

PREPRESS EQUIPMENT & SUPPLIES



**INK
APPLICATIONS**



**REGISTRATION
SYSTEMS**



**SCREEN CLEANING
EQUIPMENT**



**SCREEN DRYING
EQUIPMENT**



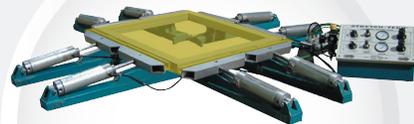
**SCREEN EXPOSING
UNITS**



**SCREEN FRAME
HANDLING CARTS**



**SQUEEGEE
SHARPENING**



**SCREEN STRETCHING
EQUIPMENT**

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Combining state-of-the art engineering expertise and creativity with outstanding customer service to provide quality, consistency, and value to the screen printing industry for more than 40 years



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FINISHING EQUIPMENT



CONVEY-ALL

Conveyor System

Convey-All™ conveyor systems are precision-engineered for high-quality, high-speed production. The chassis is constructed of tough, solid steel and the premium quality Fiberlon™ belt is strong and durable.

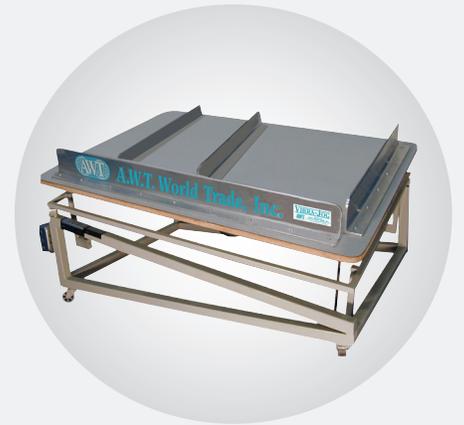
These versatile systems are ideal for moving paper, poster board, plastics, glass, composites, wood, metal, bottles, cans, medical products, and thousands of other materials. Convey-All systems feature adjustable solid-state belt speed controls. Standard conveyor length is 10', with widths of 24" (61cm), 36" (91cm) 48" (122cm), 60" (152cm) and 72" (183cm).

VIBRA-JOG™

Jogger Unit

Improve material handling operations and reduce labor costs with the Vibra-Jog™ jogger unit. This unique and highly versatile unit stacks stock in small piles which are easy to handle, process, pack, and ship.

Equipped with a multi-position tilting table, the Vibra-Jog is easy to set up and features adjustable guides that accommodate a variety of stock. Vibra-Jog units are constructed of heavy-duty materials for durability and consistent performance, and mounted on casters for mobility and convenience.



INK APPLICATIONS



TORNADO™

Ink Mixer and Color Blender

The popular Tornado™ Ink Mixer and Color Blender is ideal for mixing matched colors, adding pigments such as glitter or fluorescent color to bases, and for assuring proper blending of reducers and other modifiers. The unique design of the Tornado saves time by mixing right in the original container.

Adjustable self-centering locking clamps accommodate both metal cans and plastic containers. Blades simply slide on and off for easy changeover between container sizes. The solid-state control panel features a variable speed control and reversible turntable direction.

PRESS-MATE™

Ink Feeding System

The heavy-duty Press-Mate™ Automatic Ink Feeding System reduces manual ink feeding time by as much as 80 % and keeps your process running without interruption, increasing overall productivity and profit margins.

The Press-Mate system dispenses controlled amounts of conventional or UV inks and coatings to any press for accuracy and uninterrupted production. Operators do not need to handle inks, increasing safety while reducing wastage.



REGISTRATION SYSTEMS



PIN-REGISTRATION™

Pneumatic Registration System

Save on press set-up time by pre-registering your artwork to your frames and your frames to the press. Place the film positive on the vacuum bed and pre-register to your screen. This pin registration system helps you achieve fast set-up times and consistent, repeatable registration.

The foot pedal controlled vacuum table holds the image for placement with the screen. Pins in the table assure each screen is placed in exactly the same position on the table for perfect multicolor registration.

SCREEN CLEANING EQUIPMENT



POWER-KING™ 2

Pressure Washer Series

Versatile Power-King 2™ High-Pressure Screen Washers set the industry standard for use with screen cleaning units or washout stands, delivering up to 2,000 psi of concentrated spraying power with an output of up to 3.2 gallons per minute.

