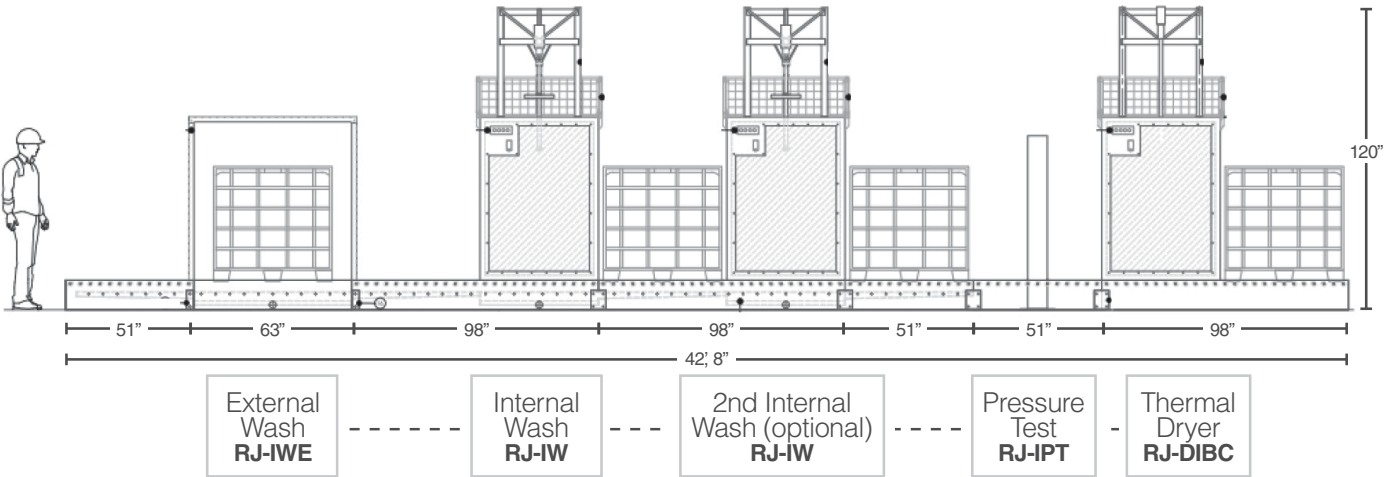


Order Guide & Options:

Configure Your IBC Reconditioning System Using this Worksheet:



The above diagram shows a typical reconditioning system, and can help you choose the modules and quantities you need.

Wash Agent: ☐ Water (standard) ☐ Detergent ☐ Caustic ☐ Solvent **Volume:** _____ ☐ /hour ☐ /day

Qty. Model Descriptions & Options:

	RJ-IWE - External Wash: SS turntable for easy rotation, SS canopy, SS drip tray w/2" valve, 1740 psi pump for external pressure washer, coarse filtration included.
	<input type="radio"/> Ambient Temperature (standard) Heating Options: <input type="radio"/> Diesel Fired <input type="radio"/> Electric
	<input type="checkbox"/> Optional Filtration and 132 gal Recirculation Tank
	RJ-IW - Internal Wash: pencil jets w/360° rotation on X and Y axes, electric driven wash head fitted.
	<input type="radio"/> Ambient Temperature (standard) Heating Options: <input type="radio"/> Diesel Fired <input type="radio"/> Electric
	<input type="checkbox"/> Optional valve for 2-stage wash within one unit
	<input type="checkbox"/> Optional Filtration and 132 gal Recirculation Tank
	RJ-IPT - Pressure Tester: control, pressure tester unit, SS base and drip tray, polypropylene roller track, painted carbon steel bracket.
	RJ-DIBC - Thermal Dryer: high volume air blower lowered into vessel via pneumatic cylinder, recirculated via heat exchanger.

Other Options: we can incorporate various automation to your process, such as closed-loop process tanks, wash agent collection and filtration, caustic drying or solvent recycling (if applicable), fully automatic roller track, other control and power options, pumps, ATEX compliant pipework, layout, and more. Your PRI representative will be able to assist in incorporating any of these options into your project.



Plastic Recycling: we also offer full-scale plastic recycling systems - a great solution for any IBCs which are unable to be reconditioned. Systems can include grinding, separation, wash, rinse, drying, granulation, and dispensing.

IBC Filling: if you are re-filling your IBCs with new product, we can also incorporate a gravimetric filling station directly into your system.



Solvent Recovery & Wash | Biowaste Sterilization | Custom Process Skids | Service

700 Industrial Drive, Dupo IL 62239, (618) 286-5000, www.prisystems.com

IBC-Bro-20190819



IBC Reconditioning System









Over
120
IBCs in
8 hours!

Modular Design. Fast, Easy Operation.

