CUSTOM STAINLESS STEEL EQUIPMENT FOR
HOSPITAL STERILE PROCESSING
DEPARTMENTS AND HOSPITAL LABS
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TBJ, Incorporated is a worldwide leader specializing in the design and fabrication of high quality stainless steel equipment for laboratories, research facilities, hospitals and pharmaceutical companies. More than that, we’re a company with a diverse product line with a well deserved reputation for providing superior customized solutions for our customers.

Where We Began

Established in 1992, TBJ was founded by three brothers, Todd, Bryan and Jeff Campbell, and their father John. The Campbells, with a combined 75 years of experience in the medical and laboratory equipment field, set out to fill an important role in the marketplace: serving as a single source for research and healthcare professionals to turn to for standard and custom stainless steel equipment designed to meet their individual needs.

TBJ Today

Today, from its state of the art manufacturing facility located in Chambersburg, PA (20 miles from historic Gettysburg, PA), TBJ provides laboratories and hospitals with total custom solutions for their working environments. TBJ takes pride in its ability to customize processing sinks, workstations and associated equipment to meet the individual needs of its exacting customers.
Staying Ahead: Consulting & Custom Design Capabilities

We understand our customers are as varied and individual as the tasks they perform. We know hospital sterile processing departments come in different sizes, shapes and configurations. And we know different teams work differently.

That’s why we’re not in the business of selling a few off-the-shelf products for every situation. We’ve got a better way. We’ll sit down with you and your staff to gather as much detail on your work load and your equipment requirements as possible. Utilizing both AutoCAD and Solid Works 3 D design software programs, our engineers and designers will put together a proposal customized to your situation. We’ll meet with you again and fine tune the proposal and then move ahead with a plan and design that is right for you.

Your work’s too important to compromise on the safety and productivity of your people. We’re the leaders the market turns to for total quality and reliability in hospital sterile processing departments.

Contact TBJ for no cost, no obligation planning and proposals by our experienced staff.
TBJ SPD Processing Work Sinks are designed specifically for sterile processing departments for use in the manual cleaning and removal of gross bioburden from instruments and endoscopes. Our SPD work sinks are made with heavy gauge type 304 and 316 stainless steel to handle the rigorous demands of the sterile processing department. Work sinks are available in a wide variety of configurations with numerous optional features that enable you to design a custom work sink around your specific needs at an economical price.

Single Bowl Processing Work Sinks
Double Bowl Processing Work Sinks
STAINLESS STEEL PROCESSING WORK SINKS

Triple Bowl Processing Work Sinks

Four-Bowl Processing Work Sinks
Enclosed with Base Cabinets
Reduce Manual Cleaning
Our Hydro-Force pre-rinse system is integrated into our sink bowl and is designed to significantly reduce gross debris and bio-burden from instruments and devices automatically to free up your technicians for other tasks.

How It Works
The Hydro-Force system provides a combination of constantly rolling recirculated water along with non-foaming cleaning agents to provide a gentle turbulence to effectively pre-treat and greatly reduce gross debris from instruments automatically. A removable sink bowl cover is included to enclose the sink bowl during use and to provide additional work surface space.

CONTROLS AND COMPONENTS
The Hydro-Force system includes an adjustable timer for setting the cycle duration, a cycle start push-button and a power ON/OFF switch. A heavy duty stainless steel pump recirculates water through (2) stainless steel manifolds that run horizontally along each side of the sink. The manifolds are adjustable to enable the turbulence to be easily increased or decreased.

Let Us Help You Design A Sink Tailored To Your Needs
Ultra Sonic Sink Bowls
The ultrasonic sink bowl is designed for dual purpose use as a typical sink bowl and a heavy duty ultrasonic cleaner. When in the ultrasonic cycle, it utilizes a 1000 watt generator to provide the cleaning power and performance of a console style ultrasonic system integrated right in to the sink. The ultrasonic sink option saves time, labor and space.

How It Works
The 28” x 16” x 10 ½” deep sink utilizes (24) double stacked transducers bonded to the underside of the sink. An easy access control panel includes a master power switch, a cycle timer, and an ultrasonic power push-button start which activates the 1000 watt ultrasonic generator. A removable sink bowl cover is included to enclose the sink bowl during use and to provide additional work surface space.

Programmable Timer
The ultrasonic sink bowl option includes an adjustable cycle timer that enables technicians to easily set the desired ultrasonic cycle duration.

