale® helps prevent or relieve symptoms of upper respiratory system conditions such as coughs, colds, allergies, dry nose and throat, and other irritations.

Classic Line – The proven multi-dose Spray Pump System

Aptar Pharma's Classic Line offers outstanding modular options to realize the broadest ranges of applications for nasal, oral, dermal and otic drug delivery. Its diverse actuator families can also fit your specific formulation requirements, from higher viscosities to liquid gels to suspensions and solutions.

Our Classic Line Spray Pump offers functional features such as upside-down use, dose counting pumps or the Child Resistant Senior Friendly (CRSF) closure for nasal sprays. The wide variety of choices allows for brand differentiation for both prescription products as well as over-the-counter solutions.

APF^{Plus} – The topical spray dispensing for your preservative free formulation

The Advanced Preservative FreePlus pump from Aptar Pharma constitutes an innovative spray dispensing system for topical applications that provide superior microbiological protection and stability for sensitive formulations using purely mechanical means and granting a metal-free fluid path for safest products.

Variable spray characteristics of APFPlus specifically support topical applications for analgesics, cough and cold, dermal drug delivery, eye care and wound care.



Aptar Pharma
250 North Route 303
Congers, NY 10920
Info.pharma@aptar.com

Aptar 
pharma

CCL Container

CCL Container is the leading North American manufacturer of impact-extruded aluminum aerosol and specialty containers offering a complete range of sizes, shapes, styles and neck configurations. Its manufacturing operations use the most advanced processing systems in the industry today. State-of-the-art manufacturing lines produce finished containers from the 35mm travel size to the oversized 76mm format, with a total manufacturing capacity of 500MM+ units at 200 units-per-minute. Computerized multi-color in-line printing, color control and other critical functions yield containers of superior quality and uniformity.

Locations

CCL Container is headquartered in Hermitage, PA and operates three manufacturing facilities in North America. In addition to its Hermitage, PA plant, other locations include Cuatitlan and Guanajuato, Mexico. All are ISO 9002 Registered.

New Products & Technology

The CCL Product Development Team is unsurpassed in its ability to design and develop breakthrough solutions to the most complex challenges. They consistently uncover leading edge aluminum packaging solutions to help create the next great market success. BodyShapes™, CCL Container's innovative shaping technology for rigid aluminum packaging, allows for a variety of dramatic curves and contours throughout the entire length of the container.

Key Personnel

- Kimberly Kizer, Vice President of Sales and Marketing
- kkizer@cclind.com, 724-981-4519 ext. 357

Services Provided

CCL Container offers an unsurpassed combination of experience, expertise, resources, and capabilities for the development and manufacturing of innovative, brand-building aluminum aerosol containers. Complementing this are the company's equally impressive shaping and decorating abilities. Shapes range from soft, subtle contours to more dramatic cut angles. Design effects include metallic and pearl basecoats, brushed aluminum, high gloss, matte, textured and other finishes.

Markets Served

- Personal Care
- Hair Care
- Household
- Industrial/Automotive
- Agro-Chemical
- Pharmaceuticals
- Food
- Beverages

More About CCL Container

- Dynamic Graphics & Decorating
- Full Length Contouring & Shaping
- Exceptional, Responsive Services
- 100% Recyclable Aluminum
- Rust-Free Construction

CCL Container
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Chase Products Co.

A privately held company founded in 1927 as an insecticide manufacturer, Chase Products Co. began filling aerosol containers in 1946. Since then, Chase has had an active role in the growth of the aerosol industry worldwide, and has been responsible for many innovations in pressurized product development. In 2021, Chase was acquired by The Starco Group.

Chase currently manufactures cleaners; polishes; air fresheners (including metered sprays); disinfectants; insecticides; paint, automotive, industrial and MRO products; personal care products; and seasonal and craft products. Chase's Santa® Snow, an aerosol with annual appeal, is carried by nearly every mass retailer in the U.S.A. and Canada.

Services Provided

Full manufacturing and filling capabilities, plus an in-house R&D laboratory; Legal & Regulatory department; Graphic Arts department; and EDI capability.

Production Profile: Five lines, including single and double index and rotary fillers and in-line and rotary gassers. Gas capabilities include straight hydrocarbon and hydrocarbon blends, nitrogen, CO₂, and 152a. All gas is pressure-filled.

Container Capabilities: All standard three-piece aerosol cans, numerous sizes of aluminum tubes, DS two-piece containers.

Valve/Cap Capabilities: All standard valves, a variety of standard and non-standard caps, including metered spray L-tips, FIBS and IBS spray-through caps and numerous specialty/hand-applied caps. Exclusive use of one-inch E-twist cap.

Label Capabilities: Plastic/poly on multiple lines, and standard cut/stack paper.

Pack-out Capabilities: Wide variety of standard corrugated options, wide variety of specialty hand pack-out capabilities for chipboard/display/point-of-purchase packages. In-house shrink wrap/multi-pack capabilities.

New Products

Chase's newest product line is Chase's Clean Home™ Disinfectants, NBE formulations offering profitable control brand alternatives for retail shelves (*Disinfectant Spray EPA Reg. No. 498-179 effective against COVID-19 Virus and *Monkeypox Virus*). And the Chase's Home Value™ line is tailored for retailers looking for unique opportunities. This line provides a range of effective, attractively-priced products including household cleaners and polishes, bathroom cleaners, disinfectants, spray starch, Smooth Track® shave creams and KillZone® insecticides.

New Technologies or Patents

Green World N® is the first full line of EPA Safer Choice certified continuous-spray professional cleaning products. The six products are made from biodegradable CleanGredients® and utilize natural nitrogen as a propellant.

Markets Served

All markets, excluding FDA OTC products

Key Personnel

- Judith Albazi, President
- Ernesto "Ting" Hidalgo, VP Manufacturing
- Anthony Albazi, Corporate Sales Director
- Kevin Brandush, National Sales Manager, Professional Products Division

*Name of Emerging Virus: Monkeypox virus
Name of Illness/Outbreak: Monkeypox
Pathogen-specific website address (CDC):
<https://www.cdc.gov/poxvirus/monkeypox/index.html>

Chase Products Co.
2727 Gardner Road
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sales@chaseproducts.com
www.chaseproducts.com



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Condensa

More than 50 years of experience manufacturing and supplying high end aluminum packaging.

Specialized in industries such as Cosmetics, Personal Care, Nutraceuticals, and Pharmaceuticals, among others. We supply for leading brands and main contract fillers in the US, Canada, Latin America, and Asia.

New Products/Technologies/Patents

- Reaching to a broader type of clients, supporting their needs for traditional aerosol, 20mm openings and Screw Top Bottles, using their own decorations.
- Enhancing the market of the Comfort-Hold shapes.
- Helping our current/new customers to stand-out with current products and new developments in a highly saturated and competitive market

Industries

- Nutraceuticals and Pharmaceuticals
- Personal Care and Cosmetics
- Food and Beverages
- Over the counter
- Household
- Industrial
- Specialties

Products: Aluminum Packaging

- Aerosols: A wide range of diameters, heights and shapes.
- Perfume bottles: 20 mm opening bottles.
- Threaded bottles: 38/400 and 24/410 threaded neck bottles in different sizes.
- Snap bottles: With special cap and in different dimensions and heights.
- Beverage bottles: In different sizes and necks.

