



Bucket Washers

Our custom-built bucket washers clean ink containers (quarts to 5 gallon) so they can be reused, eliminating hazardous waste issues and costly container purchases. No towels are needed!

- Simultaneously cleans inside and outside surfaces.
- Recirculates chemical for optimum use.
- Patented chemical applicator and spray arms.
- Non-clogging, washable filtration.
- Automatic shut-off safety feature.
- Optional venting system.



Squeegee Washers

Effective removal of all types of inks, epoxies, cover coats, and thermo plastics. Our standard unit washes 12 sets of squeegee and flood bars within a one- to two-minute cycle. Presoaks up to 24 pieces at the same time.

- High-volume spray system.
- Protected holder won't nick flood bars or squeegees.
- Washable stainless steel filtration. Drip tray.
- Safety switch automatically shuts off when cycle is finished.
- Optional venting system.
- Optional V-profile squeegee and flood bar rack.



Screen Dryers

Provide heat controlled drying for optimum screen curing. Fully dries screens even in the most humid environments. 100% stainless steel construction will not rust and ensures uniform cabinet temperature is maintained.

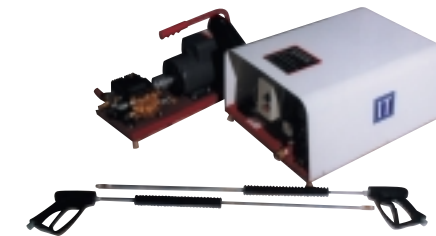
- Drying time and temperature can be set manually or automatically.
- Electrically controlled heat and humidity monitors.
- Louvered ducts deliver air exchange at all times.
- Magnetic gasket seal secures doors to prevent air leakage.
- HEPA air filtration system prevents contamination during the drying process.
- Electrostatic air filtration available.
- Conveyorized units available.



WT-500 Water Treatment

Image Technology's Wastewater Treatment system is a continuous flow unit capable of handling different flow rates of wastewater containing plastisol and water based inks and also treat suspended solids, oil and grease, B.O.D. and C.O.D. and heavy metals that are contained in this effluent. The design allows flexibility in the process depending upon the quality of water to be treated. The basic principle of the system is the charge destabilization of the contaminants dissolved in the water in order to agglomerate them for their latter precipitation. The steps required for this process are known as coagulation/flocculation/sedimentation. After this treatment, the water is polished using fine filtration and granulated, activated carbon to absorb organic pollutants left in the water. The sludge generated is further treated and dewatered using a filter press.

- Water analysis and consultation available.



Pressure Washers

Under the U.S. Design for the Environment study, use of a high-pressure water blaster (3,000 psi) limits the need for ink removal chemicals, achieving source reduction. Three models available:

3000 PSI – Triplex plunger pump with ceramic plungers for smooth, long-life performance. Built-in water circulating system protects the pump from damage. Electric motor features adjustable pressure, GFI protection—7.5 h.p.

2000 PSI and 1500 PSI models also available. The 2000 PSI unit is an enclosed cart with wheels.

Patents pending on all equipment.



Washout Sinks

Provides a contained area for removal of ink and emulsion, minimizing the potential solvent loss associated with open-area reclaiming.

- Unique design prevents back splash.
- Built-in frame holder, frame rack, and washer gun holder.
- Can be used for chemical recirculating systems.
- Options include back light, filtration and ventilation system, and chemical spray system.



Chemical Recirculation Unit

Used in ink removal to filter contaminants from the cleaning solution so that the filtered solution can be reapplied to future screens. This recycling approach minimizes solvent usage and unnecessary chemical disposal.

Filtration System

Effectively filters out particulates, pigments, emulsion, and other waste products offering opportunity for pollution prevention through filtration.

- 5-micron, 3-ply filtering system—two stainless steel mesh, one paper.
- Manual or automatic paper feed.

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Equipment



Solutions

Technology teamed with safety for today's environment.




Image Technology Inc.