Integrated Sonic Irrigator Option
Our integrated sonic irrigator option provides an automated solution for processing tubular surgical instruments economically and efficiently.
ADJUSTABLE HEIGHT

Our ergonomic sink top height adjustment system enables users to adjust the height of the sink top to a specific level that is comfortable to their individual need. This feature helps prevent back injuries and reduce OSHA related injury claims. The typical height adjustment range is 32" to 40" or 34" to 42" however the travel range is customizable.

Let Us Help You Design A Sink Tailored To Your Needs
TBJ offers a variety of optional features for our processing work sinks that enable you to customize the sink around your specific needs. If you would like to incorporate a feature that isn’t shown here, tell us what your needs are and we can incorporate it into your design. There is no need to compromise or lower your expectations with TBJ.

**Foot Pedal Faucet Controls**
Foot pedal faucet controls provide hands free operation of hot/cold tap water faucets.

**Integrated Foaming Enzymatic Spray System**
All TBJ SPD work sinks can be equipped with an optional integrated foaming enzymatic spray system. The enzymatic solution is specially designed to create a thick, foaming enzymatic spray that quickly breaks down bio-burden thus allowing the operator to clean instruments faster and more effectively. The foam adheres to the instruments and continues to reduce and eliminate bio-burden until rinsed away. The foaming solution is more effective than typically liquid spray enzyme solutions.

**TBJ Selecta Air and Water Pistols**
The Deck Mounted Pistol Spray Gun is the ideal instrument for cleaning laboratory glassware, pipettes, syringes, catheters, cuvettes, endoscopes, cystoscopes, cannulae and a variety of other instruments as well as general rinsing and wash down of our tables and sinks.
**Removable Sink Volume Indicator**
The removable sink volume indicator can be used with new TBJ sink or with your existing sinks. For existing sinks, the indicator is customized based upon the volume (L x W x D) of your sink(s). The indicator provides accurate volume levels of water to enable accurate mixing ratios of detergents and enzymes into the sink bowl(s).

**Etched Gallon Markings**
Etched gallon markings are permanently etched into the sink bowl and enable accurate mixing ratios of detergents and enzymes into the sink bowl(s) by providing accurate volume levels of water in the sink bowl.

**Lever Handle Drains**
Lever handle drains enable water to be drained from the sink bowl remotely without reaching into contaminated water to remove a sink drain stopper thus providing a safer work environment. Lever handles can be mounted externally to the drain below the sink top or they can be deck mounted.
**Pure Water Faucets**
Deck mounted faucets for distilled, deionized or reverse osmosis water. All components in contact with water have pure tin coating. Body and gooseneck are dipped in liquid tin to coat all interior surfaces. Also available with a faucet with exterior brass casing and interior inert polypropylene lining in which pure water is only in contact with inert plastic.

**Deck Mounted Hot/Cold Spray Rinse Fixture**
Deck mounted hot and cold water spray rinse with spring action outlet for pre-rinsing of gross debris from instruments and accessories.

**Deck Mounted Hot/Cold Spray Rinse Fixture with Combination Faucet**
Deck mounted hot and cold water spray rinse with spring action outlet for pre-rinsing of gross debris from instruments and accessories with a combination hot/cold water faucet. This fixture eliminates the need for having a separate pre-rinse fixture and a separate faucet.
4-outlet Tubing Flush Manifold
The 4-outlet tubing manifold features (4) water valves with removable 10 serration outlets for flushing cold water through flexible tubing while draining through to the sink bowl. A master ON/OFF valve is included on the side of the vertical manifold riser.

Integrated Ultrasonic Tank
TBJ Ultrasonic Tanks can be integrated right into the sink top of all of our SPD work sinks. Tank capacities of 4 gallons (250 watt cleaning power), 6 gallons (500 watt cleaning power), 9 gallons (500 watt cleaning power) and 13 gallons (1000 watt cleaning power) are available. Control features include Ultrasonic ON/OFF switch, Heat ON/OFF switch, thermostat and timer. Optional instrument trays are available for each size tank.

Self-contained Steam Cleaning System
This unique system provides instantaneous super heated steam vapor which reduces the cleaning time of items such as flexible reamers, laparoscopic instruments and nearly all types of lumen and cannula instruments. Instruments can be cleaned right in the sink and vapor will go safely to drain.

Recessed Drainage Work Area
Our recessed drainage work area provides an area for rapid and positive drainage of residual water back into the sink bowl once instrument trays are removed from the sink. This feature eliminates the possibility of ponding water on the counter top or water overflowing off the edges of the sink top. The perforated work top is easily removable.