Key Contacts

- Matias Levit – CEO (matias.levit@condensa.cl)
- Rodrigo Vera – VP of Sales (rodrigo.vera@condensa.cl)

Specialized Services:

Condensa will assist your company from the beginning of each project, through an experienced sales team, design department, art and color approval, warehousing, delivery alternatives, and follow up until your products are delivered.

Our main objective is to accompany you along the process and meet your expectations. We are committed to delighting our customers and finding solutions that meet their needs, through quality products, long-lasting relationships, and a continuous improvement process.

Condensa

**Sales: Avenida Vitacura 3565, Office 202,
Santiago, Chile. Zip Code: 7630532**

**Factory: Avenida Argentina 2698, Arica,
Chile. Zip Code: 1020032. Phone: (+56-58) 220 7600
contact@condensa.cl www.condensa.com**



See our ad on page 16

DS Containers

Founded in 2005, DS Containers offers customers innovative two-piece laminated steel and one-piece D&I aluminum aerosol cans with the shortest lead-times and outstanding sustainability benefits

Key Personnel

- Matt Kuehn: CEO
- Rich Brolly: Executive VP
- Kevin Richards: VP Sales, Marketing, and Technical Support
- Andy Collantes: Director-Technical Services
- Jeff Pray: Manager-Quality and Food Safety
- Gina Bucciarelli, Jack Childers and Tyler O'Neil: Director of Sales

Products Offered

Two-piece PET laminated tin-free steel containers with no side seam, an integral dome, corrosion resistant interior and a contemporary shape. Customized printing in up to eight colors. Industry leading lead times and smallest MOQ's for printed cans. Six sizes available; 205 x 604, 205 x 710, 211 x 315, 211 x 413, 211 x 604, and 211 x 713. Now also offering debossing as an option for the 211 x 604 and 211 x 713 sizes with an all-around Spiral pattern as well as custom deboss pattern design opportunities.

DSC Also offers drawn & ironed (D&I) aluminum aerosol cans produced that offer our customers the sustainability advantage of inherent recycled aluminum content. We have combined existing D&I can manufacturing methods with the latest aerosol can necking and shaping technologies arranged in a unique modular line layout. The arrangement incorporates a coil-to-can process which produces cans at higher speeds. Our aluminum can portfolio includes 44 and 53 mm diameters with a various height options produced in a manufacturing layout utilizing dual in-line decorators and multiple shaping machines. Our technology and approach provides reduced lead-times and MOQ's while delivering unparalleled service and quality.

Markets Served

- Automotive
- Duster
- Food
- Household Products
- Industrial
- Insect Spray
- Paint
- Personal Care

Headquarters:
1789 Hubbard Avenue
Batavia, IL. 60510
Tel: 630-406-9600
Fax: 630-406-1438
www.dscontainers.com



See our ad on page 4



DSC

DS CONTAINERS



Favaron



Over 60 years in the plastics processing

Founded in the late 19th century, the family-run company FAVARON started manufacturing the traditional wooden clogs named "sgàlmare". Later on, in the 1950s, as the Nobel Giulio Natta discovered the isotactic polypropylene, Favaron started to process plastics and rubbers, opening up new markets.

Over 60 years passed by and now we are proud to offer our expertise in the plastic processing.

Aerosol Dispensing Solutions

- **Caps and overcaps** for necked in cans, 52mm or 65mm diameters
- **Actuators** with or without twist & lock system, for 65mm necked-in cans
- **Handles for spray cans** transforming spray cans into spray can guns

All of them with a **sleek and unique design** which **stands out on the shelf**.

Services Provided

- Aerosol dispensing **solutions tailored on your needs**. We work at your side through every step of the process: from the simple idea or hand sketch through design, engineering, prototyping up to the manufacture of the end product
- **Customization** of the current aerosol range with your logo or trademark, and with many finishes with different patterns
- Supply with the **lowest minimums**
- An over 60 year experience in the plastics and rubbers processing

Our Commitment to the Future

- We strive to invest in new technologies and material research, with a special consideration to bioplastics. All our products have incorporated **recycled content**.
- We cooperate with Scuola Italiana Design of the GALILEO Technological Park, promoting the **education of new designers**, creative, talented and environmentally sensible



We are currently seeking for an American partner to distribute our products and establish a good long term and trustful partnership with.



FAVARON SRL - Noventa Padovana (PD)



FAVARON SRL - Padova (PD)

FAVARON srl

Headquarter: Via Noventana 123

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Tel. +39 49 89 31 288

Mail: favaron@favaron-italy.com or romina@aerosolcaps.com

Formulated Solutions

Innovate • Formulate • Create

Formulated Solutions is now known as one of the most innovative contract manufacturing and formulation development companies (CDMO) in North America. With over 650 million units of annualized production capacity, Formulated Solutions exists to enhance consumer healthcare products through creativity and invention, delivering our Marketing Partners unmatched formulations, innovative packaging and cost effective reliable supply of semisolids, Aerosols, Bag on Valve, and our exclusive eN₂fused™ WHIPPED dispensing platform.

These days every contact manufacturer claims to innovate. We're different... We walk the walk! Every year we commit 30% of our research and development efforts to purely speculative development. Why? So that we stay on the cutting edge of consumer healthcare technologies, and are able to ensure that you, our brand partner, is in a perfect position to offer your customers differentiated products that they will love.

We have a reputation for creative problem solving. We open the doors no one else can. Our expert team of scientists and engineers will work alongside your in-house R&D, supply chain, or marketing staff to develop that difficult to formulate/difficult to fill consumer healthcare solution. Our uniquely inventive thinking creates tremendous value for our brand partners and makes us the ideal choice for full turnkey consumer healthcare CDMO solutions. Formulated Solutions does not market any of its own products, nor manufacture store brands.

Industries Served:

- Consumer Healthcare
- Branded Rx
- Medical Device
- NDA and OTC Monograph

Our pharma-grade facilities and manufacturing equipment are impressive, but we are so much more than buildings and machines. We are your invested consumer-focused partner. We want to help you create game-changing innovations that will result in products your consumers love to use and will drive your bottom line and our expert team of scientists and engineers stand ready to do so.

Formulated Solutions is and shall always be a company of people with the knowledge and dedication to provide our Marketing Partners, a single source solution for delivering quality and innovative products to market. We shall embrace changes and new opportunities as a vehicle to continually develop and grow sustainable relationships. As a company we shall never accept anything less than a culture that fosters creativity, growth and profitability for both our Partners and the company"

Our focus on innovation allows us to offer you, and your customers, products that other CDMOs simply can't.