The introduction of automatic washing systems has greatly increased productivity among all sizes of screen printing facilities. In addition, the recirculating option of the equipment means a reduction in chemical use, lowering chemical purchasing costs and disposal costs. By reducing screen handling, machine methods increase mesh life while decreasing labor expense. With all these benefits, now is the time to consider automation.

Image Technology started manufacturing biodegradable chemicals for the screen printing industry in 1987. Several years later our industry expertise was expanded to include cleaning equipment. Today, we offer a full line of custom-built equipment designed to increase productivity while reducing hazardous waste and eliminating employee exposure to solvent vapor.

Our custom built, time-tested equipment features:

- Chemical-resistant stainless steel construction.
- Built-in safety features such as automatic shut-off.
- Explosion proof motors and controllers.
- OSHA compliant.
- UL listing available on all models. 
- Performance guarantee.

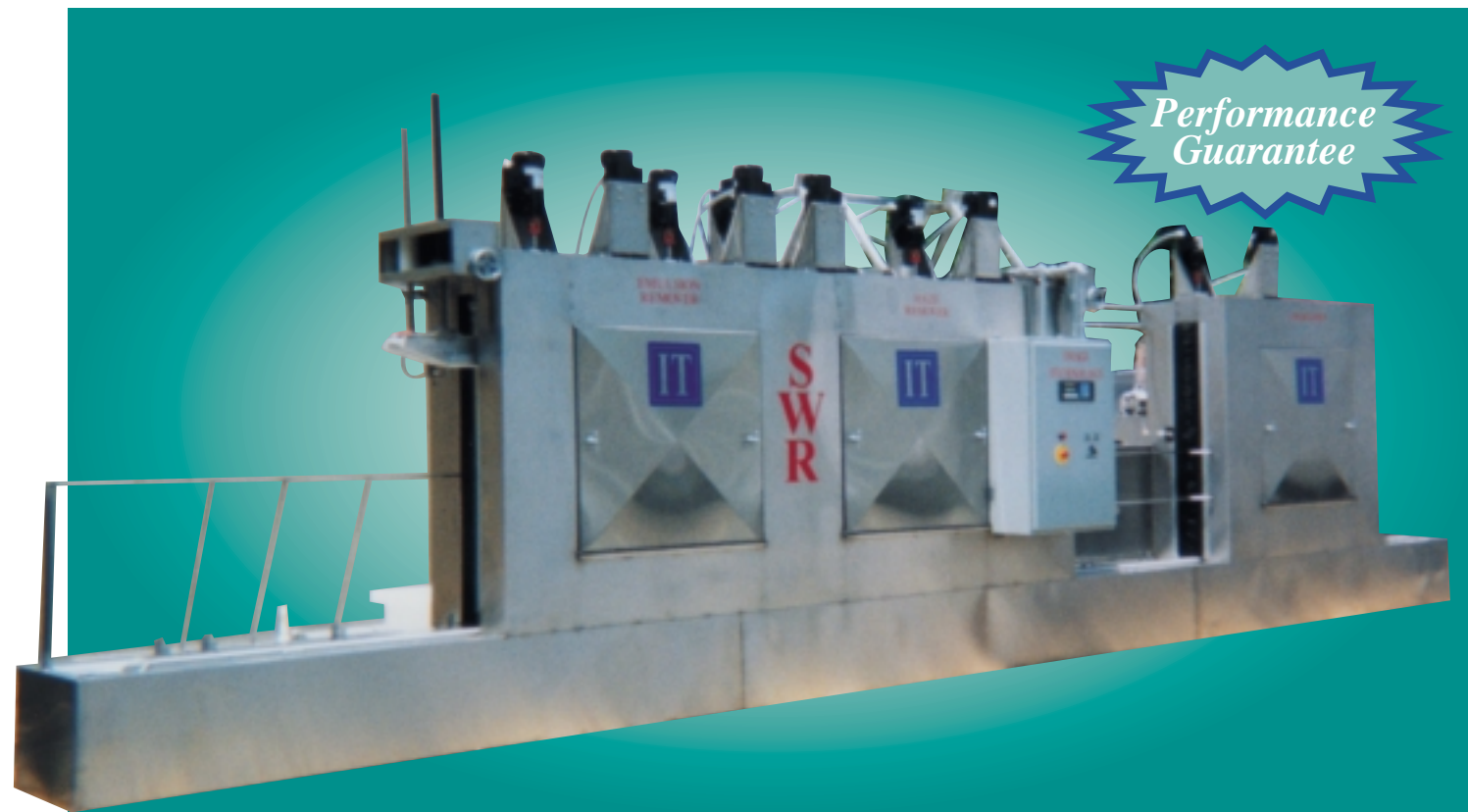
Ask your Image Technology representative to show you how you can minimize costs by updating your screen reclamation process today.

