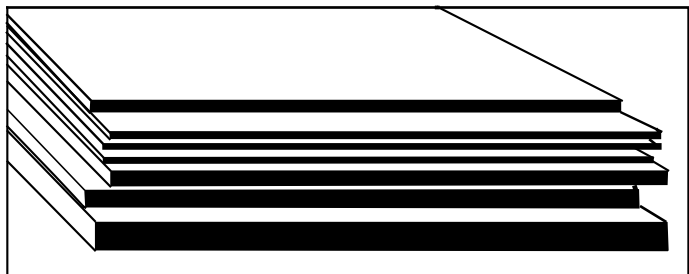# FOME-COR

Bienfang®

foam board

FOAM BOARD

Foam board graphic arts board is a "sandwich" laminate of poly-styrene foam between white smooth finish board facings. It combines great strength with light weight and cuts easily with a razor blade. Suitable for mounting, screen printing, wet media, markers, etc. 1/2" and 3/16" thick

STANDARD WHITE FOAM BOARD   per ctn

BF-950-109	20 x 30"	3/16"	25
BF-950-510	30 x 40"	3/16"	25
BF-950-111	32 x 40"	3/16"	25
BF-950-102	40 x 60"	3/16"	25
BF-900-103	48 x 96"	3/16"	25
BF-950-398	20 x 30"	1/2"	10
BF-900-400	30 x 40"	1/2"	25
BF-900-402	40 x 60	1/2	12
BF-900=403	48 x 96	1/2	12

BLACK ON BLACK FOAM BOARD   per ctn
BF-951-120	20 x 30"	3/16"	10

RAILROAD BOARD

BF-901-121	32 x 40"	3/16"	25
BF-901-122	40 x 60"	3/16"	25
BF-901-123	48 x 96"	3/16"	25

A smooth surfaced board for all types of lettering, poster, showcard, and screen printing. An all purpose board for signs, crafts, and hobbies. Available in 4 and 6 ply. 25 sheets per carton. 22 x 28"

4 ply
RB-401	White
RB-403	Green
RB-405	Canary Yellow
RB-408	Light Blue
RB-409	Holly Green
RB-410	Black
RB-411	Orange
RB-412	Red

WIPERS

New Screen Systems low lint, white wipers are a must for any screen shop. The 12x14" wipers are on a convenient roll, and are solvent resistant and non-abrasive.

WH-250-POPUP   9.75□X 14□Wiper in Pop Up Box
WH-250-R1100   12"x12□WiperS, 1100 per Roll

REFERENCE

SCREEN PRINTING Contemporary Methods & Materials

This Speedball Textbook is a standard text on the subject of screen printing that completely and objectively cover the various stencil techniques in light of recent technological advances in materials and procedures from cut paper stencils to halftone stencils including photo/posterization. This is a book that was written and designed to be understandable, instructional, and motivational to the novice as well as relevant, informative, and insightful to the skilled professional. By Frances & Norman Lassiter.

HU-4511   Screen Printing Contemporary Methods and Materials

A PRACTICAL GUIDE TO SCREEN PRINTING

A clear and simple instructional document on the methods of screen printing. Presented in an elaborate step-by-step guide, complete with photos, illustrations charts and trouble-shooting tips. Written by Merrill Green.

73-9100-6   A Practical Guide to Screen Printing

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AWT SERI-GLIDE ONE-MAN PRINTERS

AWT SERI-GLIDE ONE-MAN MANUAL PRESS

The A.W.T. Seri-Glide One-Man Squeegee offers an economical solution for short run, high quality screen printing jobs. The all-aluminum Stay-Flat vacuum table provides a flat, warp-proof printing surface. The vacuum hold-down is powered by a maintenance-free quiet motor... the quietest in the industry. Vacuum On/Off is easily controlled by an up front hand lever; the system also features adjustable blowback. Both screen holders and squeegee assembly are counter-balanced, providing easy screen lift and effortless printing action. Adjustable legs allow the vacuum table height to be adjusted for operator comfort and ink control.

Standard features include:

    Rear Clamp Micro-Registration
    All-Aluminum, Warp-Resistant, Rust Resistant Vacuum Table Provides A Completely Flat Surface
    For Fine Quality Hand Printing
    Quiet, Maintenance Free Vacuum Motor
    Up front vacuum & blowback control with optional foot pedal
    Adjustable Counter Balance For Easy Screen Lift
    Smooth Squeegee Stroke Action
    Adjustable Legs For Easier Printing, Better Ink Control
    Print Sizes From 35" x 45" To 72" x 236
    All are 120 V, 1 Ph, 60 Hz (220 V, 50 Hz available)

Cat. No	Max. Print Area	Max. Frame	Max. Bed Size	Amps	Cat. No	Max. Print Area	Max. Frame	Max. Bed Size	Amps
SG-3545M	35" x 45"	52" x 63"	58" x 63"	7.8	SG-60120M	60" x 120"	75" x 144"	89" x 144"	7.8
SG-4464M	44" x 64"	68" x 88"	73" x 88"	7.8	SG-60150M	60" x 150"	75" x 174"	89" x 174"	7.8
SG-5280M	52" x 80"	75" x 104"	81" x 104"	7.8	SG-60198M	60" x 198"	75" x 222"	89" x 222"	12.4
SG-5296M	52" x 96"	68" x 124"	81" x 124"	3.9	SG-60236M	60" x 236"	75" x 260"	89" x 260"	12.4
SG-52120M	52" x 120"	68" x 144"	81" x 144"	6.5	SG-72120M	72" x 120"	93" x 144"	101" x 144"	6.2
SG-52150M	52" x 150"	68" x 174"	81" x 174"	3.9	SG-72150M	72" x 150"	93" x 170"	101" x 174"	12.4
SG-52198M	52" x 198"	68" x 222"	81" x 222"	12.4	SG-72198M	72" x 198"	93" x 222"	101" x 222"	12.4
SG-52236M	52" x 236"	68" x 260"	81" x 260"	12.4	SG-72236M	72" x 236"	93" x 260"	101" x 260"	12.4
SG-6096M	60" x 96"	75" x 124"	89" x 124"	6.2	SG-86198M	86" x 198"	110" x 222"	115" x 222"	11.0

AWT ACCU-GLIDE ONE-MAN PRINTERS

AWT ACCU-GLIDE PRINT STATION

A.W.T.'s Small Format Accu-Glide☐ One Man Squeegee Unit offers an inexpensive yet high quality solution to screen print short runs, proto-types and test runs. The aluminum Stay-Flat☐ Vacuum Table provides a flat, warp proof printing surface. The vacuum hold-down is powered by a maintenance-free quiet vacuum motor -- the quietest in the industry. Vacuum on/off is easily controlled by the up front hand lever system.

The small format Accu-Glide is manufactured using A.W.T.'s reliable products including the Big Gripper 2 Screen Frame Clamping Unit with X/Y micro-registration control, heavy duty Sidekick reversible easy screen lift and ergonomically shaped, all-aluminum, contoured squeegee holder. The hand squeegee holder comes with poly squeegee blade. Adjustable legs allow the vacuum table height to be adjusted for operator comfort and ink control.

Features:
☐ Model **shown with optional side print arm (not included)**
☐ Each unit comes standard with the Big Gripper frame clamping unit, heavy-duty, reversible ☐
☐ Side Kick screen lift and a squeegee holder with Poly-Supreme Volkollan squeegee blade
☐ Extra-thick aluminum, warp- and rust-resistant vacuum table provides a completely flat surface for fine quality hand printing.
☐ Quiet, brushless, maintenance-free Max-Air vacuum motor
☐ Up-front vacuum control
☐ Adjustable legs

	Print Area	Max Frame	Electrical	Amps
E-AWT-AG-1525	15 x 25	23 x 35	115 Volt, 1 Ph. 60 Hz	3
E-AWT-AG-2430	24 x 30	32 x 40	115 Volt, 1 Ph. 60 Hz	3
E-AWT-AG-2538	25 x 38	33 x 48	115 Volt, 1 Ph. 60 Hz	3

Crating Charges Extra

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SYSTEMATIC AUTOMATION MODEL F1-20
Semi-Automatic Precision Screen printer

Systematic Automation Model F1-20

Brilliantly simple and extremely reliable, the Model F1 is a fast, up to 2,500 IPH*, printer that is ideal for nearly all flat and cylindrical screen printing applications. The clamshell style offers easy part access for quick loading and unloading of parts. The pneumatic air operation cannot overload or burnout.
The simplicity of the Model F1 makes it an ideal press for start up operations and the F1's versatility, by making use of modular accessories, means this press will continue to be a shop workhorse for many, many jobs to come.
The Model F1 Semi-Automatic Screen Printer is our most popular machine, with hundreds of installations worldwide.

Standard Features:

Front loading fast clamshell style
Independent micro-adjustable squeegee and flood bar height
Table features independently micro-adjustable X, Y and angular movements.
100% pneumatic operation that can not overload or burnout
Heavy-duty X-Y and angular micro-adjust table.
1/2" (12mm) thick tooling plate for X-Y table. Ground flat to +/- .001". Easily interchangeable.
Squeegee holder.
Flood bar.
Independent squeegee/flood bar micro height adjustment.
Heavy-duty welded steel base with casters and tote bins.

Standard Controls:

Independent variable squeegee speed.
Independent variable flood bar speed.
Adjustable print stroke length.
Variable carriage down speed.
Operating pressure adjustment with gauge.
Foot pedal cycle start.
Adjustable screen lift height.
Print/flood cycle, the machine "waits" in flood position.
Air shut-off switch

Options Include:

Pen printer attachments
CD Printer attachments
3D Bottle printer attachments
Dual print head attachment
Programmable logic controller

Completely air driven - operated manually with a foot pedal. Adjustable off contact to 7□(Thicker parts can be accommodated by adding spacers. Easily adjusts with use of a rear screw drive handle on the back of the machine. New and improved flood hold mechanism. Comes with 4 plastic storage bins. Heavy duty casters with locking front casters. Extremely accurate X/Y axis registration control. Independent squeegee and flood bar speed. Heavy duty stand aids easy maneuverability.

Models:

E-F1-12	12 x 12	Tool Plate	12 Maximum Stroke
E-F1-20	20 x 20	Tool Plate	20 Maximum Stroke
E-F1-30	30 x 30	Tool Plate	30 Maximum Stroke

PNEUMATIC STEREO CASING
FLAT SCREEN PRINTER

This press is suitable for printing on flat-surfaced stereo (0-11.75 thick) substrates made of rigid materials. Adopts ATMA type Two-post print head and non-vacuum Slot Table(Vacuum table as option), table height adjustable, with X/Y-axis registration adjustment knobs. Micro-computer control feature selections, single-actions, digital setting and display, light/beeper indications etc. functions. ISO-9001 & 14001 Certified quality featuring unique vertical screen up/down design, solid and light-weighted structure, compact size, fine finish, extreme accuracy, superb performance and versatility, user friendly operations and functions, environment-friendly energy efficiency, less maintenance, a Top-quality choice of its price level in the market.

AT-600HX   Stereo Casing Printer

Max. Print Area   11.75 x 21.625 inch

PNEUMATIC MINI CURVE
SCREEN PRINTER

This press is suitable for printing on 3 dimensional and curved rigid substrates. With optional inflation device, insert tooling and multi-registration it can accommodate soft sided bottles and multi-color printing. Adopts ATMA type Two-post print head. Micro-computer control feature selections, single-actions, digital setting and display, light/beeper indications etc. functions. ISO-9001 & 14001 Certified quality featuring unique vertical screen up/down design, solid and light-weighted structure, compact size, user friendly operations and functions, a Top-quality choice of its price level in the market.