Formulated Solutions, LLC
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Formulatedsolutions.com
websales@formsol.com

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Gerstung Aerosol

Gerstung Aerosol is a family owned custom packaging machinery manufacturer, established in 1960. Back then we introduced a revolutionary new method for pressurizing aerosol containers. The orbital shaking, combined with propellant filling, provides the action necessary to excel the absorption of propellant into water-based and viscous concentrates. With this preferred packaging industry method of gassing, it eliminates the need for additional product handling.

Our innovative products are engineered with simplicity in mind, ask the man who owns one. This pioneering technique has gained complete acceptance and contributed to the widespread growth of aerosols in existing and new markets worldwide.



Products

- **Single Head Laboratory Gasser/Shaker**

The precise cyclic motion lends itself to enhance absorption of propellant throughout the product more quickly and completely. This machine is designed for manual operation and is really great for testing products with CO₂.

- **Manual/Automatic 6 Head Gasser/Shaker**

This machine features the same simplicity of design as our Production 16 Head Gasser/Shaker. The precise cyclic motion lends itself to enhance absorption of propellant throughout the product more quickly and completely. This machine is designed for manual operation. Conversion parts would be available to modify for automatic production (20cpm).

- **4 Head Inline Production Crimper**

The latest model of our 4 Head Crimper, incorporates our proven method of Inline can handling. With absolutely no motors, gears, springs, minimal CFM and nothing to adjust, this machine truly is INNOVATIVE! Capable of 4 cans every 4 seconds, 60 cpm, it can be attached to your current running conveyor. Crimps all 1" standard containers and will accommodate one can diameter with various heights, no change parts. Various can diameters are available.



6-Head Production Gasser/Shaker

Locations

- Spokane, WA – R&D
- Riverside, CA – Manufacturing, assembly and equipment staging facility

Services Provided

Installation Supervision

Key Personnel

Greg Gerstung, Greg@gerstungaerosol.com

Patents

Valve for Pressurized Dispensing Cans – 1989 and 1990

Markets Served

- Food
- Personal Care
- Household Products
- Insect Sprays
- Industrial
- Automotive
- Pharmaceutical



4-Head Inline Production Crimper

Gerstung Aerosol

419 W. Ivanhoe Road

Spokane, WA 99218

www.gerstungaerosol.com

Tel:760-780-9870



H&T Presspart

H&T Presspart is a global leader in the design, development and manufacture of dispensing actuators for the pharmaceutical and healthcare market.

With over 45 years' experience in the manufacture of injection-molded components, it is easy to see why H&T Presspart is the partner of choice for some of the biggest names in the pharmaceutical and healthcare industry.

Our multi-component high-speed line injection moulding takes place in an ISO 8 clean room, and assembly in an ISO 7 clean room at our manufacturing site in Tarragona, Spain. We also offer in-line dry-spray-pattern testing and a range of packaging options.



H&T PRESSPART

Products and Services Provided

H&T Presspart offer a flexible range of dispensers and actuators which are suitable for a variety of mechanical spray pumps and aerosol valves with different stem blocks.

With a product range that includes oral, ear and nasal and topical applications, H&T Presspart's products are perfect for a wide number of industries including pharmaceutical, personal care and cosmetics.

H&T Presspart works closely with their customers to guarantee all specifications are met with spray nozzle, tube length and angle all adaptable to specific customer needs. With manufacturing facilities in Tarragona Spain, H&T Presspart offer a complete product development service for customers from the 3D CAD design concept stage right through to full industrialization of the product.

Key Personnel

- Mario Franco- Sales Manger

Markets Served

- Pharmaceutical
- Personal Care
- Household Products
- Cosmetics



Presspart Manufacturing

Avda del Foix s/n

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Spain

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Email: mario.franco@presspart.com

www.presspart.com

ITW Sexton



ITW Sexton has been a global leader in the design and manufacture of two-piece aerosol cans for over 60 years.

With a variety of styles and sizes from which to choose, ITW Sexton's product line makes it easy to select the ideal packaging solution for a wide range of products; from high-pressure, specialty gases to low-pressure consumer goods. Backed by the ITW family of companies, ITW Sexton is the preferred supplier of specialty, high-pressure refrigerant gases such as R-134a, HFO-1234yf, R-410a, R-32a and hydrocarbons across the globe.

Products Offered

ITW Sexton manufactures two-piece, tinplate steel containers in both high and low-pressure configurations. Available in 11 different sizes including 202, 211, and 300 diameters, our product line makes it easy to select the ideal packaging solution with a wide range of standard and customized containers. From our smallest 202x406 to our largest 300x1006, every ITW Sexton can is available in dome or step profile. Additional services include unlimited base coat color options, customized printing in up to eight colors, and our industry leading Patented Pressure Relief Device (PRD).

At ITW Sexton, we've earned ISO and U.S. Department of Transportation (DOT) certifications to ensure that every aerosol can is of the highest quality. With a devotion to quality that sets the industry standard, you can be sure that each one of our containers are structurally-sound and will deliver the safety and performance that your customers demand.



Key Personnel

- Elizabeth Dietrich – Business Unit Manager
- Brennen Auerbach – Business Unit Sales & Innovation Manager
- Erica Harris – Key Account Manager
- Terry Widner – Customer Service Manager

Patented Pressure Relief Device

ITW Sexton's patented Pressure Relief Device (PRD) is the optimal choice for maximum aerosol safety and performance. By allowing contents to evacuate safely through the bottom, ITW Sexton cans with available pressure relief device remain intact in the event of over pressurization – reducing the likelihood of severe injury if the can is mishandled during use, storage, or transportation.

Our engineering team's persistent focus on the safety and structural integrity of our cans, combined with over 60 years of technical expertise securing and maintaining numerous DOT special permits, have made us the number one choice of high-pressure containers throughout North America, Asia, Europe, and Central and South America.



Markets Served

- | | |
|------------------------------------|----------------------|
| • Automotive | • Industrial |
| • Refrigerant | • Household Products |
| • Automotive Stationary | • Duster |
| • High-Pressure/Specialty Products | • Insecticide |
| | • Hydrocarbons |

ITW Sexton

3101 Sexton Road SE

Decatur, AL 35603

Tel: 888-739-8662 Fax: 256-351-8730

www.sextoncan.com

LINDAL Group

LINDAL was founded in 1959 and today is one of the world's market leaders in aerosol dispensing technology. LINDAL Group offers a broad range of standard and custom aerosol dispensing solutions and have become a partner of choice for many of the world's most prestigious, innovative and trusted brands.

LINDAL's product offering includes a comprehensive range of valves, actuators, barrier packs and associated accessories that address the technical and aesthetic requirements of customers, enabling them to differentiate and excel in an increasingly competitive marketplace.



LINDAL continually invests in new facilities, infrastructure and equipment. The company recently invested \$25m in a landmark facility in Brazil, a project which represents the largest investment to date. The new facility will cover 12,500 sqm and employ approximately 130 people. This follows on from the recent \$20 million investment for the U.S. market for a 100,000-square foot, state-of-the-art production facility in Columbus, Indiana, which expanded the aerosol leader's product portfolio and production capacity, particularly for BOV.