Power-King 2 units efficiently remove unexposed emulsion, hardened direct emulsions, blockouts, and water-soluble films from polyester, nylon, stainless steel, silk, or other screen meshes. Water volume and water pressure are independently adjustable to accommodate a range of screen cleaning applications.



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DURO-TANK™

Stainless Steel Recirculating System

The Duro-Tank™ stainless-steel recirculating system is designed for use with washout sinks. AWT's Duro-Tank features optional Easy Solvent Extraction, which makes removing used solvents a snap, significantly improving screen cleaning efficiency while enhancing employee safety.

With the Duro-Tank system, biodegradable chemistry is applied directly to screens and then allowed to drain back into the tank, where the chemistry is filtered and recirculated for extended use. As a result, the Duro-Tank can reduce chemical usage in your screen cleaning operations by up to 80%.

KLEEN-VIEW™

Washout Sink and Stand

The Kleen-View™ Washout Sink and Stand is an essential component for maximizing screen room and workshop productivity. Designed for use with our Power-King™ or other pressure cleaning units, as well as AWT's Duro-Tank, Kleen-View washout stands are ideal for reclaiming screens, washing screens, and degreasing mesh.

The translucent fiberglass back panel utilizes daylight or artificial light sources to backlight screens, clearly showing pinholes, unexposed emulsion, or residues. The Kleen-View comes in a wide range of models to accommodate any size screen printing operation.



KLEEN-VIEW™ AUTOMATIC

Closed-Loop Screen Cleaning System

Featuring Easy Solvent Extraction, the Kleen-View Automatic™ Closed-Loop Screen Cleaning and Filtering System cleans screens quickly and efficiently, safely recycling ink residues and solvents for disposal.

The Kleen-View Automatic is a stainless steel, fully-enclosed, 100% air-operated system that cleans both sides of screens simultaneously and can be used to clean multiple screens at once. The closed-loop recycling system provides fully-adjustable chemical flow. Wide tempered glass front doors provide easy access and safe monitoring of screen washing process.

KLEEN-SCREEN™

Automatic Emulsion Removal System

The Kleen-Screen™ Automatic High-Pressure Emulsion-Removing System revolutionizes the screen reclaiming process by automating both solvent application and high-pressure rinsing within a single, fully-enclosed stainless-steel unit.

A unique electric/pneumatic nozzle system provides two-sided coverage that coordinates precisely with frame-size settings specified by the operator. Touchscreen controls allow the operator of the Kleen-Screen to modify and set all important process parameters, including frame dimensions, solvent dwell time, and total cycles, with precision and ease.



SCREEN DRYING EQUIPMENT



DRY-IT™

Screen Drying Cabinet (Horizontal Style)

The Dry-It Horizontal Screen Drying Cabinet is fully-enclosed and well-insulated for drying screens horizontally. The drying compartment quickly heats to the user-specified temperature, minimizing power consumption and operating costs.

Filtered, heated air moves through the cabinet gently and evenly. The heated, moisture-filled air is then forced out of the drying compartment. Screens are dried evenly and remain dust-free, eliminating pin holes. All Dry-It units include complete temperature controls with a standard temperature range up to 120°F (49°C); higher temperatures are optionally available.

DRY-IT™

Screen Drying Cabinet (Vertical Style)

The Dry-It Vertical Screen Drying Cabinet is fully-enclosed and well-insulated for drying screens vertically. The drying compartment quickly heats to the user-specified temperature, minimizing power consumption and operating costs.

Filtered, heated air moves through the cabinet gently and evenly. The heated, moisture-filled air is then forced out of the drying compartment. Screens are dried evenly and remain dust-free, eliminating pin holes. All Dry-It units include complete temperature controls with a standard temperature range up to 120°F (49°C); higher temperatures are optionally available.



SCREEN EXPOSING UNITS



PRO-LIGHT™ F/LED

Series of Screen Exposing Units

The economical, easy-to-use Pro-Light™ F/LED series of exposing units features digital timers, high-efficiency LED bulbs and full vacuum frames, yielding professional results regardless of your level of experience. LED bulbs mean quicker exposure times and significantly longer light-source life expectancy.