AT-500FAT   Mini Printer
                     Max. Size: 11-3/4 x 18
                     Print Speed: 900-1800 iph

AT-500FABT   Mini Combo (Flat & Curved)
                     Max. Size: 11-3/4 x 18 Flat
                                 .4 - 5-7/8 Diameter
                     Print Speed: 720-1800 iph

AT-TY-500FB/T   Mini Curve Printer
                     Max. Diameter: 4. - 5-7/8
                     Print Speed: 600-1500 iph

110V (1 amp), 1 Phase, 50/60Hz, 56-99 PSI

ATMA
Euro-Spec Precision Screen Printers

DIGITAL FLAT SCREEN PRINTER
Shown With Sliding Bed

This press features a touch screen panel, digital setting with an open front design. It is compact and easy to adjust, with European safety standards. Adopts ATMA type Two-post print head with X/Y-axis registration adjustment knobs. Micro-computer control feature selections, single-actions, digital setting and display, light/beeper indications etc. functions. ISO-9001 & 14001 Certified quality featuring unique vertical screen up/down design, solid and light-weighted structure, compact size, fine finish, extreme accuracy, superb performance and versatility, user friendly operations and functions, environment-friendly energy efficiency, less maintenance, a Top-quality choice of its price level in the market.

AT-60PD   Digital Flat Screen Printer

Max. Print Area   15.75 x 23.625 inch
Max. Frame Size   23.62 x 27.5 inch

AT-70PD   Digital Flat Screen Printer

Max. Print Area   27.5 x 47.25 inch
Max. Frame Size   35.62 x 41.2-5 inch

ELECTRIC FLAT SCREEN PRINTER

This press features a vertical screen lift with no ink off flow. It has a front open design with symbolized console for easy operation. This press is vibration free for ultra smooth ink flow. Adopts ATMA type Two-post print head. This press sets up fast and has European safety standards. ISO-9001 & 14001 Certified quality featuring unique vertical screen up/down design, solid and light-weighted structure, compact size, user friendly operations and functions, a Top-quality choice of its price level in the market.

AT-80P   Digital Flat Screen Printer

Max. Print Area   23.625 x 31.5 inch
Max. Frame Size   35.375 x 45.25 inch

AT-120P   Digital Flat Screen Printer

Max. Print Area   27.5 x 47.25 inch
Max. Frame Size   39.375 x 61 inch

AT-160P   Digital Flat Screen Printer

Max. Print Area   27.5 x 63 inch
Max. Frame Size   39.375 x 76.75 inch

ATMA HIGH PERFORMANCE
Semi-Automatic Precision Screen Printers

ATMECH CLAM SHELL
SCREEN PRINTER

The ATMECH Screen Printer features **Elegant Design**, an excellent ATMA technology scintillating outstanding elegancy over logical high-performance design, close tolerance quick-reactive electro-mechanical transmission system for clam-shell action can suffice super high-precision job requirements. **Top Quality**: ISO 9002 certified quality-assurance system, plus Symbol of Excellence awarded, assures top quality finish. **Accurate Guide Rail:** Adopts top-quality THK linear guide rails for printing stroke, unifies printing conditions. **Smooth & Stable Run:** Superb precision-keeping plus accurate rail guidance & electronic shock absorption, provides smooth & stable fast-speed run. **Repeatability:** Falls within a close ±0.01mm. **Adjustments Include:** Squeegee/flood coater depth, pressure, inclination angle, skew angle, level, stroke, speed and Screen clearance, X/Y/Ø-angle+micrometer indication, etc. necessary adjustments are all available, for achieving various printing effect requirements.
Application: For flat-surfaced screen-printing on Film, Sheet, Board form substrates made of deforming materials, like Mylars, Posters, Stickers, Membrane Switches, Name Plates, Sign Boards, Printed Circuit Boards etc.

Electric: 220V, 3 Phase, 60 Hz   **Air:** 6-8kgs/cm2

ATMECH 57   22 x 30   Clam Shell Press
ATMECH 710   30 x 41   Clam Shell Press

ATMACE 3/4 AUTOMATIC
SCREEN PRINTER

The ATMACE Screen Printer features **Elegant Design**, an excellent ATMA technology scintillating outstanding elegancy over logical high-performance design, close tolerance quick-reactive electro-mechanical transmission system can suffice various larger format job requirements. **Top Quality**: ISO 9002 certified quality-assurance system, plus Symbol of Excellence awarded, assures top quality finish. **Accurate Guide Rail:** Adopts top-quality THK linear guide rails for printing stroke, unifies printing conditions. **Smooth & Stable Run:** Superb precision-keeping plus accurate rail guidance & electronic shock absorption, provides smooth & stable fast-speed run. **Repeatability:** Falls within a close ±0.02mm. **Adjustments Include:** Squeegee/flood coater depth, pressure, inclination angle, skew angle, level, stroke, speed and Screen clearance, X/Y/Ø-angle+micrometer indication, etc. necessary adjustments are all available, for achieving various printing effect requirements. **Application:** For flat-surfaced screen-printing on Film, Sheet, Thin Board, Mylars, Posters, Stickers, Membrane Switches, Name Plates, Sign Boards, Flexible Printed Circuit Boards etc.

Electric: 220V, 3 Phase, 60 Hz   **Air:** 6-8kgs/cm2

ATMACE 67   24 x 30   3/4 Automatic Press
ATMACE 710   30 x 41   3/4 Automatic Press
ATMACE 1014   41 x 55   3/4 Automatic Press
ATMACE 1216   47 x 63   3/4 Automatic Press
WITH or WITHOUT GRIPPER TAKE-OFF

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ATMA HIGH PERFORMANCE
Long-Stroke Screen Printers

All ATMA presses are built to the highest standards, assured by ISO9001 certification. The table is made from aero quality aluminum with a honey comb interior that is strong and light weight. It is driven by the highest quality German □SEW□motor on linear bearing rails with shock free speed control. This assures smooth, quiet running with a minimum of wear and accurate stop positioning. The selectable up/down register guides on three sides enables same point registering for two sided printing.

Screens are inserted from the front and held by loose-proof air locks. X/Y axis registration knobs adjust in numerical micrometers. Screen up/down motion is driven by a □SEW□motor plus syncro chain and shock free speed control. The off contact is set by a numerical adjustment knob for synchronized peel off contact.

The print head is driven on the finest linear bearing rails with variable shock free speed control. The head runs stably and smoothly at all speeds with individually adjustable print and flood speeds.

The take off on the □G Type□features a side out, reversible conveyer system. The variable speed conveyer□s vacuum system holds sheets until dropped onto the dryer. Grippers adapt from 0-6mm and has a release dwell time control.

The separate control box has controls: Power On/Off, System On/Off, 3 Operational Modes, 3 Vacuum Modes, 3 Cycle Modes, Clean Up Lift, Screen Up/Down, Print Head Left/Right, Squeegee Up/Down, Flood Up/Down, Table In/Out, Print Speed, Flood Speed, Auto Timer, Table Dwell Timer, Counter, Emergency Stop, Shields, Conveyer On/Off, Gripper On/Off, Conveyer Speed, Blow Back Dwell, and Gripper Release. All ATMA products meet European Safety standards.

MODEL	1020	1225	1530	1536
MAXIMUM SHEET SIZE	40□x 79□	48□x 98□	60□x 118□	60□x 144□
TABLE SIZE	47□x 94□	59□x 118□	71□x 142□	71□x 165□
VACUUM SIZE	40□x 79□	48□x 98□	60□x 118□	60□x 144□
MAXIMUM FRAME OD	59□x 99□	69□x 123□	82□x 144□	82□x 169□
SCREEN□TABLE□CLEARANCE				
STAND-BY (CLEAN-UP)	3.9□(12□)	3.9□(15□)	3.9□(15□)	3.9□(15□)
IMPRESSIONS PER HOUR	390	360	300	240
OUTER DIMENSIONS	136□x127□x57□	160□x152□x57□	183□x174□x57□	207□x174□x57□

ALL MODELS: SUBSTRATE THICKNESS = 0-0.23□   **PRINT HEAD SPEED 0-30□/SEC**

X/Y AXIS ADJUST 0-.4□   **PRINT HEAD SKEW 0-2°**

POWER 240V/480V, 3 PHASE 20A/10A   **AIR (PSI) 90-110**

ROQ YOU
AUTOMATIC TEXTILE PRINTER

A screen printing machine must be robust, fast, reliable and precise. The ROQprint You is all of that and more. It is a performer.

Elegant, the ROQprint You draws its strengths from the clever engineering applied on to it by ROQ. This screen printing machine uses top quality materials and best practices during its production. Innovating many times the processes and technics ROQ has improved the quality of its screen printing machines for over 3 decades now. Today the aim is the same that it was in the beginning as S. Roque. to create, produce and deliver top quality machines that last for decades.

With a maximum production of 1000 pieces per hour, this screen printing machine shows its versatility in the immense configurations in that it can be offered. From a minimum of 8 pallets up to 20 pallets and from 1 color up to a maximum of 18 colors. From 400mm x 500mm up to 700mm x 1000mm the ROQprint You answers the market needs. And has it is the ROQ slogan, if by any chance a request for a configuration outside the box shows up, □ROQ creating solutions□

The ROQprint You was not only built to last for ages and to be precise. It is also a screen printing machine extremely user friendly. It uses proprietary software created with the collaboration of several of our customers. It□s a system built by printers for printers. Every print head has its own control panel but the whole machine can be controlled from the central console. Every option (ROQflash, ROQfoil, ROQflock) is connected to the machine structure and all the flux of information can be controlled from this central console allowing for very fast setup times. As an addition, using the PRU (Positive Registration Unit) the setup times will be even smaller making the whole operation more efficient.
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Standard Features:
☐ Aluminum honeycomb pallets;
☐ Squeegees with electric movement with ac variator;
☐ Independent control panel on all print heads;
☐ Choice of pneumatic screen holder: ☐U☐clamp or pin system;
[a] Print head central elevation;
☐ Frequency drive rotation system for a quick and smooth index;
☐ Print heads with high-lift position for quick, easy screen cleaning;
☐ Central control panel with polycromatic LCD touch screen;
☐ Micro registration screen system with vernier scale;
☐ Individual controls for managing print and flood speed, height and angle of the squeegees and stroke length.

Presses:

E-YOU-P08-S	7 Color Max, 8 Station Automatic Press
E-YOU-P08-M	7 Color Max, 8 Station Automatic Press
E-YOU-P10-M	9 Color Max, 10 Station Automatic Press
E-YOU-P12-XL	10 Color Max, 12 Station Automatic Press
E-YOU-P14-XL	12 Color Max, 14 Station Automatic Press
E-YOU-P16-XL	14 Color Max, 16 Station Automatic Press
E-YOU-P18-XL	16 Color Max, 18 Station Automatic Press
E-YOU-P20-XL	18 Color Max, 20 Station Automatic Press
E-YOU-P22-XL	20 Color Max, 22 Station Automatic Press

Options:

Vacuum Palettes
Laser Markers
Flash
Foot Pedal
ROQ Flock
ROQ Foil
Skip Function

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ROQ NEAT TEXTILE PRESS

Features:
- Aluminum honeycomb pallets
- Squeegees with electric movement with ac variator
- Independent control panel on all print heads
- Choice of pneumatic screen holder: U clamp or pin system;
- Print head independent elevation
- AC servo-motor rotation system
- Central control panel with Polychromatic LCD touch screen (10)
- Micro registration screen system with vernier scale
- Individual controls for managing print and flood speed, height and angle of the squeegees and stroke length
- Placement of the Flash Cure units under the print head

This new automatic screen printing machine, ROQprint NEXT was built with unique features, which only exist in high-range ROQprint machines.