Global Footprint

LINDAL Group continues to invest and grow its manufacturing footprint and sales office network so it can offer its customers exceptional service and supply.

Originally based in Germany, the LINDAL Group has expanded its presence across Europe and Asia with manufacturing sites and sales offices in France, UK, Italy, Belgium, Spain, Switzerland, Ireland, Turkey and most recently, China.

In the Americas, LINDAL's presence covers all key markets from operations in Argentina, Brazil, Mexico to a state-of-the-art facility in North America.

LINDAL Group as 'one-stop shop'

LINDAL Group is a fully integrated product development service provider offering customers an extensive range of product design, development, engineering, manufacturing and supply services. Our extensive capabilities mean we can support customers from the ideation and concept creation stage through to the full innovation, development and industrialisation cycle into high volume manufacturer and supply.

LINDAL Group's commitment to new product innovation is reinforced by its ongoing investments in its Global Innovation Centre (GIC) in France and its manufacturing technology company, Leonhard Fischer GmbH in Germany. Through our innovation services, we help our customers differentiate their products and gain competitive advantage through rapid new product introduction processes.



LINDAL Group Holding GmbH
Brandstwierte 1, Neuer Dovenhof
20457 Hamburg, Germany
Tel: +49 (0)40 200075-100
email: marketing@lindalgroup.com

Majesty Packaging Systems Limited

Established in 1988, located in Zhongshan city, Guangdong, China, Majesty is one of the biggest manufacturer of aerosol technology and dispensing solutions in the world, covering an area of 100,000 sqm with large production capacity at 6 billion sets of aerosol valves, 2 billion sets of dispensing pumps and 1 billion sets of spray caps annually.

- Global expansion: Thailand factory, Brazil factory, European factory
- 600 injection molding machines including Sumitomo, Milacron, Engel, Zhafir
- G.M.P workshop for pharmaceutical packaging production
- 2,000 sqm lab with advanced testing instruments
- In-house professional mold design and making workshop
- Certified with ISO9001, ISO14001, ISO45001, BRC, SMETA, C-TPAT



Our Products

Majesty offers the most range of standard Aerosol valves, Spray actuators, Lotion pumps, Trigger, Foamy pump, Mist sprayer for personal care, home care, pharmaceutical, food, industry products.

Now Available for All Plastic:



Foamy Pump



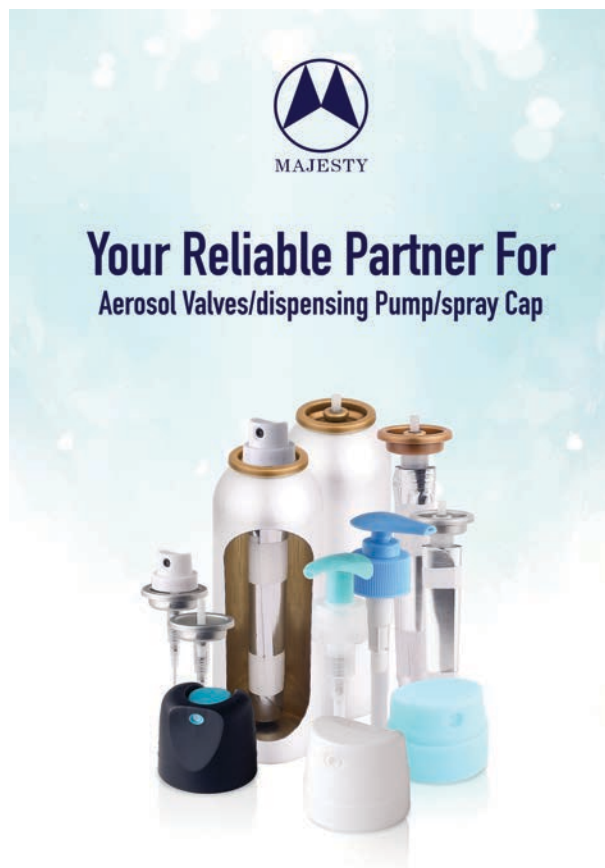
Trigger



Lotion pump



Scan for more information



Majesty Packaging Systems Limited
No.21 Health road, Torch Development District
Zhongshan, Guangdong, PR China
www.majestyglobal.com
Tel: +86 760 8531 0888 /+86 760 2389 8533
Fax: +86 760 8559 8660
Email: gm@majestyvalve.com

See our ad on page 75

McKernan Packaging Clearing House

For more than 60 years, McKernan Packaging Clearing House continues to offer the industry's highest quality packaging at a discounted rate along with the lowest minimums. McKernan began by buying and selling surplus packaging, growing their Best Value line. Eventually, a complete line of Wholesale Packaging was added. This ever-growing wholesale line includes over 1,200 line items with over 100 million packaging units in the warehouse...all ready to ship!

McKernan®
PACKAGING CLEARING HOUSE

Major Products

McKernan carries packaging components including aerosol cans, bottles, caps, trigger sprayers, foamers, sprayers, pumps, actuators, valves and much more. Whether you are looking for sophisticated and polished, bold and fun, or even simple designs, McKernan has something for almost everyone with unlimited opportunities to produce a truly unique package design. Get started today! Search our extensive online inventory at McKernan.com where you can order a sample, and most samples are free of charge. For details, call 1-800-787-7587 or 775-356-6111 or email Sales@McKernan.com



Best Value

McKernan's Best Value line contains top quality, unbranded packaging components that are offered at a discounted price. The majority of products in this line offer significantly reduced prices. The Best Value line has shipments arriving each day so there is always something new to find. This packaging is in stock and generally ships within 48 hours. However, you may need to move fast as these deals sell out quickly.

Surplus Specialists

"We Buy Surplus!"

McKernan also helps businesses repurpose their excess/surplus inventory by purchasing unused and unbranded components, such as bottles, jars, closures and more. McKernan coined the phrase "pre-cycling" because the program allows companies to recapture some of their initial investment and keeps excess inventory out of the landfills. McKernan is an environmentally responsible and smart solution to scrapping or traditional recycling. When you need to clear inventory in a short amount of time, call McKernan. For more information on this program, visit WeBuyPackaging.com or email Surplus@McKernan.com.



The McKernan Experience

Whether you are buying or selling packaging, when you call McKernan Packaging Clearing House, you will speak with a real person. Call 1-800-787-7587 or 775-356-6111 and the friendly staff at the front desk will connect you with a knowledgeable sales representative or surplus specialist for further assistance.