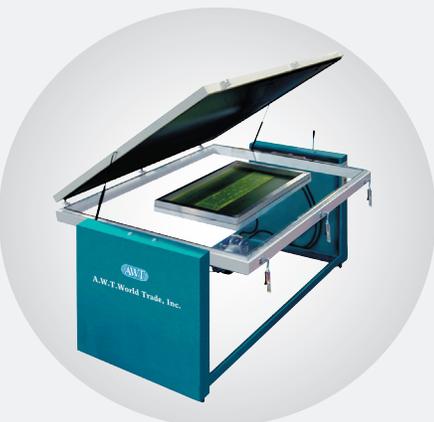
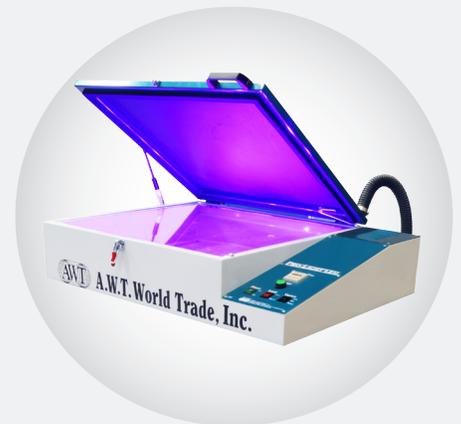
A photo-grade clear glass plate and flexible rubber blanket deliver sharp, accurate exposures while undercutting is minimized. The rubber blanket maintains complete contact between the film positive and mesh, and returns to its original shape when exposure is completed.

PRO-LIGHT™ UV/LED

Series of Screen Exposing Units

The accurate and reliable Pro-Light™ UV/LED series of exposing units uses the latest UV LED technology to deliver sharp, professional results for screen printers seeking optimal production quality. The LED light source makes these units economical and efficient to operate, with quicker exposure times and significantly longer light source life expectancy.

Ideal for four-color process work, long runs, and extremely fine detail reproduction, these units feature digital timers to ensure precise exposure times, yellow safety/inspection lights for viewing and setup with a safety interlock to protect operators from UV light.



PRO-LIGHT™ 2

Direct Contact Vacuum Frame Exposing Units

Pro-Light 2™ Vacuum Frame Exposure Units are extra heavy-duty and built for years of reliable screen production. These units can easily be locked in a 90° position for front exposing systems or face down if lighted from below, giving you more options than other exposing systems.

The Pro-Light 2's super counterbalance tension system allows for easy positioning. Pro-Light 2 units include heavy-duty casters for easy movement, and high-output metal halide light sources are also available.

PRO-LIGHT™ 2 LIGHT SOURCE

Metal Halide Light Source

Pro-Light™ 2 Metal Halide Light Sources are high-speed, high-resolution metal halide lights with an exceptional intensity range that make them ideal for exposing finely detailed artwork in production environments. These units deliver high output with low energy consumption, and include powered exhaust and servo cooling for extended lamp life.

Pro-Light 2 Metal Halide Light Source units feature no-maintenance rotary shutters and computer-designed reflectors for maximum efficiency during exposing, and come complete with a light integrator.



SCREEN FRAME HANDLING CARTS



ROLLIN' SCREEN RACKER™

Horizontal Screen Frame Storage Rack

The versatile, adjustable Rollin' Screen Racker series increases production efficiency by safely and securely storing screens and other flat, rigid items in a versatile, mobile unit. Rollin' Screen Rackers can be adjusted to handle screens from 14.5" to 45.5" wide, combining several former rack models into one convenient unit.

These versatile racks feature deep shelves — 31 or 40 inches (79 or 102 cm), depending on the model — and fully adjustable widths (without special tools). The Rollin' Screen Racker series is perfect for organizing production, even under the most restrictive shop configurations.

FRAME-MATE™

Mobile Frame Rack

Free up space in your workshop and reduce setup times with the Frame-Mate™, the handy solution for storing and transporting large, heavy, or bulky screen frames, pallets, or any rigid part or substrate.

Featuring rust-resistant, powder-coated heavy gauge steel wire dividers, the durable Frame-Mate can handle wood, aluminum, or roller frames up to 50 x 60" (127 x 152 cm) O.D., or even larger, depending on the shape. The Frame-Mate provides secure mobile storage and quick access to your heaviest and bulkiest substrates.