Improves efficiency

*Reduces chemical waste
Safer for employees and the environment*

Environmentally safe

To complement our equipment line, Image Technology manufacturers a full line of biodegradable, non-flammable, non-hazardous chemicals. Ask your Image Technology representative for a brochure outlining the features of these products.



Automatic Reclamation Machines

S.W.R. Conveyorized Reclamation Machine

Our one-step, conveyerized Screen Washing/Reclamation Machines pay their way by significantly reducing labor costs, eliminating the need for rags and brushes, and minimizing screen damage from manual cleaning.

Not only will these automatic systems clean screens faster, increasing productivity, screens consistently come out cleaner.

- **Complete system** removes ink and emulsion, dehaizes, degreases and dries screen.
- **Fully enclosed** cleaning area minimizes occupational exposure to chemicals. Keeps water and moisture contained for a cleaner working environment.
- **Built-in exhaust system** ventilates unit after each cycle, reducing atomization within the screen department.
- **Cartridge configurations** available to handle multiple screen sizes.
- **Recirculation feature** (optional) lowers chemical use and unnecessary disposal.
- **Programmable**, microprocessor-controlled conveyor system provides optimum control.
- **Fully integrated** operational system in all configurations.
- **Complies** with all national and state electrical codes, California Safety Codes and OSHA standards.



S.R. Reclamation Unit

This versatile, non-conveyerized economical unit has many of the same features as our S.W.R. machine and can be used to remove emulsion, dehaize or degrease. Available in side-loading and top-loading models.

- Optional chemical application system.
- Compact unit designed for facilities with limited space.

Ink Washers

Image Technology screen washers ensure ink is thoroughly removed from mesh and frame without harsh chemicals, abrasive scrubbing or excessive handling so screens last longer.

- Eliminates haze removal process—lowers labor costs!
- Adjustable cycle time with automatic shut-off safety feature.
- Stainless steel, wide area non-clogging, washable filtration eliminates the need for replacement filters or filter bags.
- High-volume, non-clogging spray arms remove ink from both sides of the screen.
- Special presoak section uses recirculated chemicals to initiate ink breakdown, accelerating the washing process.
- Automatic venting.
- Complies with all national and state electrical codes, California Safety Codes and OSHA standards.



Choose the size and speed that fits your production needs.

SW-50*

- This economical top-loading unit is ideal for small facilities. Will wash screens up to 23" x 31".
- 110 Volt, 20 Amps
- 2 h.p. T.E.F.C. motor, single phase. Optional 3-phase, explosion proof motor.
- Drip tray.

SW-100*

- This efficient ink washer will wash screens up to 33" x 44". Cleans up to 80 screens per hour.
- 5-7 h.p. explosion proof, 3-phase motor.
- Drip tray.



SW-200*

- This high-volume, side-loading unit cleans two or more screens per cycle, up to 100 screens per hour. Maximum screen size 50" x 50".
- 7.5-10 h.p. explosion proof, 3-phase motor.
- Drip tray.

*** Optional features:** squeegee and flood bar rack, liquid solid filtration, baffle recovery systems, explosion proof control box, automatic transfer system for removal of sludge and chemicals without operator contact.

Custom units built for any screen size.

To view our Ink Washer demo video, visit www.imagetechnology.com