McKernan
P.O. Box 7281
Reno, NV 89510
Tel: 775-356-6111, 800-787-7587
Fax: 775-356-2181
Web: www.McKernan.com

Montebello



Montebello Packaging is an international company serving clients worldwide. As a leading North American supplier to the pharmaceutical, cosmetic, personal care, food, beverage, industrial, automotive, and household packaging manufacturers, Montebello prioritizes customers needs and adapts to changing trends. Headquartered in Hawkesbury, Ontario with five state-of-the-art production facilities in Canada and the United States, Montebello offers packaging solutions to meet customer brand identity with functional and attractive packaging options. Montebello's Graphic Prepress Group and package decorating capabilities help our customers enhance their brand presence, and the Montebello Engineering Group coordinates engineering projects, new product development and new automation technology to support manufacturing operations. Montebello's Customer Service and Quality Assurance personnel are dedicated to meet the high-quality standards and service level our customers expect from a world-class manufacturer.

Aerosol Can Manufacturing Facilities

- Lebanon, KY: Montebello's newest facility consists of 120,000 sq. ft. dedicated to aerosol can manufacturing with two state-of-the-art aerosol can manufacturing lines coupled with 9-color decorating capability.
- Harrisonburg, VA: This 187,000 sq. ft. facility manufactures the majority of Montebello's 35mm and 38mm diameter aluminum aerosol cans.
- Hawkesbury, ON: This 100,000 sq. ft. facility manufactures aluminum aerosol cans, and houses Montebello's Administration, Customer Service, Graphics and Corporate Quality Assurance Department.

Products and Services Offered

- Aluminum Aerosol Cans
- Aluminum Beverage Bottles
- Collapsible Aluminum Tubes
- Laminate Tubes
- Graphic Artwork, Prepress, Digital Platemaking, 3D Package Modeling, and Graphic Design

Key Personnel

- Jean Francois Leclerc - President
- Steven Macphail - Vice President of Sales
- Dennis Smith - Regional Sales Manager Aerosol Products

New Technologies or Products

- Aluminum bottles for Personal Care Markets
- Montebello Packaging has recently installed an industry leading laser trimmer for one of the high-speed aerosol can lines in the Kentucky facility. This new technology enables push button length changes, improved diameter change over lead-times, and improves overall accuracy and final cut profile. Their Graphics Department developed 3D modeling techniques that allows full 360 degree viewing of all product shapes they offer. The Quality Assurance Department at Montebello launched its Statistical Process Control Program in their Hawkesbury, ON, Lebanon, KY, and Harrisonburg, VA facilities. Benefits include a truly paperless environment, data input directly from the manufacturing floor, and a robust processing engine specifically designed to process manufacturing data to help ensure customers receive the best quality packaging available.



Montebello Packaging
1036 Aberdeen Street
Hawkesbury, Ontario K6A 1K5
sales@montebellopkg.com

Nussbaum

N U S S B A U M ● We Can

The Swiss based Nussbaum Group is a leading manufacturer of sustainable aluminium packaging for 60 years. In its three plants in Switzerland and Germany, Nussbaum offers a wide range of attractive products and a large variety of formats, shapes and linings.

Advantages of aluminium packaging:

- 100% recyclable
- resistant, solid & unbreakable
- stainless
- diffusion proof
- light proof
- good conductivity
- availability nearly unlimited
- 3 x lighter than steel
- 4 x lighter than glass
- shapeable

Products and specifications offered

Cans - 15 formats Ø 22 – 66 mm

- Aluminium Aerosol Cans, 17ml – 650ml (Brimful volume)
- Aluminium Can-in-Can, 32ml – 290ml (Pouch volume)
- Aluminium Screw Cans, 15ml – 550ml (Fill volume)

Innovations

- **PCR-Aluminium and aluminium alloys**
Nussbaum containers are available made from 100% post-consumer-recycled aluminium, saving 96% of CO₂. The aluminium utilised for our Nucan-PCR cans is 100% used beverage can scrap – no primary or PIR aluminium is added. Furthermore, we manufacture lightweight cans made from aluminium alloy, meeting the environmental and cost-saving expectations.
- **Refill Screw Cans**
Refill instead of disposing – Nussbaum's Screw Cans are the perfect durable packaging for liquid personal care products. Consumers may simply refill and continuously use the same can, reducing waste and improving carbon footprint.
- **Deo Roll Cans**
Aluminium Deo Roll Cans offered as sustainable alternative to common plastic or glass deodorants. Nussbaum's Roll Cans contain 50% more product than a glass container in the same format being however 75% lighter. This deodorant is unbreakable and fully recyclable.

Services offered

- Wide selection of linings (e.g. BPA N.I., PAM and PAM alternatives)
- In-house prepress department
- R&D including tooling supply
- Certified in ISO 9001, ISO 15378 (primary packaging for medicinal products) and ISO 14021 (Environmental labelling certification for Nucan-PCR)
- US Drug Master File
- US DOT registration

Industries served

- Personal Care
- Pharmaceutical
- Food
- Industrial
- Home Care

NUSSBAUM MATZINGEN AG (HQ)

Frauenfelderstrasse 67

CH-9548 Matzingen

0041 52 3693911

www.nucan.com

nucan@nucan.com



Packaging Concepts

Packaging Concepts Associates offers complete packing solutions, with a focus on child resistant packaging. Established in 1975, PCA develops unique proprietary patented packages for dispensing a wide range of products that have innovative designs and are perfectly customized to the requirement of our customers. All products are suitable for topical, oral, drug packaging, food-related, and other applications. Today PCA is the world leader in child-resistant fine mist, aerosol, and lotion dispensing solutions.



Location

Torrington, CT

Products

- Mpak (fine mist sprayer)
- Snap-on (fine mist sprayer)
- Tilt top (lotion dispensing)
- Aerosol
- CR (child resistant) and Non-CR
- Metered Dosage
- FDA food contact compliant
- Extender Nozzle
- Variety of bottle shapes and sizes



Services Provided

Packaging Concepts Associates is an Intellectual Properties and Solutions Company.

- Custom Packaging
- Design Validation
- Artwork and Design
- Working Prototypes
- 3D CAD Design – Solid Works
- 3D printed/Stereolithography Models
- Renderings

Key Personnel

- David Meshberg (President & CEO)
- Daniel Araujo (Vice President & GM)
- Jason Ransom (Operations Manager)
- Crystal Kiehl (Quality Manager)

Technologies

- Child Resistant Technology
- Bottle Neck Finish

Markets Served

- Over The Counter (OTC)
- Consumer Healthcare
- Personal Care & Cosmetics
- Household Products
- Aerosol Sprays
- Liquids, Creams & Gels



Packaging Concepts Associates
301 Ella Grasso Avenue
Torrington, CT, 06790
860.489.5656
packagingconcepts.com

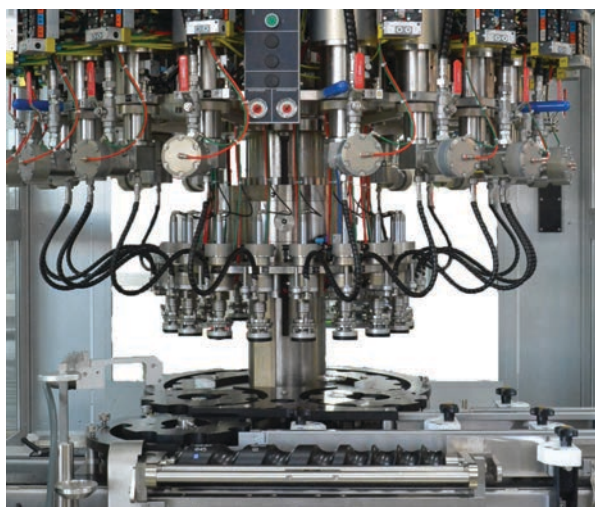
Pamasol Willi Mäder AG

Pamasol is one of the leading companies developing, producing and distributing aerosol machines. For over 55 years we have developed and produced everything ourselves in our high-quality facilities in Pfäffikon Switzerland. We offer a wide range of systems from laboratory to high speed rotary machines up to 600 cans per minute.