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SQUEEGEE SHARPENING



THE-EDGE™

Universal Belt Squeegee Sharpener

Give your operation The Edge™ in continuous belt squeegee sharpening. Sharpen any squeegee blade uniformly and accurately without nicks. Designed for urethane, rubber and other standard squeegee blade formulas, The Edge is easy to set-up and operate, with a wide range of belt grits available.

AWT's exclusive squeegee holder option enhances sharpening uniformity by locking the blade into place during operation and is compatible with wood, metal, or machine squeegee holders.

SHARPER-IMAGE™

Diamond Wheel squeegee Sharpener (Table Model)

Reduce ink costs and improve print quality by keeping your squeegee blades in optimal condition with the Sharper-Image™ Diamond Wheel Squeegee Sharpener. The heavy-duty tabletop model is ideal for use on smaller squeegees, with vacuum debris removal available as an option.

Diamond wheel sharpening heads produce square, center-sharp and rounded edges in coarse, medium, and fine grits, as well as a choice of other profiles. Oversized sharpening heads operate at fewer revolutions per minute, reducing heat friction that can compromise the integrity of squeegee rubber. A steel enclosure assures maximum operator safety.



SHARPER-IMAGE™

Diamond Wheel squeegee Sharpener (Floor Model)

Reduce ink costs and improve print quality by keeping your squeegee blades in optimal condition with the Sharper-Image™ Diamond Wheel Squeegee Sharpener. The auto-cut floor model provides fully automated operation reducing labor costs and increasing consistency.

The Sharper-Image also features a vacuum-powered debris removal system. Diamond wheel sharpening heads produce square, center-sharp and rounded edges in coarse, medium, and fine grits, as well as a choice of other profiles. A steel enclosure assures maximum operator safety.

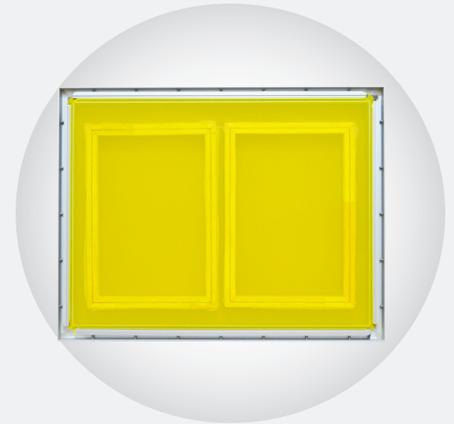


STRETCH-LOK

Manual Screen Stretching System

The Stretch-Lok™ Manual Screen Stretching System is a sensibly-priced, all mechanical screen fabric stretching system designed to save time and money for printers currently purchasing ready-made screens from outside suppliers.

Compatible with metal or wooden frames and any standard mesh fastening method you choose, the Stretch-Lok Stretching System is reliable and easy to use. Each Stretch-Lok model handles a range of frames up to the recommended maximum dimensions. Quick Tension screws allow precise tensioning of specific areas of the frame if needed.



STRETCH-TECH™

Pneumatic Screen Fabric Stretching System

Reliable and easy to operate, the Stretch-Tech™ is the most versatile screen fabric stretching system on the market today. Simple controls allow independent settings of tension and stretching speeds for both warp and weft.

The Stretch-Tech's main control panel is engineered to drive virtually any system configuration, allowing the user to add or subtract clamps, change clamp bar widths, or add more air manifolds as the job requires. Stretching multiple frames at the same time is no problem for the Stretch-Tech. For even greater efficiency, the optional Auto-Tensioning Module may be added to any Stretch-Tech system at any time. This unique unit automatically stretches fabric in stages according to your specifications, freeing operators for other tasks.

American

STRETCH-AIR-BARS

Pneumatic Screen Fabric Stretching System

The versatile and efficient American Stretch-Air Bars™ system stretches all monofilament and multifilament screen fabrics with speed, accuracy, and precision.

Specially-designed bars provide absolute fabric-to-frame contact ensuring that equal counter-pressure is applied to all four sides of the frame for outstanding pre-press accuracy. All Stretch-Air Bars models allow screens to be stretched directly from the fabric bolt, eliminating waste and speeding up screen-making production.