ROQprint Next permits you to print between 6 and 18 colors, has a maximum print area up to 33.46 x39.37 (double index) and a maximum production of up to 1200 pieces per hour. Some of the main technical characteristics are the electric rotation with Servo AC motor, the print heads independent lifting system and a 10 touchscreen. These distinctive characteristics are responsible for a productivity increase up to 20%.

The new ROQprint NEXT has the top features for a precise, versatile and fast work but at the same time, it is extremely user-friendly. It uses proprietary software created with the collaboration of several of our customers. It a system built by printers for printers. Every print head has its own control panel but the whole machine can be controlled from the central console. Every peripheric (ROQflash, ROQfoil, ROQflock) is connected to the machine structure and all the flux of information can be controlled from this central console allowing for very fast setup times. As an addition, using the PRU (Positive Registration Unit) the setup times will be even smaller making the whole operation more efficient.

For all that, ROQprint NEXT is the machine that you need for your company gives a step ahead. ROQprint NEXT, your next screen printing machine!

Presses:

E-NEXT-P08-XL	6 Color Max, 8 Station Automatic Press
E-NEXT-P10-XL	8 Color Max, 10 Station Automatic Press
E-NEXT-P12-XL	10 Color Max, 12 Station Automatic Press
E-NEXT-P14-XL	12 Color Max, 14 Station Automatic Press
E-NEXT-P16-XL	14 Color Max, 16 Station Automatic Press
E-NEXT-P18-XL	16 Color Max, 18 Station Automatic Press
E-£-P20-XL	18 Color Max, 20 Station Automatic Press

Options:
- Laser Markers
- Flash Cure units
- Power and Control Connections for Flash are built into the machine base
- ROQ Flock
- ROQ Foil
- Skip Function

ROQ ECO TEXTILE PRESS

Features:

- ☐ Aluminum honeycomb pallets
- ☐ Squeegees with electric movement with ac variator☐
- ☐ Independent control panel on all print heads
- ☐ Choice of pneumatic screen holder: ☐U☐clamp or pin system;
- ☐ Print head independent elevation
- ☐ AC servo-motor rotation system
- ☐ Central control panel with Polychromatic LCD touch screen (10☐
- ☐ Print heads with high-lift position for quick and easy screen cleaningMicro registration screen system with vernier scale
- ☐ Individual controls for managing print and flood speed, height and angle of the squeegees and stroke length
- ☐ Placement of the Flash Cure units under the print head

ROQprint ECO won Product of the Year awards at SGIA 2018 in Screen Printing ☐Automatic Garment Press. Get this award-winning machine and be a winner in your business too!

The ROQprint Eco incorporates ROQ☐ latest technological innovations. Which have been already tested and proven by our customers in their shops. It ranges from a minimum of 12 pallets up to a maximum of 20 pallets and from a minimum of 1 color up to 18 colors. The print area goes from 17.7☐x 21.6☐up to a maximum of 31.5☐x 43.3☐ The screen printing machine ROQprint Eco is the ideal choice for the most demanding printer for it as an efficient response for every task. Capable of outputting a maximum of 1300 pieces per hour this screen printing machine is a powerhouse. As an added bonus this platform is the carousel screen printing machine that best uses the ROQflock and ROQfoil modules due to its independent print head elevation feature. This elevation system makes this screen printing machine especially efficient in printing with water based inks due to the fact that the printer can manage the time that the screen are in contact with the hot pallets. Being less time in contact means less evaporation of the inks, leading to less stops during the printing of the job, leading to more earnings for the shop.

The ROQprint Eco is built with top of the line materials. ROQ☐ biggest focus is to create and deliver a top quality machine that requires minimum maintenance. ROQ believes that the printer must spend the least amount of time setting up jobs, cleaning the screens or dealing with the maintenance of the machine. For this every part of the ROQprint Eco is top designed for durability and precision but always pushing for innovation without sacrificing any quality.

Still ROQ understands that having the best screen printing machine is not enough. When a printer makes the smart decision of acquiring a ROQprint Eco, the printer will also be acquiring a worldwide assistance network and a company that is committed to help and fix any situation that might arise. Usually these punctual issues are solved in record time due to the fact that in the engineering of this screen printing machine all of these factors were taken in account and it is very easy to find parts worldwide.

Presses:

E-ECU-P10L	8 Color Max, 10 Station Automatic Press
E-ECU-P12L	10 Color Max, 12 Station Automatic Press
E-ECU-P14L	12 Color Max, 14 Station Automatic Press
E-ECU-P16L	14 Color Max, 16 Station Automatic Press
E-ECU-P18L	16 Color Max, 18 Station Automatic Press
E-ECU-P20L	18 Color Max, 20 Station Automatic Press

Options:

- ECO Vacuum Version, with Suction Pallets;
- Laser Markers
- Flash Cure units
- Power and Control Connections for Flash are built into the machine base
- ROQ Flock
- ROQ Foil
- Skip Function

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ROQ NANO
AUTOMATIC TEXTILE PRINTERS

ROQ Nano TEXTILE PRESS

Features:
☐ Aluminum honeycomb pallets
☐ Squeegees with electric movement with ac variator☐
☐ Independent control panel on all print heads
☐ Choice of pneumatic screen holder: ☐U☐clamp or pin system;
☐ Print head independent elevation
☐ Central control panel with Polychromatic LCD touch screen (10☐
☐ Micro registration screen system with vernier scale
☐ Individual controls for managing print and flood speed, height
  and angle of the squeegees and stroke length

30 years of knowledge, experience and engineering condensed into a powerful screen printing machine for small prints. This screen printing machine is offered in one configuration, 10 pallets and 4 colors. The maximum printing area is 7.87☐by 7.87☐ This screen printing machine is an extremely powerful platform for printing smaller areas, such as t-shirts, sleeves or tags. It outputs an impressive 1200 pieces per hour. It uses specially designed flash units that are already embedded in the machine itself. It was designed to be small and still keep all the qualities of the ROQ screen printing machines, namely, the quality, durability, precision and reliability. Its smaller size makes it a perfect screen printing machine for smaller shops or to complement bigger machines. Having these market necessities in mind the ROQprint NANO was designed to fit through doors (the base of the machine is 31.5☐wide) and it can be moved without the need to level the machine lending the machine a unique set of uses and purposes.

The ROQprint Nano presents independent control panels in each print head. The print heads use an elevation central system. The printer can choose from a ☐U☐clamp or pin system pneumatic screen holder system. And as all the other ROQ screen printing machines it presents a central control panel with polychromatic LCD touch screen, micro registration screen system with Vernier scale and invidual controls for managing the print and flood speed, height and angle of the squeegees and the stroke length.

Built with top quality materials the ROQprint Nano has been shipped throughout the world. It was designed to need very little maintenance and its design ROQ took great care in using robust and easy to find parts. So that in the event of some part is to be needed its worldwide post service network will source the piece fast and make sure that the maintenance times are minimal. The ROQprint Nano was design to spend its working life printing, not setting up nor in maintenance.

So if you want to boost your business you should consider this marvellous screen printing machine, the ROQprint Nano.

Presses:
E-NANO-P10   4 Color Max, 10 Station Automatic Press

Options:
     Flash Cure units

ROQ OVAL RUN
AUTOMATIC TEXTILE PRINTERS

ROQ OVAL RUN TEXTILE PRESS

Features:
- ☐ Aluminum honeycomb pallets
- ☐ Squeegees with electric movement with ac variator☐
- ☐ Independent control panel on all print heads
- ☐ Choice of pneumatic screen holder: ☐U☐clamp or pin system;
- ☐ Print head independent elevation
- ☐ AC servo-motor rotation system
- ☐ Central control panel with Polychromatic LCD touch screen (10☐
- ☐ Print heads with high-lift position for quick and easy screen cleaningMicro registration screen system with vernier scale
- ☐ Individual controls for managing print and flood speed, height and angle of the squeegees and stroke length
- ☐ Placement of the Flash Cure units under the print head

This new automatic oval screen-printing machine is optimized to be highly efficient.

ROQ is always on the lookout for new opportunities. Lately in the market there is a new type of need. To cater for this need, ROQ had to create a new automatic oval screen-printing machine. ROQ portfolio on oval screen-printing machines is solid. Two platforms, the Oval Pro and the Oval Evolution. Each of these is the leader in its segment of market but a new segment is now available. There is a need for an industrial oval screen-printing machine that is budget friendly but at the same time with the traditional print quality that ROQ always delivers. This came as a challenge for the engineering department of ROQ.
There are 35 years of engineering combined into this oval machine. From this amass of experience the ROQprint RUN was created.

To be able to create a professional automatic oval screen-printing machine, capable of creating perfect prints, with a friendly budget the philosophy of construction needed to be different. The methods of construction are the same, the materials are the same, the basic functions are the same. There are differences. Both the Oval Pro and the Oval Evolution allow for any configuration. This is not possible on the ROQprint Oval RUN. The configuration is fixed. After

each print-head there are 2 open spaces that can be used for drying, foil or flock. This trait of the ROQprint Oval RUN allows for the price to be extremely competitive without compromising the quality of the machine or the work.

In the year 2000 ROQ was able to reinvent the automatic oval screen-printing machine. The ROQprint Oval RUN outputs 750 pieces per hour and is available for any part of the world.

Maximum print size 23☐x 32☐
Maximun Screen Size 30☐x 45☐

Presses:

E-ORUN-P20XL 6 Color Max, 20 Palettes, 6 Flash Conn*
E-ORUN-P26XL 8 Color Max, 26 Palettes, 8 Flash Conn
E-ORUN-P32XL 10 Color Max, 32 Palettes, 10 Flash Conn
E-ORUN-P38XL 12 Color Max, 38 Palettes, 12 Flash Conn
E-ORUN-P44XL 14 Color Max, 44 Palettes, 14Flash Conn
E-ORUN-P50XL 16 Color Max, 50 Palettes, 16 Flash Conn
E-ORUN-P56XL 18 Color Max, 56 Palettes, 18 Flash Conn
E-ORUN-P62XL 20 Color Max, 62 Palettes, 20 Flash Conn

*Flash Connections are optional.

Options:
- Laser Markers
- Power and Control Connections for Flash are built into the machine base;
- Flash Cure Cuits
- ROQ Flock
- ROQ Foil
- Skip Function

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ROQ OVAL PRO
AUTOMATIC TEXTILE PRINTERS

ROQ OVAL PRO TEXTILE PRESS

Features:
- Aluminum honeycomb pallets
- Squeegees with electric movement with ac variator
- Independent control panel on all print heads
- Choice of pneumatic screen holder: U clamp or pin system;
- Print head independent elevation
- AC servo-motor rotation system
- Central control panel with Polychromatic LCD touch screen (10
- Print heads with high-lift position for quick and easy screen cleaningMicro registration screen system with vernier scale
- Individual controls for managing print and flood speed, height and angle of the squeegees and stroke length
- Placement of the Flash Cure units under the print head

15 years ago ROQ decided to do something that no one had been able to create. An oval screen printing machine that hold registration with the same precision as a carousel press. It wasn't an easy task. For decades several companies had tried and failed. At that time it was the unicorn of automatic screen printing machines.

