



Webb Bio-Pharm

Specialists in BioProcessing Components

3 Slater Road, Cranston, RI 02920
Tel: 401.463.4176 / 877.932.2246
Fax: 401.463.4160
www.webbbiopharm.com

The life sciences, bio-tech, and pharmaceutical industries face thousands of challenges every day. Choosing the wrong supplier should not be one of them.

Webb Bio-Pharm

In February of 2000, Webb Bio-Pharm emerged to meet pent up demand and booming industry challenges for higher levels of process infrastructure, products and services. Backed by a half billion dollars, \$100 million dollars in inventory, and 140 years of air and liquid flow expertise, Webb Bio-Pharm meets those challenges head on, and enjoys the name it has established for itself as an industry leader. Our leading edge, process experts are dedicated exclusively to the sanitary processing industry. With more than 60 years of combined knowledge, we raise the bar of service excellence every day.

World Class Solutions

From the most complex Bioreactor through Ultra and MicroFiltration and Chromatography, we have products that can enhance system performance, maximize cleanability, maintain sterility, and reduce product hold-up volumes. We represent industry leading manufacturers and carry a full complement of sanitary processing equipment including fittings, centrifugal pumps, positive-displacement pumps, diaphragm and ball valves, hoses, gaskets, instrumentation, vessels, steam system equipment, heat exchangers, and other ancillary sanitary processing equipment. All are designed with one thing in mind: to help our customers realize world-class production facilities.

Working Together

Bio-Pharm provides creative problem solving in every sense. Our staff is trained to analyze difficult application challenges and provide real world, cost-effective solutions. We work alongside Process Engineers to design and specify vessels, heat exchangers, sampling systems, and even custom solutions to meet the requirements of our customers.

Tell Us What You Need

Got questions? Got a wish list? Call us in. Whether building a new state-of-the-art facility, retrofitting an existing lab or simply refurbishing equipment that still has work to do, Webb Bio-Pharm has the experience, capacity and dedication to overcome any process challenge, freeing you to move along on your path to discovery.



Providing vessel packages to satisfy your process is our specialty. From bare vessels through to fully-instrumented and agitated tanks...we do it all. In addition, in many cases you can do your FAT tests locally saving time and money.



Helping our customers utilize steam effectively is a key part of our business. We offer industry-leading products that control, contain, and condition steam, all from well-known, trusted manufacturers.



We specialize in the latest diaphragm valve technology from standard two-way configurations through the most complex multiport design available.



Logistical Management of your project is critical. Our extensive inventory and computer tracking systems facilitate our goal of being "on-time, every time".

QUALITY

Webb BioPharm and Webb Pump are housed in our state-of-the-art 53,000 square foot Cranston RI facility.



We work with our clients and local suppliers to develop cutting edge solutions for real-world problems. An example is this Solution-Dispensing cabinet which frees up floor space, eliminates spills and the hassle of handling chemical carboys.



Our staff understands pumps. We can size and select the right pump for your application. We have pumps, motors, and drives right in stock in Cranston; chances are we can help if you're in a bind!



Webb BioPharm understands the importance of providing the proper paperwork with every component that we supply. We are CIP9000 Certified, which is an in-house quality program designed to continually examine our processes and improve them as needed.



We have an in-house fitting inventory structured to support virtually any requirement.

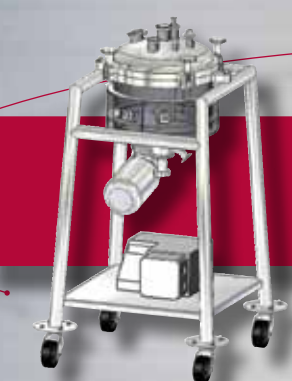
In conjunction with our sister division, Kentrol, we offer the latest in instrumentation and controls and can easily integrate your entire controls package.



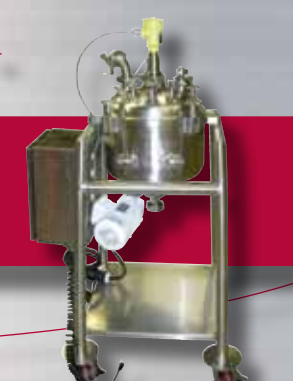
We routinely handle difficult manifold applications with manufacturers that can meet the pace of business today.



EXPERIENCE



We can take your conceptual design to completion. Your imagination becomes reality with Webb BioPharm.



Webb BioPharm works to support the construction and maintenance of world-class facilities every day.