Integrated Sonic Irrigator
Our integrated Sonic Irrigator feature allows your existing sonic irrigators to be integrated into your new TBJ sink to provide improved ergonomics and a more seamless design. The irrigator can be designed to drain right into the sink drainage system.
Integral Storage Cabinets and Open Shelving
We offer a variety of built-in storage cabinets and open, adjustable shelving. Both open and enclosed cabinets can be provided and customized around your specific needs.

Deck Mounted Eye-Wash
Our deck-mounted eye wash can be integrated on any of our sinks for eye safety precautions. The eye-wash is ANSI compliant and features two spray heads with flip top protection covers.

Custom Back and Side Splashes
Backsplashes and side splashed can be customized around your specific needs. Heights and widths of splashes can be tailored around your installation needs.
**Custom Sink Bowl Sizes**
Sink bowl sizes and depths can be customized around your specific needs. Various sizes can be incorporated into the same sink top as needed.

**Heated Sink Bowl System**
Our Heated Sink Bowl System is designed to maintain or increase slightly, the temperature of hot water in the sink bowl during manual instrument soaking procedures. It will assist in maintaining water temperature at a set point that is best for maximum utilization of detergents and enzyme solutions. The system includes sink bowl heaters clad to the sink bowl, ON/OFF master power and a digital thermostat.

**Sink Undershelves**
Storage shelves located beneath the sink top is an option that is available on nearly all TBJ sinks.

**Automatic Sink Bowl Filling System**
Our Automatic Sink Bowl Filling System is designed to automatically fill the sink bowl to a pre-determined level at the push of a button. This feature enables personnel to walk away while the sink bowl fills without the fear of overflowing the sink bowl. It also enables them to work on other tasks instead of standing and monitoring the flow of water from the faucet. The system includes an ON/OFF switch, flow meter and digital fill timer control.
PREP & PACK TABLES

TBJ’s Prep and Pack Workstations are designed to meet the most demanding instrument reprocessing needs. A wide variety of designs and configurations from simple stainless steel work tables to height adjustable work tables with storage drawers designed specifically for instrument reprocessing to assist users in improved productivity, organization and instrument management. Available features include electric height adjustment, computer monitor and keyboard arms, CPU holders, power strips, magnification, adjustable shelving, peg board, task lighting, removable baskets, storage bins and drawers.

- Mobile
- Drawers
- Height Adjustable
- Custom Sizes and Features
TBJ offers a full line on ultrasonic cleaning systems that are designed to help you efficiently clean surgical instruments. Deep cleaning sonic action removes the most imbedded soils, including many that soaking and scrubbing simply cannot reach.

- Table Top
- Drop In
- Consoles
Utility Tables, Cabinets & Carts
Cabinets

TBJ manufactures a complete line of stainless steel casework designed specifically for sterile processing department AND OR areas. Cabinet styles include base cabinets, consisting of open cabinets, cupboards with hinged doors and drawers, drawer cabinets and sink cabinets. Stainless steel wall cabinets and tall floor standing cabinets for general storage and instrument storage are available in standard and custom sizes.

- Stainless Steel Base Cabinets
- Mobile Storage Cabinets
- Stainless Steel Wall Cabinets
- Stainless Steel Floor Standing Cabinets
Shelving

Fixed and adjustable shelves for general storage of sterile supplies, instrument trays and containers are available in 12” and 16” widths and lengths ranging from 24” to 120” in 4” increments. Load weights vary depending on the number of wall brackets and adjustable rails used.

- Adjustable
- Fixed

Gowning Benches

TBJ Stainless steel gowning benches are available in 9” and 12” widths and 36” through 84” lengths.
ASSOCIATED HOSPITAL PRODUCTS

**Scrub Sinks**

TBJ Scrub Sinks include all of the necessary features for your pre-surgical and post-op needs. Three standard designs are available in a single station, double station and triple station. Optional features include manual foot pedal controlled faucet or automatic electronic sensor controlled faucet for hands free operation. Additional features include thermostatic mixing valves and electronic soap dispensing.
Pass-Through Windows and Cabinets - Manual and Automatic Vertical Lift

TBJ Pass-through Windows facilitates movement of decontaminated items between the decontamination area and terminal processing areas. Two optional set-down counters, one on each side of the window can be supplied in addition to the window. Each component is available for mounting in a building wall or modular wall. Windows can be manually operated or electrical, push-button operated. Cabinet designs are available for cart pass-through requirements with door interlocks to minimize cross contamination and allow positive pressure in the clean area to be maintained.

Speciman, O.R. and Pharmacy Pass-Through Cabinets