From installation, start-up, training to technical service support in the field, you can count on us. The Pamasol brand name stands for innovation, technical leadership and reliability as well as for custom made machines for customer needs, perfectly engineered and constructed for a long-lasting production.

We are providing aerosol solutions not only for 1" aerosol valves and cans, but Pamasol is also the leading company for BOV-systems (Bag-on-Valve) for salt water, cosmetics etc., for pMDI-machines (Pressurized Metric Dose Inhalers), high speed color filling machines, mass-flow fillers for dedicated products, special capping machines with cap orientation system and much more.

As a provider of Swiss Aerosol Solutions, Pamasol is the brand for working together to solve all your filling problems, no matter how challenging they are.



See our ad on page 75

Pamasol Willi Mäder AG
8808 Pfäffikon SZ-Switzerland
Ph: +41 55 417 40 40
pamasol.com
info@pamasol.com



Pharmasol

Pharmasol is an integrated Contract Development and Manufacturing Organization (CDMO) offering a complete range of services. Pharmasol has an unmatched combination of knowledge, experience, and capabilities in the highly-specialized field of pharmaceutical development and manufacturing of aerosols. We offer full service production of aerosols, liquids, creams, gels and lotions for the OTC, Rx, Medical Device, and Personal Care categories. We will work with you through every step of the process from formulation and clinical supplies, through scale-up and commercial manufacturing. Our highly trained and experienced staff welcomes large and small projects.



The Pharmasol team is experienced in all areas of manufacturing & development, including logistics, procurement, analytics, quality assurance, regulatory, R&D, packaging, and project management.

Markets Served

- Rx Pharmaceutical
- OTC
- Medical Devices
- Personal Care /Cosmetic

Research and Development Services

- Formulation Development
- Analytical Development/Validation
- Analytical Method Transfer
- Product Stability
- Technology Transfer
- Pilot Run/Clinical Trial Materials/Scale Up

cGMP Manufacturing and Packaging Services

- ISO-8 Clean-Room Manufacturing Areas
- Pilot Run / Clinical Trial / Scale Up
- Process Validation
- Commercialization
- Foams
- Aerosols (conventional, metered valve, steel or aluminum, 1-inch, 20mm)
- Alcohol and water based filling
- Liquids, Creams, Gels, Ointments
- Bottles
- Jars
- Tubes
- Flexible and Versatile Secondary Packaging

Every new project goes through a detailed project management and development process with carefully managed milestones and deadlines. Our clients have direct access to project team members who are professional and very responsive to customer needs.

Our experience has taught us that no two customers are the same. Our services can be as broad or as limited as your business needs dictate; from filling and packaging to “turnkey” product development, manufacturing and national product launches.

Pharmasol Corporation
One Norfolk Avenue
South Easton, MA 02375
508-238-8542
HKatzen@Pharmasol.com
www.pharmasol.com



PLZ Corp

PLZ Corp is the North American leader in specialty aerosol and liquid product manufacturing. The PLZ family of companies specializes in the development, manufacturing, packaging and distribution of a comprehensive line of contract fill, branded and private-label products. We formulate, blend, fill and package more than 2,500 branded and private-label products including cleaners and polishes, industrial solvents, lubricants and degreasers, adhesives, sanitary supply disinfectants, insecticides, air fresheners and personal care products for home and industrial use.



Locations

USA (IL, MO, CA, GA, WI, IN, MA) Canada (Vaughn, Ontario)

Technical Capabilities

Our technical capabilities are informed by decades of experience in research and development, and the documentation and regulatory matters that accompany the work. Our enterprise-wide utilization of SAP allows manufacturing data to be accessible across all locations. We have the flexibility to produce goods between any of PLZ's 17 manufacturing locations. We maintain more than 40,000 bills of materials (BOMs) or blue prints for each finished product.

Research & Product Development

We offer complete product development from formula creation to performance and stability testing for custom or off-the-shelf goods. PLZ's team of chemists have developed over 350 proprietary formulas and 6,900 unique skus.

Branding and Packaging

We offer strategic creative package design for branded or private label products, as well as strategic product line development and in-store programs such as merchandising displays and signage.

Key Personnel

- John Ferring, Chairman
- Aaron Erter, President/CEO
- Kathy Elkey, Chief Commercial Officer
- Don Jacklich, Chief Sales Officer
- Derek Wallace, VP Distribution

New Technologies/Patents

Liquid Glass Cleaner, available at: www.spraywayretail.com



Markets Served

- | | | |
|--------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|--------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|
| <ul style="list-style-type: none">• Agriculture• Automotive• Commercial Vehicle• Construction• Electrical & Electronic Maintenance• Flooring• Food Service• Furniture, Bedding & Upholstery• Glass Trade | <ul style="list-style-type: none">• Household Cleaning Products• Housekeeping• Insecticides & Repellents• Industrial Supply• Janitorial• Maintenance, Repair & Operation (MRO)• Marine• Oil Field, Natural Gas & Mining• Personal Care | <ul style="list-style-type: none">• Pet Care• Picture Framing, Arts & Crafts• RV Industry• Sanitation• Screen Printing & Graphic Arts• Sewing Trade• Transportation & Fleet Service• Wood working |
|--------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|--------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|

PLZ Corp
2651 Warrenville, Rd., Ste. 300
Downers Grove, IL 60515
www.plzcorp.com

PRECISION



YOUR SAFETY

You must feel safe with the products you use. Plus, you deserve to work with the Modern Aerosol Industry Founder and World Leader in Aerosol valves.

Indeed, PRECISION VALVE CORPORATION (PRECISION) is the inventor of the first mass produced aerosol valve in 1949. Since then, we have become the global leader in aerosol valves and a leading player in actuators and dispensing solutions.

You are on the safe side.



YOUR SERENITY

Whether you are a national brand, a contract filler or a multinational group, you can rely on a PRECISION local team and a regional or global supply. Today, PRECISION operates a multinational network of 17 facilities spanning 15 countries on 6 continents in Argentina, Australia, Brazil, China, France, Germany, Italy, Japan, Mexico, South Africa, Spain, Thailand, United Kingdom, USA and Venezuela.

