



Pressroom Chemistry



www.towerproducts.com • 800.527.8626

Fountain Solutions • Alcohol Replacements • Roller & Blanket Washes • Specialty Washes • Low VOC Washes • Pressroom Specialties



Excellence in Pressroom Chemistry

Tower Products, Inc. is the recognized industry leader in supplying printers with pressroom chemistry aimed at increasing worker safety and environmental compliance. All Tower products are guaranteed to perform in your pressroom or your money back! And, expert technical support and friendly customer service are just an 800 phone call away!

Tower is the right choice for all your pressroom chemistry needs. From patented low VOC washes to world class fountain solutions, we manufacture a complete line of products to meet every printing requirement, all at competitive prices!

Tower Products, Inc. is independently owned and operated - and, our attitude reflects it. With innovative products and superior technical service, Tower is here to help you meet the technical challenges in your pressroom!



SHEETFED FOUNTAIN SOLUTIONS

MILLENNIUM SF *Our #1 Selling Fountain Solution!*

Advanced Technology Sheetfed Fountain Solution

MILLENNIUM SF is a high technology fountain solution formulated to run well with difficult dampening systems, especially the Alcolor dampener. In conjunction with our outstanding alcohol replacements, MILLENNIUM SF allows the printer to reduce roller speeds and thereby decrease ink consumption.



MILLENNIUM 1000 *Best In Class Technology!*

Premium, One-Step Fountain Solution

MILLENNIUM 1000 is a premium one-step fountain solution that does not require the addition of alcohol or alcohol substitutes to the fountain. It is formulated to run metal plates on all types of dampening systems. The product can effectively replace traditional one step products in most applications at a lower dosage.

MILLENNIUM 2000

One-Step Fountain Solution

MILLENNIUM 2000 is a one-step sheetfed fountain solution specifically designed for the reverse nip dampeners normally found on Komori presses. At a low dosage it provides an excellent print window and will not allow ink to build up on the back cylinders.

MILLENNIUM 3000

Premium, Low Voc One-Step Fountain Solution

Millennium 3000 is a premium, low solvent content, one-step fountain solution that does not require the addition of alcohol or alcohol substitutes to the fountain. The product helps to prevent counter etching when metallic inks are used on press and keeps the chrome rollers extremely clean.

MILLENNIUM 7000

Sheetfed Fountain Solution with Calcium Control

MILLENNIUM 7000 is a high technology fountain solution formulated to run well with difficult integrated dampening systems. The product has a unique buffering system that helps to prevent calcium deposits. In conjunction with AR 7500, it allows the printer to reduce water roller speeds and obtain the best possible ink/water balance. MILLENNIUM 7000 does not contain any HAP's and is free of VOC's. It is compatible with UV, Hybrid, Metallic and conventional inks since it does not contain any glycol materials. A higher pH version of this product is available as **MILLENNIUM 8000**.

MILLENNIUM SILVER

Polyester and Laser Plate Fountain Solution

Designed for printers using polyester and laser plates.

WEB FOUNTAIN SOLUTIONS

MILLENNIUM DGT

One-Step CTP Web Fountain Solution

MILLENNIUM DGT is a one-step fountain solution designed for web presses utilizing CTP technology. The product features a unique wetting technology and strong buffering system and will work on both brush and integrated dampening systems.

MILLENNIUM HSW-100

High Speed, Heatset Web Fountain Solution

MILLENNIUM HSW-100 is a one-step fountain solution for heatset web presses running at high speeds. The product has a strong buffering system and will work well in various types of dampening systems to provide fast, clean restarts. Formulated specifically for new high speed heatset web presses. A version of this product with additional non-piling additive is available as **MILLENNIUM HSW-200**.

NEWSPAPER/COLD SET FOUNTAIN SOLUTIONS

PREMIER NEUTRAL

Premium Neutral Fountain Solution

PREMIER NEUTRAL is the state of the art in neutral fountain solutions. The product's unique wetting agent package promotes lower ink emulsification, which results in bolder solids and brilliant colors.

PREMIER NEUTRAL is the ultimate technology for spray bar systems, since the product's dual biocide system continually cleans the dampening system.

PREMIER NEWS MA

High Technology, Mild Acid Fountain Solution

With the increasing color and print quality demands of advertisers, newspaper and cold web commercial printers have been looking for a way to produce higher quality lithographic printing. PREMIER NEWS MA was formulated for this purpose. Combining the use of commercial acid fountain solution technology with our neutral technology, we have developed a product that reduces start up waste and prints a sharp and brilliant dot.

PREMIER NEWS 145 MA FOUNTAIN SOLUTION

One Ounce, Mild Acid Fountain Solution

Premier News 145 MA is a low dosage, high technology, mild acid fountain for today's demanding web printer. The product contains a unique wetting agent package that results in bold solids and brilliant colors at even at one ounce per gallon dosage!