About the RotaJet IBC Reconditioning System:

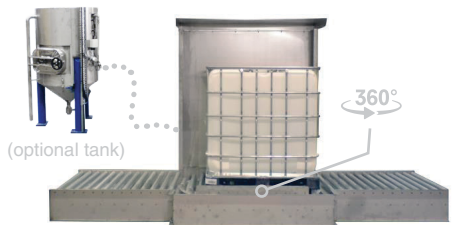
The RotaJet IBC Reconditioning System is designed to adapt to your individual requirements. With separate components connected by a roller track conveyor system, you can easily add multiple components or exclude others, to design a system that meets your exact needs. In most applications, a full reconditioning system consists of five stages: external wash, internal wash, rinse, leak detection, and drying.

-  **Modular Design:** fully configurable for your specific requirements, including wash agent.
-  **Easy Operation:** with little training, can be operated by only one to two employees.
-  **Consistent Output:** repeatable, consistently clean, dry ready-to-use IBCs every time.
-  **High Speed:** can deliver a fresh IBC every 5 minutes, depending upon configuration.
-  **Durable, Reliable:** simple industrial design requires minimal maintenance.
-  **Safe for Employees:** reduces exposure to hazardous chemicals versus manual washing.

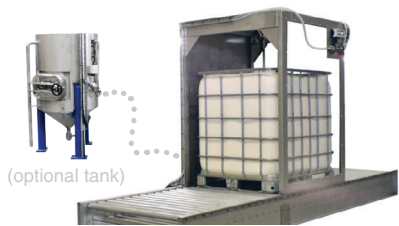
Can deliver
an IBC every
5 minutes!



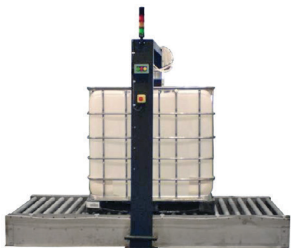
Scan here to
watch a video of
the RJ-IW system
in action!



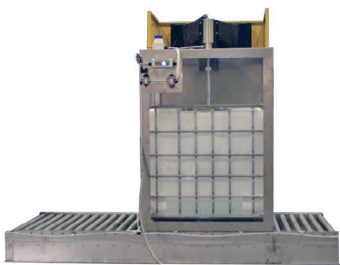
Pressure	1740 psi
Flow Rate	3 gal/min
Power	2.8 kW



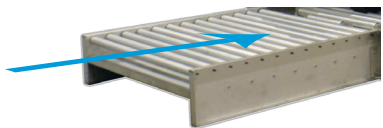
Pressure	2610 psi
Flow Rate	3 gal/min
Power	2.8 kW
Cycle Time	2 - 5 min



Fill Time	30 sec
Test Time	90 sec
Test Pressure	30mB
Safe Pressure	10 mB
Min. Final Pressure	85%



Power	3.7 kW
Operating Temp.	266° F
Air Volume	53 - 238 gal/min
Pressure	0.15 psi (or 1kPa)



RJ-IWE - External Wash *(manual)*

External washing station allows for manual positioning and washing of IBCs using a hand-held power wash spray wand. IBCs are simply rolled onto the washing platform, allowing 360° rotation while washing. This stage allows removal of all external labels and stubborn stains, and is particularly important for reconditioning companies.

Using a 2.8 kW pump, water is delivered to the outside of the IBC at 1740 psi, and collected in the basin beneath. A 130 gal recirculation tank and/or heating can be added if desired, allowing wash solution to be filtered and reused.

RJ-IWI - Internal Wash

High pressure internal washer that removes contaminants from the inside of the IBC. Typically a full IBC line may include one or more RJ-IW units, one for wash (using caustic, detergent, or solvent) and another for fresh water rinse afterward.

The RJ-IW is designed for cleaning with water as standard, but can be piped with chemical addition if a secondary wash agent is desired within the same unit.

To ensure complete coverage, an electrically-driven, high pressure nozzle is used. The nozzle is fitted with pencil jets which rotate 360° on the X and Y axis, delivered at 2600 psi, with a flow rate of 3 gal/min. A 130 gal recirculation tank and/or heating can be added if desired, allowing wash solution to be filtered and reused.

RJ-IPT - Pressure Tester

A single head leak tester, mounted on a carbon steel frame.

Test sequence is initiated from a "START" button. System will automatically perform the leak test, displaying the results on the operator control panel. To increase efficiency, a traffic light system can be installed to provide quick reference on each container's status for employees.

For accurate data logging, all tests are stored with a time stamp on a removable USB stick, found in the operator panel. The unit also features a "self test" mode which introduces a leak of a known size into a good container to verify proper operation.

RJ-DIBC - Internal Thermal Drying

High volume air blower which is lowered by the operator into the container via pneumatic cylinder. Once the drying cycle starts, the high volume blower transfers air into the container. To increase efficiency, the expelled air is channeled into a heat exchanger and reused. This recirculation allows the system to rapidly heat the air to 266° F, which dries the IBC in approximately 5 minutes.

To increase throughput, a second drying stage may be added.

Fully Automatic Roller Track Extensions *(optional)*

In a standard arrangement, IBCs are manually moved between stations. As a separate option, the roller track can be designed as an electrically-driven system where IBCs move from station to station automatically upon completion of each cycle.