



Progressive Recovery, Inc.

Automated Parts Washers

In-Process Recovery | Distillation Technologies | Automated Wash



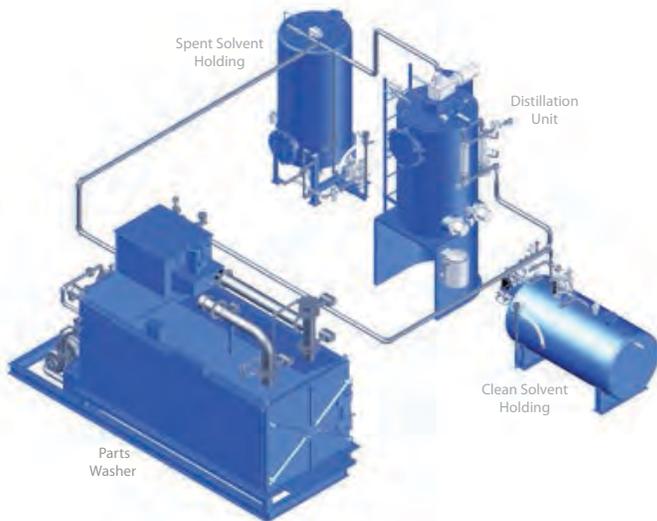


Why Automated Wash?

An automated press parts washing system can be an excellent addition to most printing operations. Adding an automated wash system can speed up the cleaning process, greatly increasing availability of needed parts, and reducing operation downtime. Automated parts washers also free-up manual labor resources for more important operational tasks, and reduce human exposure to dangerous solvents.

Other benefits include:

- reduces facility liability against facility fires or explosions associated with flammable cleaning solvents
- reduces solvent cost and storage
- reduces critical press parts storage- available clean parts
- advanced dry and vapor recovery technology provides maximum solvent recovery
- automatically washes, rinses and dries parts



In-Process Recovery

Our wash systems are often incorporated into complete turn-key solvent recovery and recycling systems, using a closed-loop process. In this process, spent solvent is collected and fed into a distillation unit, where the contaminants can be separated from the reusable solvent. Contaminants are discarded and reusable solvent is automatically fed back through the press.



Secure Locking Door:

- six-point, uniform, marine-style access for strength
- ensures containment of solvents, liquids and vapors
- single piece of machined stainless steel prevents warpage
- high tensile plate provides long service life
- six point wedge design ensures uniform loading on the sealing face
- each wedge arm is individually adjustable at the pressure point to further control the seal
- dual support arm hinge allows simple opening and closing
- hinge has adjustable positioning, allowing for fine tuning

High Pressure Enclosed Design:

- multiple strainer system to extract large particulate and allow the pump to provide a high pressure wash
- wash solution directed through oscillating headers at high intensity
- rinse, dry, recovery and exhaust cycles to thoroughly complete the wash sequence
- SWS-300 and SWS-400 parts carts may be custom designed for press widths and part configurations
- high pressure wash pump delivers solvent at 100 psig

SWS-300

The SWS-300 is our standard wash system, offering the most economic solution to meet your needs, and is available in three configurations. For installations where digging a pit is not feasible, the 300-NP series can be skid mounted and set into place, saving time and money. The 300-D series offers the ability to wash using a detergent and water solution in lieu of other wash solvents.



SWS-300

SWS 300 Series	
Flammable Wash Solvent	✓
Safe Combustible Wash Solvent	✓
Detergent & Water Wash Only	300D
Pit (door at floor level)	✓
No Pit (door raised above floor)	300NP
Door Opening Size	4' x 4'
Chamber Lengths	6' to 14'

SWS-400

As an upgrade to the SWS-300 system, the SWS-400 is engineered to provide the shortest wash cycle times. By placing a high volume sump under the wash chamber, the SWS-400 series can run multiple wash loads before contaminated solvent is purged and sump is replenished with clean solvent.



SWS-300-NP

SWS 400 Series	
Flammable Wash Solvent	✓
Safe Combustible Wash Solvent	✓
High Volume Sump for Faster Cycles	✓
Pit (door at floor level)	✓
Door Opening Size	4' x 4'
Chamber Lengths	6' to 14'



SWS-400

SWS-500

The SWS-500 is made for applications requiring space for larger parts or a higher volume of parts. SWS-500 are available with an external wash solvent tank (like SWS-300) or with an integrated high volume sump in the wash chamber for quicker wash times (like SWS-400). The SWS-500 are available in configurations that can clean with aqueous, flammable or "safe" combustible wash solvent.



SWS-500

SWS 500 Series	
Flammable Wash Solvent	✓
Safe Combustible Wash Solvent	✓
Water-Based Cleaner	✓
Pit (door at floor level)	✓
Door Opening Size	5' x 5'
Chamber Lengths	8' to 14'

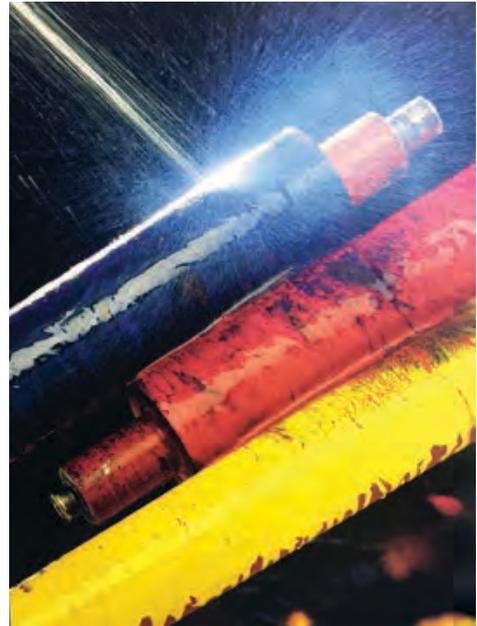


Heated Cleaning Solution for Ink Removal

PRI offers a proprietary cleaning solvent called HCS™, available for your wash and distillation system needs. HCS™ is formulated for exclusive use in PRI's automated, closed-loop, safety engineered parts wash systems to effectively remove both water-based and solvent-based inks and coatings. HCS™ has several unique physical and chemical properties that make it extremely effective at cleaning and stripping of dried and hard cured residues from application machinery.

- **Non-Flammable:** combustible liquid with flash point greater than 140° F.
- **Low Volatility:** significantly reduces emissions for VOC (Volatile Organic Compounds) and is not subject to significant evaporative loss of materials during use.
- **Low Toxicity:** does not contain chlorinated hydrocarbons or corrosive agents, caustics or acids.
- **Recyclable:** may be regenerated by vacuum assisted distillation without loss of cleaning properties.

To learn more about HCS™ or to place an order, please contact us at (800) 732-3793 or email sales@progressive-recovery.com.



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