PROMACH[®] Craft Beer Solutions



ProMach is a family of best-in-class processing and packaging product brands serving other businesses of all sizes and geographies in the food, beverage, pharmaceutical, personal care, and household and industrial goods industries. ProMach is an extensive provider of solutions to maximize production line performance at every scale in the global marketplace with key applications in: Filling, Bottling & Capping, Decorative Labeling, Flexibles & Trays, Handling & Sterilizing, Labeling & Coding, Robotics & End of Line, Pharma, and Systems & Integration. ProMach's core competencies are centered around designing and manufacturing standalone machines, cellular integrated systems, complete turnkey lines, and production line digital intelligence.



Learn more about these solutions at www.ProMachCraftBeerSolutions.com

STATCO-DSI[®]
AXON[®]
P.E. LABELLERS[®]
ID TECHNOLOGY[®]

Statco-DSI.com +1 714-375-6300 Axon.com +1 919-772-8383

PELabellers.com +1 (513) 771-7374

IDTechnology.com +1 817-626-7779

RobertsPolyPro.com +1 704-588-1794



SerpaPackaging.com +1 559-651.2339

Wexxar.com +1 604-930-9300

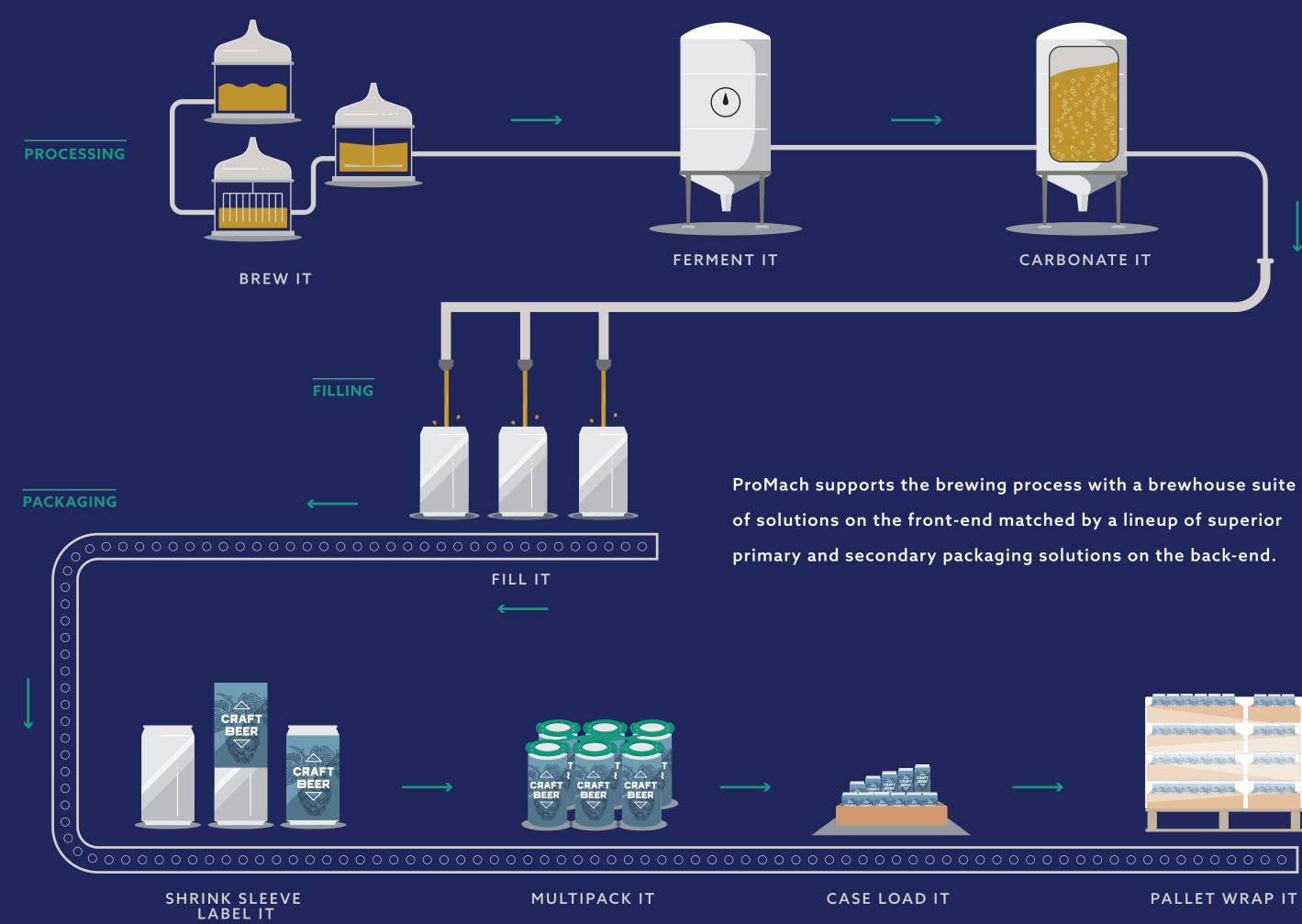
OrionPackaging.com +1 320-852-7705

CLDGraphics.com +1 800-777-1114

OFFERING BREWERS EVERYTHING NEEDED TO CRAFT THE OPTIMAL PRODUCTION LINE

BREW IT | FERMENT IT | CARBONATE IT | LABEL IT MULTIPACK IT | CASE LOAD IT | PALLET WRAP IT

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Tap into **ProMach**



| BREW IT |



At the heart of all good beers and seltzers is a proven recipe and the use of quality ingredients. Following close behind is the build out of a reliable production system that allows you to achieve process consistency at increasing volumes. That's where Statco-DSI's beverage processing solutions come in. They offer everything from complete systems in cold processing to modular process units like mixers and blenders. Their technologies deliver accurate mass transfer ratio when injecting carbonation or nitrogenation. They also add the flavors and ingredients such as hops, controlling for even distribution and dissolution. Additionally, Statco-DSI offers a unique system for craft brewers known as the Hopsys that supports dry hopping. It incorporates the unique process of introducing the hop pellet directly into the beer stream under the liquid level, which helps assure consistent wetting and minimal dissolved oxygen pickup-resulting in an overall better end-product for your customers.

|LABEL IT |

SHRINK SLEEVES

nterfeit technology, color-shifting inks, and tactile coatings. CL&D Shrink films offer many versions of PET, PVC, OPS, and White Blackout. Additional advantages of using CL&D include: research and development support, reduced inventories, bundle packs and perforations/easy-tear, and fast lead times.



BLENDING/MIXING PROCESS UNIT



SHRINK SLEEVE PRODUCTION

Craft beer production can vary from smaller seasonal to high quantity, and with this comes the need for an economical solution for labeling different can quantities. Axon's shrink sleeve applicators provide a simple, flexible alternative to directly printing on cans. It doesn't matter if you are just starting out or looking to expand your production, Axon has a shrink sleeve applicator that's right for you.