PRECISION can rightly claim to be your only truly local partner of aerosol valves and actuators with a global presence

Your local partner, globally.



YOUR SOLUTIONS

Are you facing a new challenge? Searching for new solutions? PRECISION serves a variety of end markets, including personal care, household, food and beverage, industrial, automotive and pharmaceutical with an ever-growing product portfolio featuring valves, actuators, pumps, and other dispensing solutions. PRECISION's valve range consists of a comprehensive range of 1" male valves, tilt valves, powder, 360-degree valves, capillary valves, metered valves and Bag-On-Valves. In addition, PRECISION's actuator portfolio offers everything from standard buttons to innovative twist-lock actuators. PRECISION's broad choice of pumps includes trigger sprayers, lotion pumps, foamers, crimp, 20mm, and specialized pumps.

PRECISION provides a multi-skilled team of experts to support your aerosol and dispensing needs.

It all starts with YOU.



Precision North America
5711 Old Buncombe Road
Greenville, SC, 29609, USA
Phone: 1-866-686-8464
sales.pvna@precisionglobal.com
www.precisionglobal.com

Shenzhen Huate Packing Co., LTD.

Shenzhen Huate Packing Co., LTD., founded in 1985, is one of the earliest and largest integrated tinplate can manufacturers and service enterprises in China. The main products are printing tin plate cans, aerosol cans, milk powder cans, industrial cans, special-shaped cans, gift candy cans and accessories, etc., all kinds of cans variety in complete specifications. The market covers the whole country and is exported to more than 30 countries and regions over the five continents. Shenzhen Huate Packing Co., LTD. is regarded as a reliable long-term partner of many large international multinational corporations.



Capacity

Huate has more than 100,000 square meters of modern production base in Shenzhen, Shanghai, Tianjin, Dongguan, and Chengdu, strong force research, development and technology. Huate has the world's most advanced equipment introduced from Britain, Germany, Italy, Switzerland, Japan, South Korea and other countries and regions.

- 10 printing and coating lines, annual printing capacity of more than 100,000 tons
- 18 high-speed aerosol can production lines, annual production capacity of more than 1 billion
- 3 milk powder can production lines, annual production capacity of more than 120 million
- 20 production lines for industrial cans, with an annual production capacity of more than 200 million
- 16 gift candy cans production lines, annual production capacity of more than 30 million



Shenzhen Huate Packing Co., LTD.
130# Chongqing Road, Fuyong Town, Shenzhen, PR China
www.sz-huate.com
Tel: +86-755-61156111/+86-755-61156141
Email: sales@sz-huate.com

See our ad on page 15



Sonoco

Founded in 1899, Sonoco is a global provider of consumer, industrial, healthcare and protective packaging. With net sales of approximately \$5.6 billion in 2021, the Company has 20,500 employees working in approximately 300 operations in 32 countries, serving some of the world's best-known brands in some 85 nations. Sonoco is committed to creating sustainable products, services and programs for our customers, employees and communities that support our corporate purpose of Better Packaging. Better Life. The Company ranked first in the Packaging sector on Fortune's *World's Most Admired Companies* for 2022 as well as being included in Barron's *100 Most Sustainable Companies* for the fourth consecutive year. For more information, visit www.sonoco.com.



Locations

32 countries across the globe

Products

- Metal Packaging
- Tinsplate Aerosol Cans
- Ends & Closures
- Flexible Packaging
- Rigid Paper Containers
- Rigid Plastic Packaging
- Blister Packaging
- Tubes & Cores
- Reels & Spools
- Plastic Plugs & Endwalls
- Adhesives & Coatings
- Wood Core Plugs
- Machinery
- Uncoated Recycled Paperboard
- Temperature Assurance
- Foam Packaging
- Fast Packs
- Protection for Paper Rolls
- Returnable Dunnage
- Molded Foam Components
- Corner Posts
- Medical Packaging Solutions
- Medical Packaging Equipment
- Temperature Assurance Packaging



Services

- Graphics and Printing Management
- Market Research & Packaging Design
- Recycling Services

Key Personnel

- Howard Coker, President and CEO
- Rodger Fuller, Chief Operating Officer
- Ernest Haynes, President of Sonoco Metal Packaging
- John Florence, Jr., General Counsel and Secretary
- Rob Dillard, Chief Financial Officer
- Lisa Weeks, VP, Investor Relations and Corporate Affairs

Markets Served

- Food & Powdered Beverages
- Beauty & Personal Care
- Household
- Textiles
- Healthcare
- Constructions
- Electronics & Appliances
- Automotive



Sonoco

1 North 2nd St.
Hartsville, South Carolina 29550
1-800-377-2692
sonoco.com

Stolle Machinery

Stolle provides solutions for the high-volume production of metal efficient 2-piece D&I aerosol cans, from a single machine to a complete plant or production line. As the world's leading supplier of canmaking machinery, Stolle has unprecedented experience in providing canmakers with the machines they rely on to produce cans with maximum speed, efficiency and profitability.

Locations

Headquartered in Denver, Colorado, Stolle has manufacturing and service centers strategically located around the world to serve canmakers, including in the USA (7 facilities), Europe (3 locations), Brazil (2 locations), China (2 locations), Vietnam, India, and Jordan.

New Products

Stolle invests significantly in developing new and improved machinery that benefit canmakers and consumers. Recent developments include a new design D&I bodymaker, a modular die necker machine, and continuing innovations in can decorating technology. Stolle also offers special versions of bodymakers specially designed to produce tall, thinwall D&I aerosol cans. Stolle Global Systems designed and built the world's first high speed D&I aerosol can line for a major U.S. manufacturer – a video of this project can be seen at www.stollemachinery.com/videos/Speedcan.html.

Services Provided

A complete line of machinery for the high speed production of 2-piece cans and ends, design and construction of complete can and end plants and production lines, machine rebuilding, OEM spare parts, rapid-response field service.

Key Personnel

- Gus Reall – CEO
- Robert Gary – CCO
- Ian Scholey – CTO
- Chris McAlpine – VP of Global Systems

Markets Served

High volume manufacturers of 2-piece beer-beverage, food and aerosol cans.

Stolle Machinery
6949 S. Potomac Street
Centennial, CO
303-708-9044
stollemachinery.com



STOLLE MACHINERY



Summit Packaging

Summit Packaging Systems recently celebrated its 48th year of supplying valve systems to the aerosol packaging industry. Its commitment to fully integrated manufacturing facilities continues to position Summit as the best worldwide source for aerosol valves with the highest quality, best service, and lowest pricing.

Featured Products

Nouveau Actuator

One piece designs, to include both foam and gel product formats.

- Two piece non-MBU, for AP sprays, or other tight spray pattern products.
- Two piece MBU to provide any pattern and particle size spray that may be desired.

Bodysurf

Summit's most recent Twist & Lock actuator, the Bodysurf, brings incredible value at a competitive price! The sleek design, combined with superior grip, makes operation effortless. With both tactile and audible cues, the operating position is never in doubt. Designed for manufacture, this actuator works flawlessly over a wide range of stem to curl dimensions, allowing for broader manufacturing specifications and reducing scrap. This market tested actuator is a proven winner!