ALCOHOL REPLACEMENT

AR-7500

High Technology Alcohol Replacement

AR-7500 is a high technology alcohol substitute designed to increase the viscosity of water when used in continuous dampening systems. The product does not contain any HAP's and will not damage unbaked CTP plates. When used with Tower fountain solutions, it provides the optimum ink water balance for outstanding press performance. When used with MILLENNIUM 7000, it provides an outstanding solution for UV printing and printing on non-porous substrates like plastic.

DYNAMIC ARP

New Generation Alcohol Replacement

DYNAMIC ARP is designed and formulated to dramatically lower the surface tension of the press ready fountain solution. A superb wetting agent and water conditioner, DYNAMIC ARP can be used at lower dosage ratios versus traditional alcohol replacements. When used in combination with our fountain solutions, it is highly effective on difficult to run dampening systems.

CONVENTIONAL PRESS WASHES

COLORKLEEN

Outstanding, powerful water miscible wash with a citrus scent.



I.P. WASH *Our #1 Selling Product!*
Economy Low Odor Water Miscible Wash

“A premium product at an economical price” gives the best description of I.P. WASH. This highly effective, water miscible wash will quickly remove ink and varnish with a light pleasant odor and plenty of cleaning punch. It can be mixed with water up to 30% for even more economy.

INFINITY WASH HMK-1 WM *Best In Class Technology!*

FOGRA Approved Auto Wash

INFINITY WASH HMK-1 WM has passed the rigorous testing of the German testing agency FOGRA. The product is approved for use in the sheetfed auto wash systems of Heidelberg, MAN Roland and KBA. The product is water miscible and aromatic free with a very low odor. INFINITY WASH HMK-1 WM also features a high flashpoint of 147 degrees F.

PRESSTO! 123

Fast drying press wash with excellent cleaning power.

SHORTSTOP

Powerful water miscible wash with great cleaning power and a mild odor.

SPEEDY WASH

Our best selling fast drying small press wash.

STAR WASH

Strong water miscible wash with a high flashpoint.

TECH WASH IF

Our standard water miscible wash for hand wash and automatic units.

WASH 4550

Low Odor, Economy Water Miscible Wash

Wash 4550 is an outstanding, low odor water miscible wash that provides a great value for today's printer. The product features a controlled drying speed and good cutting power.

WASH 6800

A premium, high flashpoint water miscible wash with a low odor.

W.O.W.-Exempt-WM

Low odor, moderate strength water miscible wash.

W.O.W. Oxy Dry 1149

Automatic Wash approved for use in Oxy-Dry and Goss automatic systems.

UV/EB PRESS WASHES

396 UV/EB WASH

Strong UV Wash for use with nitrile, PVC and non-EPDM roller compounds.



CALIFORNIA UV WASH
UV/EB Wash for EPDM Compounds

CALIFORNIA UV WASH is specially formulated to work with EPDM roller and blanket compounds. The product does not contain any petroleum hydrocarbons and has a mild odor with a high flashpoint.

INFINITY WASH HMK-UV

FOGRA Approved sheetfed UV Wash for automatic systems.

UV WASH 100 PLUS *NEW!*

Deep Cleaning UV/Hybrid Ink Cleaner

UV WASH 100 PLUS is a deep cleaning wash for both UV and hybrid inks. The product has a controlled evaporation rate with a high flashpoint and is water miscible. The product will not harm EPDM compounds.

UV WASH MA

Very effective and economical UV Wash for nitrile and non-EPDM compounds.

LOW VOC PRESS WASHES

LO-VO WASH 50

High Flashpoint, 50% low VOC roller and blanket wash.

LO-VO WASH 2000 AUTO QW

Approved wash for Elettra and Oxy-Dry systems. VOC content at 30%.

LO-VO WASH CA-100 *NEW!*

Ultra-Low VOC (100 g/l) Wash

Our latest technology in low VOC Washes, LO-VO WASH CA-100 was designed to be used in automatic blanket washer systems on sheetfed and web presses and earned a FOGRA and Heidelberg approval. The product is intended to be used undiluted and for automatic systems. A water additive, Tower 250 WA may be added in the water tank to help aid in rinsing.



LO-VO WASH CA-UV

Low Voc Press Wash For UV/Eb And Hybrid Inks

LO-VO WASH CA-UV is designed to be used as a press wash to comply with low VOC regulations for UV/EB and Hybrid ink applications. It can be used in automatic blanket washer systems on sheetfed and web presses. The product can also be used as a hand wash. It is intended to be used undiluted, but it can be mixed with up to 30% water and is not oily.

FAST DRY EXEMPT WASH

Fast Drying, Low VOC Press Wash

A fast drying, low VOC Wash that does not contain acetone and dries without residue.

LO-VO WASH CA-200

Very low VOC Wash with high flashpoint. VOC content at 96 g/L or 11%.

LO-VO WASH ELT-30

Elettra approved automatic low VOC wash. VOC content at 30%.

WASH 1200 FAST DRY

Fast Drying Low Voc Press Wash

Wash 1200 Fast Dry is a quick drying low VOC press wash that does not contain acetone. This product will work on both rollers and blankets with a drying speed that leave no residue and does not have to be followed by any water rinsing

SPECIALTY PRESSROOM PRODUCTS

RESTORKLEEN

Deglazer-Rejuvenator-Conditioner for Rollers & Blankets

One of Tower's premier technology products, RESTORKLEEN is a breakthrough in roller and blanket maintenance. RESTORKLEEN is a true, one-step deglazer, rejuvenator and conditioner. It not only strips glaze, but also restores plasticizers to rubber surfaces to condition and prevent dehydration.