Eye-catching and vibrant beer labels help your bottles and cans stand out on the retail shelf and grab the attention of the consumer. In addition to attention grabbing graphics, accurate label placement is also important. P.E. Labellers' machines offer high precision labeling when it comes to applying pressure sensitive labels or cold glue labels from slow speeds to high speeds. Whether you need a wrap around label, a partial label front and back, and/or neck label front and back, P.E. Labellers has a label applicator to meet your needs.

Achieve high quality codes - every time - with ease of use and minimal maintenance intervention. ID Technology's Citronix continuous inkjet (CIJ) printers are the ideal solution for adding date codes to your bottles and cans. All Citronix CIJ printers feature IP55 washdown protection as standard and are built to perform in harsh environments. An alternative to printers and managing the consumable materials that go along with it, is the iCON Masca laser. Specifically designed for small character coding applications, this laser has a very competitive price point for the budget conscious brewer.

→ SHRINK SLEEVE LABELERS



SHRINK SLEEVE APPLICATOR



DECORATIVE LABELING



DATE AND BATCH CODING

Your quality, your sales, your reputation, your future - for craft brewers, it's all on the line every day.

ProMach performance flows down the line, from machine to machine, and to every customer, in every can or bottle. And with ProMach Craft Beer Solutions, you'll see how your line can deliver more for you than ever before.

| MULTIPACK IT |

 \rightarrow can handles & applicators

Make your canned beer easier to carry with sustainable multipack can handles from Roberts PolyPro. Choose from two distinct lines of can handles, each possessing unique environmentally friendly product characteristics. The Craft Pak[™] line is 100% recyclable and uses up to 30% less plastic than competitive style handles yet provide comparable can security with easier handle application and removal. The HDPE #2 handles are available in 32 standard colors and feature an open top design, so no moisture accumulates between the can top and handle, eliminating the ick factor in taste and odor. The economical Grip-Pak[™] line is made of LDPE and is biodegradable certified, meaning the plastic degrades in its entirety (100%) within 28 weeks. Grip-Pack[™] can carriers are offered in pre-cut 2-packs, 4-packs, 6-packs, and 8-packs or in reels that give customers the flexibility to create the carrier sizes they need, when they need them.

| CARTON IT |



SERPA — CARTONING, CASE PACKING & INTEGRATED SYSTEMS

One of the last components in the overall product presentation of your beverages are the carriers, which also importantly serve as a means to transport your product out the retail door. Carriers can come in all different forms including branded paper-board beverage holders and cartons for 4- and 6-packs and cases for larger 12-, 18- and 24-packs. When building out operations to be more efficient, automating the packing and sealing applications along your packaging line can pay off big time. Serpa's intermittent motion technology for beverage cartoners, for example, offers nine different configuration options to accommodate different sizes and guantities of cans and bottles to give you optimum product SKU flexibility and saves you countless manual labor hours. These machines are also designed to work seamlessly with other ProMach product brands and can be integrated into an end-of-line solution that includes case packing and palletizing.