ROQ was still known by S. Roque and did not had the international projection it has today. Still in the year 2000 the first S. Roque oval screen printing machine rolled out of the factory. In 2015 we revisited this machine. It is running since day one without any registry problems. In 2000 it developed a flawless rotation system. The oval screen printing machine just won't lose registry! That is the main difference between ROQ's oval screen printing machines and the rest of the market.

This is the main factor that makes ROQ the Global Leader in Oval Screen Printing Machines.

Building the best oval screen printing machine sometimes might not be enough to become the world leader. To achieve leadership in the market ROQ also had to invest its resources in R&D so that the Oval Pro screen printing machine was able to answer every need of a screen printer. So ROQ included all the goodies, the aluminium honeycomb pallets, independent elevation of the print heads and also with high lift position for quick and easy screen cleaning,

many control systems and safety features that you can find in HERE.

Any periferic module is connected and synced with the central console including, flash dryers, ROQfoil, ROQflock, etc. This console allows the user to program the entire machine in the most efficient way and in the shortest time possible. This versatility is expanded in the sense that every print head has its own control panel to help during the setup phase.

This leads to the setup times. One of ROQ's concerns was to guarantee low setup times. The PRU (Positive Registration Unit) was design to help reduce the setup times, but every aspect of this process was taken in account.

So with its low maintenance, short setup times, most of the time the oval screen printing machine will be printing for you and adding value to your company

Presses:
E-OPRO-P16XL 16 Palettes, 6 Flash Conn*
E-OPRO-P20XL 20 Palettes, 8Flash Conn*
E-OPRO-P24XL 24 Palettes, 10 Flash Conn
E-OPRO-P28XL 28 Palettes, 12 Flash Conn
E-OPRO-P32XL 32 Palettes, 14 Flash Conn
E-OPRO-P36XL 36 Palettes, 16 Flash Conn
E-OPRO-P38XL 38 Palettes, 17 Flash Conn
E-OPRO-P44XL 44 Palettes, 20 Flash Conn
E-OPRO-P50XL 50 Palettes, 23 Flash Conn
E-OPRO-P62XL 62 Palettes, 26 Flash Conn
Flash Connections are optional.

Options:
    Laser Markers
    Power and Control Connections for Flash are built into the machine base;
    Flash Cure Cuits
    ROQ Flock
    ROQ Foil
    Skip Function

VASTEX EQUIPMENT
V2000HD Press

Features:
☐ 100%Wrench free adjustments£
☐ Heavy duty. never warp steel palettes
☐ Adjustable 6 way screen leveling
☐ Gas lifters with 16 position variable lift strength
☐ Precise, holds accurate multicolor printing registration
☐ Accurate, embedded registration bearings (close to the screen, stays clear of spray tack)
☐ Flexible, prints all heads down
☐ Strong, 12" wide steel rear screen clamps joined by a steel clamp bar for off center clamping 2.75" precision ground center shaft
☐ Durable, 3" square steel rotor arm with ruler indicator
☐ Innovative, elevated Pallets ☐ no need to stretch shirts over the arm (also compatible with quick stretch jacket attachment)
☐ Zero backlash bearings on screen arm pivot
☐ Convenient, adjustable micro clamp levers
☐ Expandable, upgrade at any time from 1 station 1 color tabletop to 10 station 10 color rotary floor press!
☐ 25 year limited warranty. Gas springs and rubber pallet tops covered for 3 years.

The Vastex V-2000HD Series of heavy-duty manual screen printing presses offers the screen printing professional an unequalled range of advanced capabilities that decrease set up time, improve registration accuracy and increase productivity.

Backed by an unprecedented 25-year warranty, these are industrial-strength machines in every respect, with steel-tube legs, 3 in. square steel rotor arms, heavy-gauge steel rotor assemblies, and never-warp steel pallets, with all critical moving parts ☐ including registration wheel locks ☐ gliding on ball bearings.

V-2000HD screen printing presses are offered in models from one-station/ one-color to 10-stations/ 10-colors in increments of one station and/or one color. Fully expandable, they allow growing shops to start small and add stations and print heads to boost output or achieve special effects.

The V-2000HD heavy duty print head allows the industry's fastest set-up and micro-registration, and accepts clamp-on DiGiT☐ athletic numbering jigs and side-clamp accessories in 20 seconds.

FLOOR MODELS:

E-V2HD-FP14	Manual Textile 1 Station 4 Color
E-V2HD-44	Manual Textile 4 Station 4 Color
E-V2HD-46	Manual Textile 4 Station 6 Color
E-V2HD-66	Manual Textile 6 Station 6 Color
E-V2HD-88	Manual Textile 8 Station 8 Color
E-V2HD-1010	Manual Textile 10 Station 10 Color

TABLE MODELS:

E-V2HD-11-T	Manual Textile 1 Station 1 Color
E-V2HD-14-T	Manual Textile 1 Station 4 Color

ALL OVER PRESS FLOOR MODEL
E-V2HD-FP11   Manual Textile 1Station 1Color

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VASTEX EQUIPMENT V1000 Press

Features:

☐ Long lasting steel Pallets w/ rubber tops - interchangeable with the V-2000
☐ Accurate micro-registration
☐ Precise, holds accurate multicolor printing registration
☐ Floating Head, 3 point bearing lock allows multiple heads down
☐ Adjustable 6 way head leveling adjustment
☐ Holds up to 21" x 28" screens
☐ Expandable from 1 table, 1 color (1x1) to 8 table, 8 color (8x8)
☐ Can even ship UPS in multiple boxes
☐ 3 year warranty on manufacturer's defects

Vastex engineered the V-1000 manual garment printer to meet the needs of the commercial-grade screen printer. The V-1000 uses the industry's most unique floating head design. Accurate registration can be achieved without the high cost associated with machines of this capacity.

V-1000 screen printing presses are offered in tabletop and floor standing models from one-station/ one-color to 8-stations/ 8-colors in increments of one station and/or one color. Fully expandable, they allow growing

shops to start small and add stations and print heads to boost output or achieve special effects.

TABLE MODELS:

E-V1-T11	Manual Textile 1 Station 1 Color
E-V1-T12	Manual Textile 1 Station 2 Color
E-V1-T14	Manual Textile 1 Station 4 Color
E-V1-T16	Manual Textile 1 Station 6 Color

FLOORMODELS:

E-V1-44	Manual Textile 4 Station 4 Color
E-V1-46	Manual Textile 4 Station 6 Color
E-V1-66	Manual Textile 6 Station 6 Color

VASTEX EQUIPMENT V100 PRESS

Features:

☐ Quality results achieved using registration-critical components from Vastex commercial and industrial models
☐ Accurate Floating head 3-point bearing locks for pinpoint registration
☐ Low cot, innovative new design using fewer parts, lighter-duty construction, tabletop-only configuration, maximum 4-station/4-colors, omission of ultra-quick registration micros, and shipping disassembled
☐ Expandable from 1-station, 1-color (1x1) to 4-station, 4-color (4x4)
☐ Adjustable screen off-contact and level adjustments
☐ Maximum screen width (4-station, 4-color configuration all heads down): 21" (51 cm)
☐ Can even ship UPS in multiple boxes
☐ One year warranty on manufacturer's defects

All-new V-100 tabletop screen printing presses are engineered specifically for 1- to 4-color garment printing, overflow printing, and printing in restricted spaces such as spare rooms and mobile shops ☐ at low costs generally associated with machines of lesser accuracy and durability.

Quality results are achieved by retaining critical components from Vastex's commercial and industrial models: no-warp steel pallets, screen off-contact and level adjustments, rotor detent for positive engagement of pallets, and three-point bearing locks providing pin-point registration of print-heads-to-pallets and allowing all-heads-down printing. The V-100-11 1-station, 1-color base model is expandable, allowing the addition of individual pallet stations and print heads as needs grow. Compared with commercial and industrial presses from Vastex, V-100 presses are characterized by lighter-duty construction, tabletop-only configuration, omission of quick registration micros, increased use of fasteners versus welds, and shipping of units disassembled in multiple cartons.

Approximate assembly time is two to four hours.

MODELS:

E-V100-11	Manual Textile 1 Color 1 Station
E-V100-14	Manual Textile 4 Color 1 Station
E-V100-24	Manual Textile 4 Color 2 Station
E-V100-44	Manual Textile 4 Color 4 Station

BWM HOPKINS
ProLine II Press

Features:
- Solid Billet Aluminum Print Head Wheel
- Industrial Grade Bearings
- Extruded Aluminum Clamp
- Billet Aluminum Print Heads
- 100% Wrenchless□
- Micro Registration
- Ultimate Micros□
    - Dual Off-Contact Micro Adjustment
    - Screen Tilt Micro Adjustment
- Durable Powder Coated Finish
- 26□OD Screen Frame Capacity*
- 4, 6 or 8 Print Stations, 4,6,8,10, 12 or 14 Print Heads
- 16□x 16□Shirt boards included for each print station**
- Adjustable Roller Bearing
- Cam Indexing (RB) or Spring Plunger Indexing (SP) System
- Positive Lock Indexing System
- Pedestal Style Base 2□ 2.5□or 3□Diameter Shaft Leg Levelers

BWM Hopkins is proud to introduce the newest member of their screen printing family, the ProlineII□ . Built with the same Hopkins quality and integrity as the original ProLine□ , this press is built with a precision machined solid billet aluminum print head wheel that is ultralight and sturdy. The all aluminum printheads include our Ultimate Micros□ which offer dual independent off-contact micro adjustment and screen tilt micro adjustment, in addition to the X and Y axis micro adjusters. All of which can be adjusted without tools. Both print head wheel and print station wheel rotate on large diameter industrial grade bearings.

MODELS:

E-BWM -11906	4 Color 4 Station
E-BWM -11914	4 Color 4 Station All Arms Down
E-BWM -13110	6 Color 4 Station
E-BWM -13149	6 Color 6 Station
E-BWM -13134	6 Color 6 Station All Arms Down
E-BWM -14425	8 Color 4 Station
E-BWM -14433	8 Color 8 Station
E-BWM -114422	8 Color 8 Station All Arms Down
E-BWM -17424	10 Color 4 Station
E-BWM -17426	10 Color 8 Station
E-BWM -17444	12 Color 4 Station
E-BWM -17446	12 Color 8 Station

BWM HOPKINS
Convertable Press

Features:
- Micro Registration
- Industrial Grade Bearings
- Extruded Aluminum Clamp
- All Aluminum Print Heads
- 100% Wrenchless□
- 4, 6 or 8 Print Heads
- 4, 6 or 8 Print Stations
- 16□x 16□Shirt board included for each print station
- Adjustable Roller Bearing Cam Indexing System (RB)
- Positive Lock Indexing System
- Pedestal Style Base
- 2□Diameter Shaft
- Leg Levelers
- Durable Powder Coated Finish

Built with BWM/Hopkins quality and integrity, loaded with standard features at a value price, this BWM/Hopkins press is designed to give years of service. As your screen printing needs grow, you can upgrade the 4 color model to a 6 color press or convert the 6 color model to an 8 color press. The print head wheel and rotary base are precision cut out of steel. This makes it light, strong, and extremely rigid so registration is not compromised. Both print head wheel and print station wheel rotate on large 2□diameter industrial grade bearings. Print heads are 100% wrenchless! No tools necessary! A two-year parts warranty is standard on all new BWM/Hopkins presses.