SANITARY PUMP REPAIR AND TESTING



Our in-house testing shop can re-validate your pump curves after reworking or repair. We can often bring your pump back to life after a serious crash, and our testing insures that it will perform as it did when new.



Before rework

Returning a pump to its original tolerances is a challenge that we meet every day. We can rebuild your pump from top to bottom, including complete gear cases.



Our Service Department has two service trucks that are fully equipped with everything to get the job done in the field. Our technicians travel with a full complement of tooling and instrumentation to save time and money.

- Factory-authorized Alfa Laval Pump SuperCenter, with three factory-trained technicians to service Alfa Sanitary Pumps and Valves
- Complete inventory of both Positive Displacement and Centrifugal pumps for off-the-shelf deliveries
- Fully-equipped service trucks including lifting cranes for loading of the largest PD pumps
- Dedicated tooling maintained exclusively for sanitary pump work
- Environmentally-conditioned workspace reduces pump contamination
- Complete, permanently-installed De-Ionized water testing loop, including 25Hp gearmotor and VFD to handle the largest pumps. Digital flowmeters and pressure transmitters insure accuracy when validating pump curves

CAPABILITIES INCLUDE:

- Remachining of "crashed" pumps
- Mechanical and Electropolishing of components
- Ability to cut rotors on centrifugal pumps to meet flow requirements
- Rebuilding of motors including bearing replacement
- Wiring of pump controls
- Sand-blasting and paint booth for reconditioning motors and gears
- Complete pressure and flow-testing of rebuilt pumps to CIP9000 standards
- Laser-Alignment of pumps and motors both in-house and in the field along with a complete electronic report of final alignment
- Variable-Frequency Drive troubleshooting and set-up in the field
- Ability to repair and recondition virtually any manufacturer's pumps in house
- Construction of standard and custom pump bases along with pump mounting in-house
- More than 27 years of pump rebuilding and field-troubleshooting experience between our three service technicians

HOSE FABRICATION

WEBB'S HOSE FABRICATION FACILITIES can cut, assemble, crimp, and test up to and including 6" diameter hose assemblies for a wide range of industry. Our hose fabrication shops include the following state-of-the art equipment and capabilities:

- Fully-automated FinnPower FP160 machine that creates 350 tons of crimping force
- 1 1/4" Gates Hydraulic hose fabrication machine
- 2" Gates Hydraulic hose fabrication machine
- Pneumatic test stands
- 18' long stainless steel Hydrostatic testing tank with 16 megohm de-ionized water source and clean nitrogen testing source
- Epilog laser marking system for precision marking of hose collars
- Bagging and heat shrinking equipment available to protect completed assemblies upon request
- MIG welding, TIG welding, brazing, plasma cutting, and soldering capabilities
- Sandblasting, painting, and in-house machining equipment

Our fabrication processes are part of our CIP9000 internally-audited Continuous Improvement Process. Training of our personnel is documented and we can provide copies of our fabrication and testing procedures on request.



HIGH PURITY HOSE

Life Sciences • Semiconductor • Food • Beverage • Dairy

Our shop in Cranston, RI is housed in a 2000 sq. ft. climate controlled suite that specializes in the manufacture of high-purity hose assemblies. We maintain full material traceability on all product-contact metal components and can provide complete documentation packages to meet your specific requirements. Our hose inventories include materials that meet USP Class VI, FDA, and other relevant standards. In addition, our Epilog Laser allows us to fully label your hose with virtually any data: Complete part numbers, serial numbers, intended use, in-service date, your logo—almost anything is possible!



About FW Webb:

Since 1866, F. W. Webb Company has serviced its customers in New England and New York. Currently, the Webb network operates in seven states and has over 65 locations. Webb offers a complete array of Plumbing, Hydraulics, HVAC, Refrigeration, LP Gas Products, Biotech, Pumps, Valve Automation and Pipe, Valves & Fittings.

F.W. Webb's core function is distribution. Our systems employ the very latest leading edge technologies; our 408,000 sq. ft Central Distribution Center in Amherst, NH replenishes branches daily using our fleet of over 200 trucks. Our Pipe Depot in Central MA delivers 40 tons of carbon, stainless steel pipe and copper tubing to our branches and contractors daily. F. W. Webb's mission statement proudly declares "by constantly and consistently improving customer service, we 'delight' our customer."



Webb Bio-Pharm

Specialists in Bioprocessing Components