SUPER ROLLER CLEANER

Deep Cleaning Roller Wash and Deglazer

SUPER ROLLER CLEANER will quickly and effectively clean, deglaze and condition ink rollers. Rollers that have become contaminated with glaze, paper dust and ink can cause poor printing quality.

SUPERWASH STEP ONE

Deep Cleaning Roller Wash

SUPERWASH STEP ONE is a non-separating, viscous water/solvent/detergent blend that, when applied to rollers, actually extracts every bit of ink pigment from the pores of the rollers.

COATINGS CLEANER AC

Aqueous Coatings and Pressroom Cleaner

COATINGS CLEANER AC was developed to quickly clean the toughest aqueous coating, even dried coating, without the use of ammonia. COATINGS CLEANER AC will not only clean the coating, but also any residual ink as well.

DELUXE CALCIUM RINSE *Best In Class Technology!*

Calcium Roller Cleaner

The ultimate product to control calcium issues on press, DELUXE CALCIUM RINSE is formulated to dissolve calcium deposits not just on the surface of the rollers, but deep down into the rubber itself. The product emulsifies calcium on contact and can be rinsed away with a water followup.



TOWER MRC

Fast Drying Metering Roller Cleaner

TOWER MRC is a fast drying solvent blend formulated to clean metering rollers in continuous dampening systems. TOWER MRC will clean and evaporate quickly leaving no residue.

ECONOMY I.P. WASH CONCENTRATE

Recharge Concentrate

An excellent recharge solvent for solvent recovery units for Tower brand washes. A higher flashpoint version of this product is also available called **RECHARGE CONCENTRATE HF**.

CHROME ROLLER CLEANER *NEW!*

Chrome Roller Cleaner and Desensitizer

Tower CHROME ROLLER CLEANER is a powerful liquid cleaner that will effectively clean and desensitize the chrome dampening rollers.

ROLLER LUBE *NEW!*

Premium Roller Lubricant

Tower ROLLER LUBE is a high technology lubricant for printing units running without ink.

ROLLER PASTE *NEW!*

Premium Roller Cleaning Paste

Tower ROLLER PASTE is a high technology cleaning paste for thoroughly cleaning printing rollers. The product is ideal for color changes and daily roller maintenance.

WEB CONDITIONER SERIES

Superior, Antistatic Web Conditioners

WEB CONDITIONER and WEB CONDITIONER 30A are a new generation high technology, antistatic web conditioners that significantly lowers the use cost of silicone emulsions by using a reduced dosage.

DYNAMIC DUO SYSTEMS CLEANER *NEW!*

Liquid, Dual Step Dampening Systems Cleaner

This unique two step liquid product provides a unique cleaning technology for maintaining the fountain solution dampening system

METERING ROLLER CLEANERS

TOWER 18-M MRC

Our strongest and fastest drying MRC and typewash.

MRC-100

Very low VOC MRC. VOC content at 96 g/L or 12%.

MRC-2010

Low vapor pressure MRC.

MRC-LV

Fast drying low VOC MRC. VOC content at 28%.

PLATE CLEANERS

PLATE CLEANER & PRESERVER

Plate Cleaner, Finisher and Preserver

An outstanding acid emulsion based plate cleaner that also provides a short term gum storage preservative for CTP plates. Approved for use by all major plate manufacturers.

PREMIUM OTF PLATE CLEANER

Non-Emulsion Plate Cleaner for Baked and Unbaked Plates

PREMIUM OTF PLATE CLEANER is a non-emulsion cleaner used to clean unbaked printing plates in a production setting. The product quickly and effectively desensitizes scratches while the web press is running.



CTP SCRATCH REMOVER

Plate Cleaner and Scratch Remover for CTP Plates

Tower CTP SCRATCH REMOVER is an advanced formulation of specialty cleaning agents for use on CTP Plates. The product removes ink, glaze, gum and paper dust and leaves the non-image area clean and desensitized. This is an acid based emulsion cleaner that can clean the plate and remove scratches in one application. Approved for use on Kodak, Agfa and Fuji plates.

INK FOUNTAIN LINERS

Tower provides a wide variety of high quality polyester ink fountain liner for Heidelberg presses that are guaranteed to perform in your pressroom.

AUTO WASH CLOTH DRY

Tower provides a great selection of dry cloth for Heidelberg, Komori and other press types using this type of auto wash cleaning material. These terrific quality products are available at very affordable prices.



Visit our web site for up-to-date product information, material safety data sheets and more!

www.towerproducts.com

Email: info@towerproducts.com

800.527.8626 • Fax: 610.258.9695

PO Box 3070 • 2703 Freemansburg Avenue
Palmer, PA 18043-3070

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Printed in USA using Tower Pressroom Chemistry. 5/15