MODELS:

Standard Micros	Ultimate Micros	
E-BWM -11442	E-BWM-11443	4 Color 4 Station*
E-BWM -11642	E-BWM-11643	6 Color 4 Station
E-BWM -11662	E-BWM-11663	6 Color 6 Station
E-BWM -12642	E-BWM-12643	6 Color 4 Station* **
E-BWM -12662	E-BWM-12663	6 Color 6 Station* **
E-BWM -12682	E-BWM-12683	6 Color 8 Station* **
E-BWM -11842	E-BWM-11843	8 Color 4 Station**
E-BWM -11862	E-BWM-11863	8 Color 6 Station**
E-BWM -11882	E-BWM-11883	8 Color 8 Station**

*26 OD Screen Capacity - 92 Overall Diameter
 Other presses have a 23 OD Screen Capacity
**Large 35 Diameter Center Wheel - 103 Overall Diameter

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BWM HOPKINS
Startingline Press

Features:
☐ Micro Registration
☐ Industrial Grade Bearings
☐ Extruded Aluminum Clamp
☐ All Aluminum Print Heads
☐ 4 Print Stations
☐ 14" X 14" Shirt boards Included with each print station
☐ Spring Plunger Indexing System
☐ Pedestal Style Base
☐ Leg Levelers
☐ Durable Powder Coated Finish

The BWM/Hopkins Startingline™ press provides the small shop printer with a feature filled, affordably priced press. Available in a 4 color, single/dual station bench model or, pick from a full line of floor models that include a choice of 4 or 6 color model with 4 print stations. The Startingline™ series of presses use precision laser cutting for the base, indexer, and print head wheel. Print heads are machined from extruded aircraft quality aluminum. Standard micros on all floor model print heads put this economically priced press in a league of it's own. Quality, Performance, and Durability... What else would you expect from BWM/Hopkins? Preferred by manual printers for more than 35 years. A two-year parts warranty is standard on all new BWM/Hopkins presses..

MODELS:
E-BWM -11140	1 Color Bench Model
E-BWM -11141	4 Color Bench Model
E-BWM -11404	4 Color 1 Station
E-BWM -11401	4 Color 4 Station
E-BWM -12410	6 Color 4 Station

REPLACEMENT PARTS:
E-RHP-BOLR	Nylon Bolt
E-BWM-94400	Spring

BWM HOPKINS
Accessories

SPECIFICATIONS
Wooden Shirt Boards
E-BWM-33000	Bracket Assembly
E-BWM-33008	8" x 10" w/bracket
E-BWM-33009	10" x 10" w/bracket
E-BWM-33010	12" x 14" w/bracket
E-BWM-33011	14" x 14" w/bracket
E-BWM-33012	16" x 16" w/bracket
E-BWM-33013	18" x 18" w/bracket
E-BWM-33014	15" x 20" w/bracket
E-BWM-33016	7" x 33" w/bracket

Wooden shirt boards are also available without a bracket.

Aluminum Shirt Boards

E-BWM-33009AR	10" x 10" w/bracket
E-BWM-33011AR	14" x 14" w/bracket
E-BWM-33012AR	16" x 16" w/bracket
E-BWM-33013AR	18" x 18" w/bracket

Aluminum shirt boards are available with or without and 1/8" rubber coating. Also available without a bracket.

Wooden Sleeve Boards
E-BWM-33027	3" x 18-3/4"
E-BWM-33028	4" x 18-3/4"
E-BWM-33029	5" x 10"
E-BWM-33032	5" x 18" w/bracket, tapered
E-BWM-33021	3" x 18.75" Double Sleeve
E-BWM-33022	4" x 18.75" Double Sleeve
E-BWM-33023	5" x 10" Double Sleeve

This side clamp design will retrofit all Hopkins back clamp style presses plus many other presses.

☐ Will accept most screens including: aluminum, wood, and roller frames.
☐ Made from super heavy duty aluminum.
☐ Will work with most back-clamp style manual presses

E-BWM-USC   Universal Side Clamp

Livingston Systems

Livingston Wood Platens

Livingston Systems Wood platens have an ideal shoulder profile angle and neck design, and will fit onto any printing press. Price does not include bracket to adapt to your printer. Livingston Systems wood platens provide a dependable and economical option for your printing needs. Custom sized platens available upon request.

E-SC-PW1012	10 X 12	Wood Platen
E-SC-PW1416	14 X 16	Wood Platen
E-SC-PW1618	16 X 18	Wood Platen
E-SC-PW0523	5 X 23	Sleeve Wood Platen

Livingston Aluminum Platens

The Alumi-Bond platen s aluminum top provides a surface that resists warping under continuous flashing. Alumi-Bond platens are air vented, lightweight, dependable and economical. A wood bottom allows for quick and easy bracket mounting on any printing press. Price does not include bracket to adapt to your printer. Custom sized platens available upon request.

E-SC-1012	10 x 12	Aluminum Platen
E-SC-1416	14 x 16	Aluminum Platen
E-SC-1618	16 x 18	Aluminum Platen
E-SC-14620	16 x 20	Aluminum Platen

Livingston Pocket Champ

The Pocket Champ s 4 x 4 printing area allows you to print shirt pockets and koozies easily. The Pocket Champ slides onto your platen and thumb screw tightens to the board.

E-PC-W   Pocket Champ

Livingston Hat Champ

The Hat Champ is designed to fit on any press. You do not need special screens you can use your regular screens. The platens are exchangeable, they thumb screw on and off so you can print on all types of caps and visors. The platens come with two removable foam pads, one with a groove for ease in printing on the seamed six panel caps. Hat Champ s unique pull and lock system holds secure enough for multi-color printing no adhesive required. It features micro-registration on level and height. An instructional video is included with helpful printing tips.

Hat Champ Styles

E-SC-1-HCW	Hat Champ #1 (Standard) 6 x3.375 Platen
E-SC-2-LPPW	Hat Champ #2 (Low Profile) 6 x2.875 Platen
E-SC-3-LLPPW	Hat Champ #3 (Low Low pofile) 6 x2.625 Platen
E-SC-4-VPW	Hat Champ #4 (Visor) 6 x1.5 Platen

POCKET MASTER

☐ QUICK AND ACCURATE ALIGNMENT dramatically increases production

☐ MULTIPLE USES include pockets, sleeves, tiny t-shirts & left chest imprints

☐ MULTI-COLOR & FLASH CURE capabilities

☐ SOLID STAINLESS STEEL construction

☐ UNIVERSAL MOUNT fits all t-shirt boards

☐ SNAG-FREE INDEXING due to smooth round edges

☐ ATTACHES IN SECONDS with thumb screws

POCKET MASTER   Pocket Master Attachment

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Brown Manufacturing
Number Printer

ROQ FLASH UNITS

The Brown Number Printer has been the first class answer to fast, mistake free numbering for over 20 years. These units focus on features that improve your profitability through speed, accuracy and repeatability. The standard features listed below are only available on the Brown Number Printer. Check out the Brown difference...profit driven machine design.

Features:

☐ LazerLoad. Know exactly where to load the garment with the LazerLoad grid on the platen.

☐ Split Platens. Eliminates the possibility of making a shadowed print by angling the other half of the platen away from the screen.

☐ Locking Registration system. This exclusive Brown indexing system guarantees the platen locks in the correct position every time.

☐ Glass Backlit Platen. Tempered glass with fluorescent back lighting illuminates up through the shirt and screen.

☐ Pin Registration. Preregistered screens means this unit can be set up by anyone in less than 2 minutes.

☐ Side Clamping. For solid registration and off contact.

☐ Linear Motion Bearings. The platen trolley runs effortlessly and with zero loose motion.

☐ Training. With all of our standard features, training anyone new takes only a few minutes.

☐ Ergonomically Friendly. With lighter weight frames for easier screen lifting and a smaller production area, printing is a breeze.

☐ Expandable. Start with the standard Number Printer, the NP-411P. Then, as you grow, add some or all of the outstanding production enhancement options

Model Specifications:

	Colors	Trollys	Flash	Platen
NP-411P	2	1	No	14☐x 14☐
NP-611P	2	1	Yes	14☐x 14☐
NP-812P	2	2	Yes	14☐x 14☐

ROQdry RUN

Features:

☐ Analogic control panel;
☐ 3 selectable drying areas;
☐ Controlable temperature;
☐ Heat transmission by convection and radiation;
☐ Suitable for larger drying areas;
☐ Test function;☐   Several power options available;

ROQdry RUN, is a flash cure unit that can answer to any need that a printer can have. After exploring, experimenting and evolving the technology of the flash units ROQ decided to create the ROQdry RUN. A powerful and versatile platform it is a construction optimized for performance.

E-ROQ-DRYRUN   Dry Run Flash Unit

VASTEX
F SERIES FLASH UNITS

VASTEX
RED FLASH UNITS

F100 & F1000

F100 Features:

- ☐ 15 Year Heater Warranty
- ☐ 1,625 Watt, 120V or 240V, IR Heater
- ☐ On/off power switch
- ☐ Heavy duty side handles
- ☐ Head leveler to adjust the heater parallel to the pallet
- ☐ Heat shields for even heater temperature

F1000 Features:

- ☐ 15 Year Heater Warranty☐§
- ☐ ,950 Watt/120V or 2,600 Watt/240V, IR Heater
- ☐ Heat control with power lights
- ☐ Heavy duty side handles and locking wheels
- ☐ Head leveler to adjust the heater parallel to the pallet
- ☐ Heat shields for even heater temperature

Entry level Flash Cure with 16" x 16" (41 x 41 cm) heater or mid level flash with 18" x 18" (46 x 46 cm) heater, head leveler, heat controls and a 15 year heater warranty.

High wattage and close coil density heater, for greater heater surface consistency.

Powerful heaters with built-in heat shields allow Vastex flashes to be set closer to your garment, which increases efficiency and productivity.

Model Specifications:

E-VF100-120	F100 16x16☐	120 volt
E-VF100-240	F100 16x16☐	240 volt
E-VF1000-120	F100 18x18☐	120 volt
E-VF1000-240	F100 18x18☐	240 volt

RED FLASH

Features:

- ☐ Adjustable Heat Control
- ☐ Casters Included
- ☐ 15 Year Heater Warranty
- ☐ 3 Year Bumper to Bumper Warranty☐ Head rotates 360°
- ☐ 18" x 18" or 18" x 24" models available
- ☐ User friendly diagnostic pilot lights
- ☐ Convenient heavy-duty side handles
- ☐ Low profile 2 3/4" head height
- ☐ Adjustable height
- ☐ 240 volt models available
- ☐ Low cost maintenance
- ☐ Vented heat shield
- ☐ Anti-rust treatment on all painted steel
- ☐ Flash plastisol in 7-10 seconds

Premium Flash Cure with 18" x 18" (46 x 46 cm) or 18" x 24" (46 x 61 cm) heater, three heater wattages available, adjustable heat control and a 15 year heater warranty.

