

STATCO-DSI

PROCESS SYSTEMS

Engineering Solutions That Make Sense



Success is a process . . . start here

If you're looking for a partner with a wide range of expertise in sanitary processing, Statco-DSI is your clear choice.

We've built a longstanding reputation on the foundation of our company that began more than thirty five years ago. In addition to the proprietary equipment and systems we design and manufacture in-house, we represent more than one hundred manufacturers in the food, dairy, beverage, brewing, biopharm and cosmetic/personal care industries to provide start-to-finish support for our customers.

Our project engineering and design team is second to none. Your project will benefit from working with some of the most experienced and well-rounded engineers in the industry. You may hire us as an outside vendor, but you'll feel like we're on your staff because of our commitment to keeping you competitive in your marketplace. Our commitment to your success.

Put our engineered solutions to work for you.

In your back yard

From eleven offices located coast-to-coast, we've got you covered no matter where you are or what your project involves. Our broad sanitary product line consists of integrated systems and upgrades, individual components and equipment and replacement parts.



- Huntington Beach, CA
- Fontana, CA
- Stockton, CA
- Algona, WA
- Ridgefield, WA
- Salt Lake City, UT
- Plano, TX
- St. Louis, MO
- Nashville, TN
- Girard, IL
- Lancaster, PA

In your industry

If you're a manufacturer of food, dairy, beverage, brewing, biopharm and cosmetic/personal care products – we're ready to be your partner on your next project.

Food: jams/jellies, juices/purees, soy milk, mayonnaise/dressings, pie fillings, bakery ingredients, tomato and potato products, cocktail mixes and much more

Dairy: milk, ice cream, yogurt, cottage cheese, whey, coffee creamers, whipped cream and sour cream

Beverage: water, carbonated soft drinks, juices and smoothies, isotonic sports drinks, coffee and tea, brewing, distilling and wine production

Brewing: leading technology for brewery piping design, brewery process units, dry hopping, blending and dosing, Clean-In-Place (CIP), filler changeover and process automation

Biopharm: extensive experience in this highly regulated industry, including certificates for validation

Cosmetic/Personal Care: shampoo, hand lotion, wipes, toothpaste, mouthwash



Design done right . . . down the line



- Greenfield projects
- Major/minor upgrades
- Systems integration
- Process systems design
- Equipment selection
- Equipment installation
- Start-up and commissioning

If you need a component to fit into an existing line or a complete processing system – Statco-DSI can help.

Our process design engineers have walked in your shoes. We bring our hands-on experience to your project to ensure that you achieve your desired results.

No project is too big or too small. We have managed jobs for small processors up to large international accounts.

Your Statco-DSI design team will turn your vision into reality. By factoring in current equipment and capacities, we

specify the right equipment and engineer the optimal layout. Your new system will meet your performance expectations without compromising quality.

Your project design engineer stays with your project from inception through installation. All key staff is kept in the loop, ensuring that your project runs smoothly. Problems are solved efficiently and intelligently.

From processing to packaging, conveying, storage and distribution, Statco-DSI is your full-service project engineering and system design partner.



- Storage upgrades
- Process system upgrades
- Raw product receiving systems
- Mixing and blending systems
- Filling and conveying systems
- Clean-In-Place (CIP) systems

Innovative designs . . . real world results

The world of food and beverage manufacturing revolves around daily processing challenges.

Perhaps you need to find a more efficient way to sterilize your products with particulates. Maybe your caser is a bottleneck in your milk packaging line. Or could it be your outdated mixing tank is impacting product quality?

Statco-DSI manufactures proprietary equipment lines – designs inspired by our desire to help a customer . . . just like you.

Therma-Stat

Statco-DSI's Therma-Stat Direct Steam Injection ESL/Aseptic Processing Systems are built with readily available, domestically supplied components for long-term ease of maintenance and reduced downtime.

Your bottom line will benefit from these exclusive features:

- **Reduced energy usage:** product-to-product regeneration
- **Reduced environmental impact:** optimized design performance
- **Maximized production:** seamless routing to multiple destinations
- **Improved system troubleshooting:** specialized HMI screen graphics

Therma-Stat's smooth, quiet operation extends the life of your system between scheduled preventative maintenance routines. And with longer run times, reduced maintenance and reduced product loss, our ESL/Aseptic systems deliver a maximum return on your investment.

Therma-Surge

Statco-DSI's Therma-Surge valve solution allows the surge tank on the Therma-Stat to operate independently from the rest of the system to deliver optimum production efficiency.

- **Double-block-and-bleed protection:** three-zone approach
- **Production efficiency:** optical (NIR) phase detection reduces product loss
- **Quality assurance:** complete independence of CIP, sterilization and production from source system

Your product quality is ensured because all product valves can be lifted during cleaning (CIP), leaving no potentially contaminating residue behind. Therma-Surge can be installed into your existing sterilization line or as part of a complete system.



Therma-Route

Statco-DSI's Therma-Route

valve solution offers zone protection between ESL surge tanks, filler routing lines and fillers.