CAN HANDLES



BEVERAGE CARTONS

| PALLET WRAP IT |

It's time to pack some beer for your outgoing orders. Depending on if the beer is in bottles or cans, it will need to be packed in cases or trays. However, those cases and trays are likely purchased as a stack of flat cardboard that still needs to be formed. Wexxar Bel offers solutions that help with just that. For the craft brewers that are expanding into further distribution opportunities but wanting to minimize the accompanying manual labor time, Wexxar Bel provides semiautomatic and fully automatic, case/tray formers and sealers. These machines accommodate a range of production volumes from low to high-speed, all built to make the bottle or can bundling process easier and faster.

| CASE PACK IT |

ORION[®] — PALLET STRETCH WRAPPERS

When stacking cases of beer together onto pallets for transport, stretch wrappers help with securing and stabilizing the product. However, not all stretch wrappers are created equal. Orion offers a wide range of stretch wrappers to support beer, seltzer, and other beverage operations of every scale-from entry level semi-automatic stretch wrapping systems, to highspeed fully automatic systems. Orion wrappers also offer a variety of features to help save brewers not only on time and labor costs, but also savings on packaging film. The S-Carriage, for example, safely pre-stretches film up to an average of 260% and delivers consistent film tension that won't crush corners. Orion pallet stretch wrapping systems offer an easy-going, smooth operation to get your full pallet of beer ready to ship out as guickly, safely, and profitably as possible.



CASE/BOX FORMING & SEALING



STRETCH WRAPPING



BREW Like A

PRO!

ProBrew offers the Craft Beer & Beverage Market Proven Processing Solutions

BEST QUALITY

As the craft beer and beverage market continues its rapid expansion, advanced systems and solutions that improve efficiency, increase yields, and save time and money have become key to a successful production facility.

ProBrew offers a wide range of beer and beverage processing equipment and technology to optimize flavor profiles and produce a quality final product. ProBrew systems and solutions range from brewhouses and cellar automation technology, to the patented ProCarb® inline carbonation technology and rotary ProFill Can fillers.







BREWHOUSE & CELLAR TANK AUTOMATION

The brewhouse and cellar is at the heart of any brewery, and ProBrew brewhouses and cellar automation are designed with efficiency in mind. ProBrew manufactures brewhouses in 2, 3 & 4-vessel designs ranging in size from 7bbl – 50bbl systems with manual to full-automated control. Cellar tank automation allows for exact and repeatable recipe management during the brewing and cellaring process.

PATENTED PROCARB® INLINE CARBONATION TECHNOLOGY

The patented ProCarb[®] inline carbonation technology is a state-of-the-art system that delivers the most accurate, consistent, easiest, and quickest in-line carbonation and nitrogenation to your beer or beverage. ProCarb[®] is based on extensive research, development, and the science of how gases like, CO_2 and N_2 are absorbed into beverages. Carbonating 400% faster than in-tank carbonation or carb stones alone, the ProCarb[®] inline carbonation technology generates a more stable product, higher yields, and overall efficiency in beer & beverage production.

PROFILL CAN

Getting your product into cans has become common practice these days, and ProBrew's line of ProFill Can fillers have made their mark across North America. ProFill Can fillers run 100 - 600 cans per minute with true-counter-pressure gravity filling technology on a monobloc design. Smooth tangential can transfer and rotary filling and seaming technology allows for less than 1% product waste and less than 30ppb dissolved oxygen pickup consistently during the filling process.

ProBrew's line of ProFill Can fillers has expanded to offer the ProFill V Series. The ProFill V Series is the all-new line of high speed volumetric, true counter pressure gravity can filling technology. The ProFill Can V Series allows for quick and easy changeover with independent, digital fill-to-volume technology meters to electronically fill can volumes at an industry low \pm 0.5% in every can with automatic, precise valve control.

OTHER ANCILLARY EQUIPMENT

The Alchemator[™] from ProBrew is the proprietary membrane dealcoholizing system that quickly and easily pulls the alcohol and water from fermented beverages. This solution allows brewers and beverage producers to create hard seltzer and nonalcoholic beverage options from recipes they have already mastered. The DA-5 & DA-10 water deaeration systems go hand-in-hand with the Alchemator to precisely add water back to the beer or fermented beverage concentrate while maintaining industry-low dissolved oxygen levels to creat the perfect nonalcoholic or low-alcohol beverage.



ProBrew, a subsidiary of TechniBlend, a ProMach product brand, is dedicated to being being the best supplier of brewery and beverage processing equipment, technology, and services to the craft market. Together with ProMach's family of brands, we remain focused on helping protect and grow the reputations of our brewers.