Model Specifications:

E-VR18-240 H	R18 16x18☐	120 volt	2600 watt
E-VR18-240 HR	R18 16x18☐	120 volt	3500 watt
E-VR1824-240 H	R18 18x24☐	120 volt	3500 watt

Auto Flash Units

E-VR18-240 SHAF	R18 16x18☐	120 volt	2600 watt
E-VR18-240 SHRAF	R18 16x18☐	120 volt	3500 watt
E-VR1824-240 SHAF	R18 18x24☐	120 volt	3500 watt

Auto Flash Units with Heavy Duty Stand

E-VR18-240 SHAFS	R18 16x18☐	120 volt	2600 watt
E-VR18-240 SHRAFS	R18 16x18☐	120 volt	3500 watt
E-VR1824-240 SHAFS	R18 18x24☐	120 volt	3500 watt

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VASTEX AIR FLASH UNITS

AIR FLASH

Features:

- ☐ Air only, full heat and air, or modulate air velocity and heat.
- ☐ Adjustable heat shield helps maintain heater surface consistency
- ☐ 15 Year Heater Warranty
- ☐ Large filtered air intake delivers clean air to heater
- ☐ Heat, air speed, heat shield, height and level
- ☐ Air cooled outer skin and side handles
- ☐ Flash plastisol in as little as 4 seconds
- ☐ Heavy duty side handles & locking casters

The Air-Flash☐ Cure Station from Vastex combines infrared heating with forced air to heat the ink while cooling the garment.

This prevents the high heat needed to melt plastisol inks from melting, shrinking or burning nylon, polyester, Dazzle cloth, Spandex and other heat-sensitive fabrics.

With water-based inks that require moisture removal for drying, the flow of forced air across the infrared-heated ink accelerates evaporation, significantly reducing the time and energy needed to flash-dry each garment.

Model Specifications:

E-VRA18-240-SH	R18 18x18☐	240 volt	3500 watt
E-VRA1824-240-SH	R18 18x24☐	240 volt	4300 watt

Auto Flash Units

E-VRA18-240 SHAF	R18 18x18☐	240 volt	3500 watt
E-VRA1824-240 SHAF	R18 18x24☐	240 volt	4300 watt

Auto Flash Units with Heavy Duty Stand

E-VR18-240 SHAFS	R18 18x18☐	240 volt	3500 watt
E-VR1824-240 SHRAFS	R18 18x14☐	240 volt	4300 watt

BBC FLASH UNITS

BBC AFFORD-A-FLASH SPOT HEATERS

Black Body Corporation introduced their latest spot dryers as an economy heater These economy heaters include all steel heavy duty construction. Casters allow easy movement to work stations. Plastic handle allows operator to swivel head or roll entire unit to another location. Heavy duty 10☐ cord. These units are on constantly as long as they are left plugged in. A bracket and heat control unit may be purchased separately.

	Element	Watts	Volts	Amps
E-BBC-LC1600	16X16	1575	120	13.3
E-BBC-LC1800	16X16	1850	240	7.7
E-BBC-LC2200	18X18	2223	120	18.5
E-BBC-LC2700	18X18	2708	240	11.3

Options;

E-BRACKET	Bracket for heat control
E-HEAT CONTROL	

BBC SPOT HEATERS AND BBC FLASH-A-MATIC ADAPTOR

Black Body Corporation offers an automatic swivel-head flash unit for the printer that doesn☐ want to constantly watch for cure time when drying. Operates by foot pedal. Priced right for any shop.

Spot Heater Shown With Flash-A-Matic Option

E-BF1-1600SD*	16 X16	Spot Heater	1575 Watt
E-BF1-1800SD**	16 X16	Spot Heater	1873 Watt
E-BF2-2000SD*	18 X18	Spot Heater	1941 Watt
E-BF2-2600SD**	18 X18	Spot Heater	2708 Watt
E-BF3-3001SD**	18 X24	Spot Heater	3127 Watt
E-BF$-4000SD**	24 X24	Spot Heater	3958 Watt
E-BF5-5500SD**	28 X28	Spot Heater	5500 Watt

*120 Volt
**240 Volt

E-BFA-009/FS	Flash-A-Matic Adaptor

BROWN FLASH UNITS

FastFlash□

FastFlash **AutoFlash**

FastFlash units are specifically designed to successfully flash cure in seconds and fully cure in 20 to 60 seconds. They allow height adjustment of from 30□to 40□ All units are equipped with c asters and rheostat controls. the calrods in the heaters are warranteed for 3 years.

Automatic Flash Both models can be purchased with a timer that moves the head out over the platten for a specified period of time, and then returns to the home position. This insures a perfect flash and eliminates the risk of leaving the head over the top of the platten.

Model Specifications:

Model	Heat Area	Power	Amps
Manual Units			
E-BR-FF-1616	16□x 16□	120V	15A
E-BR-FF-2020	20□x 20□	240V	15A
Automatic Units			
E-BF-FFA-1616	16□x 16□	120V	15A
E-BF-FFA-2020	20□x 20□	240V	15A

QuartzAir□ Flash

QuartzAir flashes have foot switch controlled timers for instant on and repeatability. They feature forced air, a prewarmer, and independent zone control

Brown

Model Specifications:

Model	Heat Area	Power	Amps
QuartzAir			
E-BR-QF-1618	16□x 18□	240V	25A
E-BR-QF-2024	20□x 24□	240V	35A

VASTEX BIG RED 4D DRYER

Features:
□ 15 Year Waranty on Heaters.
□ Quiet: All BigRed models are 20% quieter that earlier models.
□ A Hand Crank Raises or Low heat panels simultaneously from 2 to 7 in from the Belt.
□ Make-up Air and Negative Exhaust Air Removes Moisture and Fumes Ultra-Fast.
□ Filtered air intake prevents dust contamination of images. Filtered exhaust prevents garment lint from entering the blower or exhaust stack.
□ Temperature Controller is Accurate to ± 1°F
□ Unique Cooling Bed Cools Garments as They Exit the Chamber.
□ Heavy Duty Belt Tracking System.

Description:
BigRed 4D Series dryers are slimmer and more powerful for curing DTG, water-based, plastisol or discharge inks. Offered in either 30" or 54" belt widths with pre-heating booster zone, high-efficiency air flow mapping system plus four infrared heaters, these robust machines can cure up to 144 garments/h printed with digital white ink, 432/h screen printed with water-based ink and 950/h screen printed with plastisol ink.

BigRed 4D Series dryers in 30 and 54 in. belt widths are the largest and most powerful dryers engineered specifically for DTG digital inks and/or screen-printed plastisols, water-based inks and discharge, making them ideal for high-volume DTG shops, as well as automatic screen printing operations requiring high capacities.

Model BR4D-V30 with a 30 in. wide belt and four 24 in. wide heaters (total 11,400 watts) cures 72 garments/h printed with DTG/digital white ink at 2.5 minutes dwell time, 216 garments/h with water-based ink or discharge, and 475 garments/h with plastisol ink. .

Model BR4D-V54 with a 54 in. wide belt and four 48 in. wide heaters (total 22,800 watts) cures 144 garments/h printed with DTG/digital white ink at 2.5 minutes dwell time, 432 garments/h with water-based ink or discharge, and 950 garments/h with plastisol ink.
Capacity of both models can be doubled, tripled or quadrupled by adding one, two or three modular heating chambers.

Models:
E VBR 4D 30 - 30" Wide, 11400W Heater, 240V
E VBR 4D 54 - 54" Wide, 22800W Heater, 240V, 3 Phase

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VASTEX
Econored III

30″ model shown.

Slimmer profile, and 20% quieter than earlier models, these high production dryers are available in 30" and 54" belt widths, and in single- or double-heating chamber configurations. EconoRed II dryers can cure up to 1,200 plastisol-printed garments/hour or up to 400/hr with water-based ink or discharge. EconoRed III models can cure up to 1,900 plastisol-printed garments/hr or up to 600/hr with water-based or discharge inks.

EconoRed III dryers in 30 and 54 in. belt widths cure garments screen-printed with plastisols, water-based inks or discharge at higher rates, in a smaller footprint, at lower cost and more quietly than the BigRed3 dryers they replace.

Model ER-III-30, with 30 in. wide belt and three 24 in. wide heaters (total 10,800 watts) cures up to 475 plastisol-printed garments/h, or 100 garments/h screen-printed with water-based ink or discharge. .

Model ER-III-54, with 54 in. wide belt and three 48 in. heaters (total 21,600 watts) cures up to 950 plastisol-printed garments/h, or 300 garments/h screen-printed with water-based ink or discharge. .

Capacity of both models can be doubled, tripled or quadrupled by adding one, two or three modular heating chambers and conveyor belt extensions - as new or when needs grow. .

A top-mounted ventilation system filters exhaust air, cools the enclosure's outer skin, and evacuates moisture and fumes from the heating chamber. It also makes ER-III dryers over 20 percent quieter and 5 in. narrower, and allows the control box to be positioned the right side (standard) or left side of the enclosure to suit shop layouts.

Features:

□ 15 Year Warranty on Heaters.
□ Quiet: 20% quieter than earlier models.
□ Adjustable, Infrared Focusing System allows 2 - 7 in. belt-to-heater height adjustment.
□ Filtered air intake provides clean curing air to preserve images from contamination.
□ Temperature controller accurate to ±1°F
□ Focused exhaust system removes moisture and fumes fast.
□ Add heat chambers and belt extensions.
□ Engineered to be shorter and slimmer with high heat and production.

MODELS:
E VEC III 30 -   30" WIDE, 3-3600W HEATERS
E VEC III 54 -   54" WIDE, 3-7200W HEATERS

VASTEX
Econored II

54″ model shown

Slimmer profile, and 20% quieter than earlier models, these high production dryers are available in 30" and 54" belt widths, and in single- or double-heating chamber configurations. EconoRed II dryers can cure up to 1,200 plastisol-printed garments/hour or up to 400/hr with water-based ink or discharge. EconoRed III models can cure up to 1,900 plastisol-printed garments/hr or up to 600/hr with water-based or discharge inks.

EconoRed III dryers in 30 and 54 in. belt widths cure garments screen-printed with plastisols, water-based inks or discharge at higher rates, in a smaller footprint, at lower cost and more quietly than the BigRed3 dryers they replace.

Model ER-III-30, with 30 in. wide belt and three 24 in. wide heaters (total 10,800 watts) cures up to 475 plastisol-printed garments/h, or 100 garments/h screen-printed with water-based ink or discharge. .

Model ER-III-54, with 54 in. wide belt and three 48 in. heaters (total 21,600 watts) cures up to 950 plastisol-printed garments/h, or 300 garments/h screen-printed with water-based ink or discharge. .

Capacity of both models can be doubled, tripled or quadrupled by adding one, two or three modular heating chambers and conveyor belt extensions - as new or when needs grow. A top-mounted ventilation system filters exhaust air, cools the enclosure's outer skin, and evacuates moisture and fumes from the heating chamber. It also makes ER-III dryers over 20 percent quieter and 5 in. narrower, and allows the control box to be positioned the right side (standard) or left side of the enclosure to suit shop layouts. .

Features:

□ 15 Year Warranty on Heaters.
□ Quiet: 20% quieter than earlier models.
□ Infrared Focusing System allows 2 - 7 in. belt-to-heater height adjustment to accommodate bulky garments or hats, and can be customized to provide additional heater clearance
□ Heavy duty DC belt speed motor with digital voltage display
□ Temperature controller accurate to ±1°F
□ "X-Series" Conveyor Belt Tracking System
□ Add heat chambers and belt extensions.
□ Engineered to be shorter and slimmer with high heat and production.

MODELS:
E VEC II 30 -   30" WIDE, 2-3600W HEATERS
E VEC II 54 -   54" WIDE, 2-7200W HEATERS

VASTEX
Littlered X3

30□model shown

Mid- to high-capacity dryers with 30 or 54 in. wide belts. 120V/2,000 watt single-heater models up to 240V/15,600 watt three-heater models offer capacities from 90 to 720 plastisol-printed garments/h and 45 to 240/h screen printed with water-based ink.