- **Double block-and-bleed protection:** three-zone approach
- **Thorough cleaning:** all product valves lifted during CIP
- **Quality assurance:** complete independence of CIP, sterilization and production from source system

Valve configurations can be designed to accommodate multiple surge tanks routing to multiple ESL fillers with seamless product routing capability and complete independence of CIP, sterilization and production.



Casers

Reliable Statco-DSI Casers

have a reputation for high production efficiencies, long equipment life and low cost of ownership. These compact, high speed units are some of the fastest and most economical casers on the market today.

You can rely on your Statco-DSI Caser for:

- **Ease of use:** fewer moving parts than competitive models
- **Production efficiency:** no case/no load
- **Versatility:** runs numerous sizes on one machine
- **Operator safety:** e-stop safety feature/safety enclosures with optional Category 3 Performance Level D air system

Statco-DSI manufactures our casers in-house so we can customize the units to meet your specific production needs.



Product quality and savings . . . combined

Blenzer™

If you're looking for versatility in beverage blending – Statco-DSI's **Blenzer™** blend and cleanse system is capable of continuous running of traditional carbonated soft drink products, non-carbonated products, “quasi” syrup products and single-strength products.

Turn to Blenzer for:

- **Better product yields:** no-dump start up/end of production
- **Proven blending performance:** Six Sigma beverage blend accuracy
- **Zero blender changeover time:** sequentially rinses syrup/product modules/filler
- **Water savings:** no-seal flush required for syrup/product or vacuum pumps

Available in four standard sizes, the machines range in capacity from 50 gpm up to 250 gpm.



Mixsys

Mixsys is Statco-DSI's high speed powder blending system that thoroughly incorporates wet and dry ingredients into a liquid stream. Mixsys can be used for drum unloading, product mixing and batch transfer.

Turn to Mixsys for:

- **Reduced processing time:** incorporates and wets powder faster than traditional tanks
- **Ergonomic design:** floor-level access; lightweight lid design is counter balanced for easy open and close; funnel is integrated with table for easy bag handling
- **Ease of operation:** controls within operator reach
- **Improved product quality:** eliminates unblended product because powders are better dispersed and wetted; less foam

Your Mixsys will be built to withstand the rigors of the day-to-day plant environment and perform to your specifications.



Brewing Systems



Whether you are a start-up, a well-established craft brewery or a market leading brand – you can benefit from Statco-DSI's expertise in the cold process area. Our catalog of high-quality equipment ranges from complete systems to process units to components including:

- De-aeration/carbonation/nitrogenation
- Dry hopping using HopSys technology
- Yeast management
- Blending/dosing
- Extract loss reduction modules
- Complete system design

Skidded Systems

If you're looking for a complete turnkey system, Statco-DSI is your clear choice.

From our Therma-Stat ESL/Aseptic system to our Blenzer continuous blending system – our customized skids are designed with equipment from our long list of manufacturer partners. They ship completely pre-piped, pre-wired and pre-tested – ready for installation and commissioning.

Customized skidded solutions

- Direct steam injection systems
- Indirect thermal systems
- Continuous blending systems
- Hot water sets
- HTST systems
- CIP source centers

Serve and support . . . it's what we do

When it comes to solving your dynamic production needs, Statco-DSI doesn't just stop at off-the-shelf solutions.

Our network of seasoned sanitary equipment professionals is strategically located throughout the United States. All of our machines, parts and service are backed by our commitment to quality and a technical service team to answer your questions.

Our knowledgeable team of parts sales coordinators ensures that you get what you need – when you need it.

Custom Fabrication

Statco-DSI fabrication shops are fully equipped weld and production facilities. We design and produce exceptional quality products that can meet stringent deadlines with our experienced staff of professional welders and engineers.

Our shops have the flexibility for fast track projects, including custom components and systems, quickly and for less. Customers rely on our ability to fabricate special adapters and perform custom repair work with quick turnaround.



Installation/Start Up

Not only is the crew assigned to your installation made up of skilled welders, they also understand your overall production process. With the help of our sales and engineering teams, our third-party certified sanitary process field installation crews are well prepared before stepping onto your job site.

And our after sales support doesn't stop at installation. Our field crews will assist you with start-up, making sure your equipment is performing within specifications and troubleshooting any problems that may occur. Our job isn't done until you are completely satisfied with the results.



Training

If you are bringing a new piece of equipment on line or starting up a complete system, your operators will be thoroughly trained on the features of the equipment, troubleshooting techniques and maintenance. Your Statco-DSI sales or service person will conduct this training on-site on your specific equipment, so your operators get the hands-on knowledge they need to run your line safely and efficiently.

Field Services

You can count on our 24/7/365 service to support our product lines and ensure that your equipment is performing optimally. Our experienced service technicians will service your equipment correctly with minimal downtime.

They are factory trained and certified to work on:

- Niro Soavi and Gaulin homogenizers
- Evergreen and Federal Manufacturing fillers
- Level systems
- Casers
- Packaging equipment
- Anderson Instruments' entire product line



Parts

To ensure your productivity and efficiency, we offer emergency parts 24/7/365 and emergency technical service from experienced field service technicians located nationwide. All of our branches are connected through our central computer system which allows us to view inventory at any Statco-DSI facility.





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