Bag-On-Valve

Summit BOV's are available in every stem diameter and shank length available to ensure proper fitment and function with both standard or custom actuators and spray-through-caps. It also has the variety of mounting cup options required for any BOV products: Tinplate laminate; tinplate, tin free steel and aluminum with lathe cut gaskets; and all the available protective coatings such as epoxy, PET, microflex, etc. The company also offers several different multilayer laminate bag constructions with either a polyethylene or polypropylene inner sealant layer to ensure package and product stability and functionality.

In addition, Summit provides the full range of R&D services, laboratory sample product filling capabilities, as well as short and long term stability and performance testing required to bring your BOV product from concept to market.

Put Summit Packaging's expanding BOV technology, highly competitive pricing, and short lead times to work for you!

Key Personnel

- John W. Lynch – Sales Manager – ext. 150
- Scott Gilroy – Vice President – ext. 138
- Kevin Verville – Technical Service Manager – ext. 157

Summit Packaging Systems
400 Gay Street
Manchester, NH 03108-5304
603-669-5410

See our ad on page 80



Nouveau



One Piece Foam



One Piece Gel



*Two Piece:
MBU or Non-MBU*



Bodysurf



BOV

Terco

Terco, Inc. is one of the leading manufacturers of aerosol filling equipment. Since 1965 and with our years of experience in over 50 countries, we have developed filling systems from 5 to 450+ cans per minute. Our system for success includes a modular design configuration and regional technical support around the world (including both sales and spare part support).

In addition to the basic filling machinery, our product line includes a full range of equipment for aerosol production including container handling, conveying systems, waterbath systems, tip placing, cap placing, puck handling, and more. From a simple laboratory set-up to a completely integrated filling line our dedicated staff has the knowledge necessary to give your filling operations the most flexible filling system available.

With the popularity of pressurized barrier systems (including piston cans and bag-valves), we offer a full range of filling solutions to meet your product needs. Systems for dairy and pharmaceutical aerosols are also offered.

Key Personnel

- Dan Ahrens - President
- Bernie Brokke - Vice President, Sales

Services Provided

Filling systems for conventional aerosol, barrier systems, container handling, actuator/cap placement, puck handling and assembly machine.

New Products

Completely automated PLC aerosol filling machine with capabilities of automated product and propellant volumes, can diameter, can height, and indexing speed changeovers.

TERCO™
...for the competitive edge



Terco, Inc.
459 Camden Drive
Bloomington, IL 60108
Phone: 630-894-8828
sales@terco.com
www.terco.com

See our ad on pages 56, 75

Tri-Pac, Inc.

Customer Focused, Quality Driven

Tri-Pac, Inc. is a turn-key Contract Development and Manufacturing (CDMO) partner for aerosols, foams, liquids, cream and gels specializing in Consumer Healthcare, Personal Care, Cosmetics, Topical OTC & Medical Devices. Headquartered in South Bend, IN, Tri-Pac is located across 3 facilities with 140,000 sq. ft. including a 60,000 sq. ft GMP manufacturing and 65,000 sq. ft Warehouse. Tri-Pac houses intrinsically safe cleanroom suites for aerosol & foam filling, tube filling and compounding. We connect our unique competencies in manufacturing, sourcing, engineering, research and development and regulatory to create products that raise quality standards, lower costs and reduce environmental impact.

Facility

- cGMP, FDA, ITAR, EPA, ITAR, Organic & Kosher Facility
- ISO 13485, ISO 22716, ISO 14001, WHO GMP Certified Systems
- Onsite Analytical & Innovation Labs w/ Rapid Microbial USP 61/62
- Cleanrooms ISO 7/8, Intrinsically Safe
- Ultra-Purified Water System with Ozone Sanitization
- OSHA, EPA, IDEM, NFPA, NEC facility compliance

Services & Technology

- Turnkey Innovation & Development including ICH Shelf Life Studies
- Method Development, Validation & Verification
- Aerosol filling (ISO 7/8) – Spray, Foam, BOV, Micro Dosing, Cleanroom Gashouse
- Liquid Filling – Liquids, Gels, Creams, Lotions, Wipes, Foams
- Tube Filling (ISO 8) – Gels, Liquids, Creams, Lotions, Pastes
- Blending & Compounding (ISO 8) – Pilot scale, Turbine, Homogenizer, Side sweep, Heating/ Cooling, Powder addition, Intrinsically safe
- Kitting, Secondary Packaging, Shrink Sleeving and Shrink Banding
- SAP ERP, SAP PPS, SAP WMS
- GMP Warehouse (3600 bin locations)

Markets Served

- Consumer Healthcare
- Medical Devices
- Over The Counter (OTC)
- Personal Care & Cosmetics
- Certified Organic
- Aerosol Sprays & Foams
- Liquids, Creams & Gels



Tri-Pac PBR1 – Compounding Suite 1



Tri-Pac Line 7 – MBC Aerosol Filling



Tri-Pac UPW RO-EDI USP Water System



Tri-Pac Line 8 – Norden Tube Filling Line

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Trivium Packaging

Trivium Packaging offers customers around the world an extensive line of infinitely sustainable metal packaging including steel and aluminum aerosol containers, threaded bottles, beverage bottles, food and specialty packaging.

Our highly skilled teams are adept at collaboration, creating scalable, effective and sustainable aerosol solutions to meet every brand's unique needs. In addition, our unwavering commitment to quality ensures our products are as consistently defect-free as they are eye-catching.

Combining value-driven innovation, award-winning design, superior quality and an unmatched level of service,

Trivium Packaging continues to exceed expectations for some of the world's most recognizable brands. We offer metal packaging solutions for a number of categories.

Categories Served:

- Beauty & Personal Care
- Beverage
- Food
- Home Care & Industrial
- Nutrition
- Consumer Health
- Paints & Coatings
- Pet Food
- Pharmaceutical
- Seafood



The Aerosol Experts

With decades of expertise in aluminum aerosol design, manufacturing and operations, no one is better at creating standout, high-quality packaging delivered on time, in full and with industry-best lead times.

A Global Reach

Trivium Packaging operates close to 60 state-of-the-art production facilities around the world, including dedicated research and development sites. At every location, we are committed to creating innovative metal packaging solutions that are designed for the products they hold, the people who use them and the planet we share.

Focus on Innovation

Our R&D Centre employs close to 100 scientists that work with our customers to define the most suitable specifications for every project – including down gauging. They also conduct rigorous testing of materials and coating. Our focus on R&D has allowed us to consistently bring new innovations to the packaging industry.

Contact Us:

Visit [TriviumPackaging.com/contact](https://www.TriviumPackaging.com/contact)

For more information on our locations, product information, or to view our latest news visit [TriviumPackaging.com](https://www.TriviumPackaging.com).

TRIVIUM

PACKAGING