The Little Red X3 Conveyor Dryer from Vastex offers a 41 in. long heating chamber that houses three infrared heaters, closely aligned with no gaps, to maintain a constant curing temperature while the garments travel the length of the conveyor.

Inside the heating chamber, the three height adjustable infrared heaters raise the temperature of the ink (not the air inside the chamber) with sustained intensity to maximize curing efficiency.

The Little Red X3-30 model with 30 in. wide x 88 in. long conveyor belt is offeredwith three 24 in. (61 cm) wide 240V/2,600 watt heaters (total wattage 7,800 w) to cure up to 360 plastisol-printed images or water-based or discharge printed images per hour.

The Little Red X3-54 model with 54 in. wide x 88 in. long conveyor is equipped with three 48 in. wide 240V/5,200 watt infrared heaters (total wattage 15,600 w) to cure up to 720 plastisol-printed images or 240 water-based or discharge printed images per hour.

Capacity of both models can be expanded as needs grow by adding modular heating chamber(s) and longer conveyor belts.

Features:
□ 15 Year Warranty on Heaters.
□ Cool: powerful exhaust system the outer cabinet while removeing moisture and fumes fast.
□ Digital PID temperature controller accurate to ±1°F
□ 2 - 7 in. belt-to-heater clearance, adjustable separately on each side for each heater.
□ Add heat chambers and belt extensions.
□ "X-Series" Conveyor Belt Tracking System with Teflon coated fiberglass belt.
□ Efficient: DC belt speed control with digital display.

MODELS:
E VEC X3 30 - 30" WIDE, 3-2600W HEATERS
E VEC X3 54 - 54" WIDE, 3-5200W HEATERS

3 Phase upgrade available.

VASTEX
Littlered X

54□model shown

Mid- to high-capacity dryers with 30 or 54 in. wide belts. 120V/2,000 watt single-heater models up to 240V/15,600 watt three-heater models offer capacities from 90 to 720 plastisol-printed garments/h and 45 to 240/h screen printed with water-based ink. capacities go to Little Red X1 models.

The Little Red X2-30 model with 30 in. wide x 84 in. long conveyor belt is offered with two 24 in.wide 240V/2,600 watt heaters to cure up to 260 plastisol-printed images or 90 discharge or water-based printed images per hour.

The Little Red X2-54 model with 54 in. wide x 84 in. long conveyor is equipped with two 48 in. wide 240V/5,200 watt infrared heaters to cure up to 520 plastisol-printed images or dry 180 discharge or water-based printed images per hour.

Capacity of both models can be expanded as needs grow by adding modular heating chamber(s) and longer conveyor belts.

The all-new series of Little Red Conveyor Dryers from Vastex offers expandability, repeatable results and fast payback never before available to mid/high-capacity textile printers.

Features:
□ l5 Year Warranty on Heaters.
□ 2 - 7 in. belt-to-heater clearance, adjustable separately on each side for each heater.
□ Closely spaced coils provide high-density, medium-wavelength infrared heat for maximum cure speed without cold spots or under-curing.
□ Powered exhaust system cools the outer cabinet while evacuating moisture and fumes.
□ Digital PID temperature controller accurate to ±1°F.
□ Low friction belt aligner and DC belt speed control with digital display.
□ "X-Series" Conveyor Belt Tracking System with Teflon coated [a] fiberglass belt.

MODELS:
E VEC X2 30 - 30" WIDE, 2-2600W HEATERS
E VEC X2 54 - 54" WIDE, 2-5200W HEATERS

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VASTEX
Econored X1

Mid- to high-capacity dryers with 30 or 54 in. wide belts. 120V/2,000 watt single-heater models up to 240V/15,600 watt three-heater models offer capacities from 90 to 720 plastisol-printed garments/h and 45 to 240/h screen printed with water-based ink.

The Little The all-new series of Little Red Conveyor Dryers from Vastex offers expandability, repeatable results and fast payback never before available to mid-capacity textile printers. Following are details on Little Red X1 models. For higher capacities go to Little Red X2 models.

The Little Red X1-30 model with 30 in. wide x 48 in. long conveyor belt is offered with a 24 in. wide 120V/2,000 watt heater to cure up to 90 plastisol-printed images or 45 discharge or water-based printed images per hour, or a 24 in. wide 240V/2,600 watt heater to cure up to 130 plastisol-printed images or 45 discharge or water-based printed images per hour.

The Little Red X1-54 model with 54 in. wide x 66 in. long conveyor is equipped with a 48 in. (122 cm) wide 240V/5,200 watt infrared heater to cure up to 260 plastisol-printed images or dry 90 discharge or water-based printed images per hour.

Capacity of both models can be expanded as needs grow by adding modular heating chamber(s) and longer conveyor belts.

Features:
☐ 15 Year Warranty on Heaters.
☐ 2 - 7 in. belt-to-heater clearance, adjustable separately on each side for each heater.
☐ Closely spaced coils provide high-density, medium-wavelength infrared heat for maximum cure speed without cold spots or under-curing.
☐ Digital PID temperature controller accurate to ±1°F.
☐ Low friction belt aligner and DC belt speed control with digital display.
☐ "X-Series" Conveyor Belt Tracking System with Teflon coated fiberglass belt.
☐ Add 18 in. and 36 in. chambers and/or 18 in. belt extensions.

Models:

E VLR X1 30	30" WIDE, 1-2000W HEATER, 120V	
E VLR X1 54	54" WIDE, 1-5200W HEATER, 240V	

VASTEX D-100 & D-1000
Entry Dryers

Entry level tabletop dryers with 18" wide belts (D-100) and 26" wide belts (D-1000) in 120 and 240V models offer capacities to 110 plastisol-printed garments/h and 50 garments/h screen printed with water-based ink. Adjustable heater height/angle, heat intensity, belt speed.

Entry level tabletop dryer with 18" wide conveyor belt cures up to 110 plastisol-printed garments or 50 discharge-printed garments per hour. Adjustable heater height/angle, heat intensity and belt speed provide full operator control. 120V or 240V models.

Dense coil pattern, heater shields and a 6.35 watt per sq-in infrared heater eliminate hot and cold spots and provide the power you need to get the job done. See the D-1000 Model for additional features on that model.

Features:
☐ Best warranty, high quality, exceptional service.
☐ 110+ shirts per hour with plastisol and 50+ with discharge.
☐ Adjustable Speed, temperature, heater height and tilt.
☐ Teflon coated fiberglass belt with tracking system.
☐ Powerful infrared heater with tight coil pattern and heat shields.
☐ Total footprint is less than 8 sq.ft.

Models:

E VD-100-18	18" WIDE, 1-1625W HEATER, 120V	
E VD-1000-26	26" WIDE, 1-2050W HEATER, 120V	

BBC AEOLUS ELECTRIC DRYER

Cures Plastisol, Water Base, and Direct to Garment Prints

The Aeolus is the next generation of Forced Air Conveyor Dryer. Using BBC's proprietary heating elements there is nothing that BBC Aeolus dyer can't cure. From plastisol to pretreat, and everything in between, the Aeolus out shines the competition. The Aeolus's revolutionary design uses banks of angled heating panels running along the edge of the PTFE coated belt to all but eliminate edge loss. Its unique design, partnered with BBC's proprietary watt density algorithm, provides the Aeolus with the most even edge-to-edge cure in its class.

Features:
☐ Digital heat control
☐ Digital speed control
☐ True track belt
☐ Automatic shut off
☐ Forced air curing
☐ High production rates

Models:	Belt	Heat	Length	Electrical
E-BBC-3606*	36	6	12 0	17.28 kw
E-BBC-5406**	54	6	12 0	23.92 kw

*Available in 1 or 3 phase
**Available in 3 phase only.

ROQ Roqtunnel

ROQ offers a full line of automated screen printing machines. Both carousel and oval screen printing machines. When it comes down to dryers to complement the screen printing line, ROQ offers the ROQtunnel. At first sight it could be understood as a paradox but in truth the ROQtunnel is not one dryer but a powerful platform. This extremely developed and sophisticated platform has been refined over the last 30 years with the collaboration of many, many specialists and customers around the world. In different conditions, environments and curing different materials and technics. Today its versatility is absolute. The ROQtunnel was thought to be adapted to every screen printing shop and to complement any screen printing machines no matter the environmental conditions or the type of power available. The ROQtunnel can be run with electricity or with gas or even with both allowing the printer to switch from electricity to gas and from gas to electricity with a button. This feature is a must have for a dryer that is global. Only with this it can adapt to the needs of every market.

The maximum temperature is 200ºC. Heat Exchanger to prevent the yellowing of the fabrics from the burning of the gas. At the moment we offer the ROQtunnel in 26 different versions. This doesn't mean we can't tailor one for you. Simply tell us what you need and we will create the perfect ROQTUNNEL for you.

The dryer can be configured in any way you need to suit your need. The ROQTUNNEL infeed and outfeed length, the width and length of the dryer, the width and length of the belt(s) everything can be configured, tailor made. It can also be configured to have one or two belts that can run on the same direction or in opposite directions everything customizable. Everything but the color!

Features:
☐ Thermal insulation of high density rockwool panels;
☐ Axial flow fan for a constant hot-air circulation;
☐ Air purification filter for the burner;
☐ Antistatic and resistant mesh conveyor high tensile strength PTFE coated belt;
☐ Digital temperature display;
☐ Internal exhaustion header system per module;
☐ Contact temperature control;
☐ Min temp 90°C ☐ Max temp 200°C ;
☐ Option of 2 conveyors with independent speed and direction (optional);
☐ Different length's entry/exit openings (optional);
☐ GP (optional);
☐ ROQTUNNEL powered by gas, Electricity or Both (optional);

Call for model specifications.

BBC LITTLE BUDDY

The Little Buddy□ is compact, lightweight and versatile. It's the ideal dryer for start-ups, small shops, short runs, and on-site jobs. It features Black Body® heaters and "Hassle Free" belt tracking guide, and single point power connection. The Little Buddy□ is designed to provide years of dependable, trouble-free service. There is a three year warranty on elements. A heat controller is extra. Available in either a 120 volt or a 240 volt version.

Features:
□ Low Cost
□ 3 Year Warranty on Element
□ True track belt
□ Locking Casters
□ Easily Adjustable Chamber Curtains
□ No Crating Charge

Models:	Belt	Heat	Length	Electrical
E-BBC-LB17-2000	24	30	64	120 VAC
E-BBC-LB17-3000	24	30	64	240 VAC

BBC BIG BUDDY

The Big Buddy□ is an ideal dryer for a manual print station. This dryer features 6100 Watts of BBC heat panel power. The 24" belt makes for easy loading for one operator. Heat controls are built into the leg, and can be repositioned to any leg for convenience. Can full cure over 200 garments per hour of plastisol ink impressions. The "Hassle Free" tracking guide keeps your belt straight. Ships in four boxes on one skid and is easy to assemble.

Features:
□ Digital Heat Control
□ 3 Year Warranty on Element
□ True track belt
□ Built in Speed Control
□ Cures Over 200 Shirts per Hour
□ No Crating Charge

Models:	Belt	Heat	Length	Electrical
E-BBC-LB17-6500	24	(2) 18x24	8	240 VAC

BBC FORCED AIR

The BBC Forced Air, formerly Big Buddy□ Air is an all in one compact dryer with forced air together with a digital temperature read out. It puts you in control of any ink. Available in 24" and 36" wide belt models. The wide belts make for easy loading for one operator. Can full cure over 200 garments per hour of plastisol ink, 80 or water based ink, or 40 DTG impressions. See the read more for individual specifications. The "Hassle Free" tracking guide keeps your belt straight. Ships in four boxes on one skid and is easy to assemble.

Features:
□ 24" OR 36" Belt
□ Digital Temperature Control
□ Belt Speed Control
□ Cures Plastisol, Water Base & Digital Prints
□ Cures Over 200 Plastisol Prints per Hour
□ Hassle Free Belt Tracking

Models:	Belt	Heat	Length	Electrical
E-BBC-BBAIR-2408	24	(2) 18x24	8	240VAC
E-BBC-BBAIR-3610	36	(2) 18x24	10	240 VAC

BBC T SERIES

Reach a whole new level of production with the T-Series Dryer. Wider belts and a lot of heat make these perfect for high speed printing and large images.

Features:
□ Digital heat control
□ Dial speed control
□ True track belt
□ 36□or 48□Belt
□ High production rates

Models:	Belt	Heat	Length	Electrical
E-BBC-36T08-4*	36	4	8	208/240 VAC
E-BBC-36T10-4*	36	4	10	208/240 VAC
E-BBC-36T08-5*	36	5	8	208/240 VAC
E-BBC-36T10-5*	36	5	10	208/240 VAC
E-BBC-48T08-4*	48	4	8	208/240 VAC
E-BBC-48T10-4*	48	4	10	208/240 VAC
E-BBC-48T10-5**	48	5	10	208/240 VAC

* Single Phase
** Three Phase

UltraSierra□

The ultimate in an electric conveyer dryer. The UltraSeirra has been the front runner in quality and reliability for decades. You can count on accurate oven temperature control along with many other convenient operating features to ensure perfect curing on a wide variety of materials from silk to canvas. UltraSierra dryers are easy to understand, efficient to operate, totally reliable and a pleasure to own.

Features:

□Solid state digital temperature monitor system main tains stable temperature at belt level of +/-7 degrees.
□Heater panel operating lights.
□Calrod heating panels have a 3 year replacement warranty.
□The heating rack is adjustable from 3" to 8" above the belt, and angles for hats.
□Angles for curing hats.
□Forced air and powered exhausts are equipped with variable speed controls.
□Teflon coated fiberglass belt.
□4" heavy duty crowned conveyor roller.
□Insulated double wall sides.
□Custom sizes and features available.
□Extended exhaust fan chamber pulls fumes from the garment and keeps the heat in the oven.
□Belt reversing switch
□Cooling station on the exit end cools the shirt before it reaches the operator.

Model Specifications:

Dryer Size	Exhaust Chamber	Oven Length	Belt Width	Belt Length	Shipping Wt.
USX2408	10"	48"	24"	8'	600 lbs.
USX3609	10"	48"	36"	9'	800 lbs.
USX4809	10"	48"	48"	9'	900 lbs.
USX3611	10"	72"	36"	11'	900 lbs.
USX4811	10"	72"	48"	11'	1100 lbs.
USX3615	10"	108"	36"	15'	1400 lbs.
USX4815	10"	108"	48"	15'	1700 lbs.
USX6015	10"	108"	48"	15'	1700 lbs.

All UltraSierra Dryers use 240V

Sierra□

Production guaranteed. Sierra□ dryers combine state of the art electronics of the UltraSierra with the economical pricing of the Blazer to get a dryer with precision heat control, solid state production and reasonable cost.

Features:

□Solid state digital temperature monitor system maintains stable temperature at belt level of +/-7 degrees.
□Calrod heating panels have a 3 year replacement warranty.
□The heating rack is adjustable from 3" to 8" above the belt.
□Angles for curing hats.
□Forced air and powered exhausts are equipped with variable speed controls.
□4" heavy duty crowned conveyor roller.
□Insulated double wall sides.
□Extended exhaust fan chamber pulls fumes from the garment and keeps the heat in the oven.

Model Specifications:

Dryer Size	Exhaust Chamber	Oven Length	Belt Width	Belt Length	Shipping Wt.
SAX2408	10"	48"	24"	8'	600 lbs.
SAX3609	10"	48"	36"	9'	800 lbs.
SAX4809	10"	48"	48"	9'	900 lbs.
SAX3611	10"	72"	36"	11'	900 lbs.
SAX4811	10"	72"	48"	11'	1100 lbs.
SAX3615	10"	108"	36"	15'	1400 lbs.
SAX4815	10"	108"	48"	15'	1700 lbs.

All Sierra Dryers use 240V

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AirBlazer▫   Pony▫ and AirPony▫

AP-2407
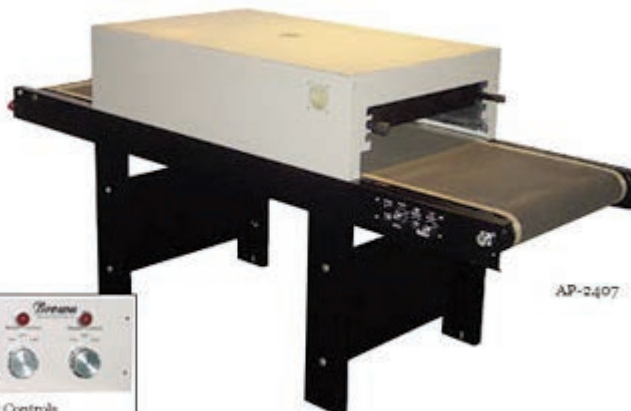
Brown Manufacturing Air Blazer Electric Dryers
The Brown Blazer Series of electric dryers are designed to thoroughly cure plastisol and nylon ink systems. These economical units feature dependable calrod heating panels in an efficient heat controlled oven chamber. Simple to operate and reliable curing make these a great value.

Features:
▫Premium fan cooled adjustable temperature controls with light indicator
▫Belt reversing switch
▫Forced air powered exhaust
▫Calrod heating panels have a 3 year replacement warranty.
▫The heating rack is adjustable from 3" to 8" above the belt.
▫Angles for curing hats.
▫Forced air and powered exhausts are equipped with variable speed controls.
▫4" heavy duty crowned conveyor roller.
▫Insulated double wall sides.
▫Extended exhaust fan chamber pulls fumes from the garment and keeps the heat in the oven.

Model Specifications:

Dryer Size	Exhaust Chamber	Oven Length	Belt Width	Belt Length	Shipping Wt.
ABX3609	10"	48"	36"	9'	800 lbs.
ABX4809	10"	48"	48"	9'	900 lbs.
ABX3611	10"	72"	36"	11'	900 lbs.
ABX4811	10"	72"	48"	11'	1100 lbs.
ABX4815	10"	108"	60"	15'	1700 lbs.

All AirBlazer Dryers use 240V

The Brown Pony▫ Series of electric dryers are big on production and small on space. They are loaded with convenient features and priced to fit any budget.

Features:
▫Easily adjustable heater height
▫NEW! Brown exclusive belt reversing switch
▫Premium fan cooled adjustable temperature controls with light indicators
▫Optional solid state digital temperature monitor system maintains stable oven temperature at belt levels of +/- 7 degrees.
▫Insulated side walls
▫Calrod heaters warranted for 3 years
▫Crowned rollers for perfect belt tracking
▫Dual power cords for easy 120V connection
▫AirPony dryers come with forced air and powered exhaust

Pony Dryer	Oven L	Belt W	Belt L	Wt.
PD-2004	24▫	20▫	4▫	150 lbs.
PD-2006	36▫	20▫	6▫	250 lbs.
PD-2407	48▫	24▫	7▫	350 lbs.

AirPony	Oven L	Belt W	Belt L	Wt.
AP-2004	24▫	20▫	4▫	150 lbs.
AP-2006	36▫	20▫	6▫	250 lbs.
AP-2407	48▫	24▫	7▫	350 lbs.

The MD-8 is a compact, powerful gas fired dryer designed to cure a wide variety of substrates. The MD-8 has many of the same terrific features as the AirJet, with a space saving footprint and a price that fits into even the most modest budget. Only the MD-8 offers their patented Air Deflector recycling system which re-circulates heated air through the heat chamber. The Interchange air nozzle heat distribution is a feature found only on dryers which cost much more.

Features:

☐ Air Deflector re-circulating system
☐ Powerful 250,000 BTU stainless steel burner
☐ Higher velocity jet nozzles for better air distribution
☐ Enlarged heat plenum for maximum air velocity
☐ High temp self tracking belt
☐ Standard 8' oven section
☐ Slide out E-Z clean filter drawer
☐ Side access clean out door
☐ Easy access controls
☐ ETL and CE approved

Optional Features:

☐ Infra-red panel
☐ Cooling sections
☐ Additional conveyor sections
☐ Hi-Temp feature - up to 450°
☐ Electric hot air burner
☐ Automatic Doffing System for flat goods
☐ UV curing capability with vacuum hold down
☐ Split belts with independent speed adjustments

Available in 36☐ 48☐ and 60☐ belt widths.
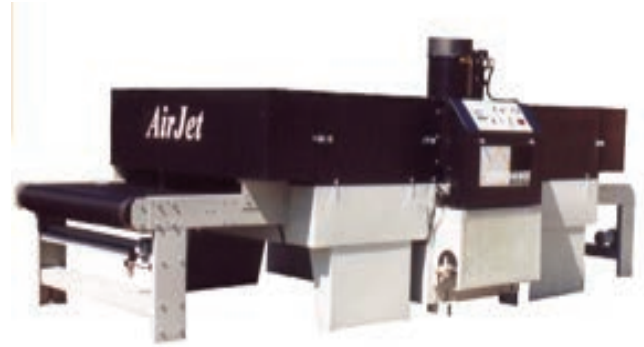
The AirJet features our patented Air Deflector recycling system which re-circulates heated air evenly throughout the chamber, providing a 30% more efficient use of energy with a substantial cost savings. In addition, their exclusive Optic Sensor belt tracking system ensures consistent belt performance. The modular design, with a generous 12' standard oven section, easily expands with your business making the AirJet dryer the state of the art choice to complete your print-dry lines. Gas and electric models available.

Features:

☐ Air Deflector re-circulating system
☐ Efficient 500,000 BTU stainless steel burner
☐ Higher velocity jet nozzles replace standard air knives
☐ Enlarged heat plenum for maximum air velocity
☐ Graphic and Textile models available
☐ Expandable, modular design
☐ On board diagnostic system
☐ 48", 60", 76", 86", 104☐ sizes available
☐ Slide out E-Z clean filter drawer
☐ Access door for cleaning
☐ Standard 12' oven section
☐ ETL and CE approved

Optional Features:

☐ Infra-red panel
☐ Expansion modules
☐ Cooling sections
☐ Additional conveyor sections
☐ Hi-Temp feature - up to 450°
☐ Split Belts with independent speed adjustments
☐ Optic Sensor belt tracking system
☐ Inverter controlled air velocity system
☐ UV curing capability with vacuum hold down
☐ Automatic Doffing system for flat goods

Available in 48☐ 60☐ 76☐ 86☐ and 104☐ belt widths.

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VARIABLE-SPEED UV CURING SYSTEM

MINI U.V. DRYER

Technical data;
10 long overall length, *20 overall length
Tri-power (125/200/300 wpi)
Irradiator with cooling fans
4 long vacuum hold-down
Optical shielding with plexiglass light shields
Conveyor speed variable from 5 to 160 fpm.
Digital conveyor speed indicator.
Power supply on casters
UV resistant fiberglass belt
UL approved.

Standard conveyor widths are available in 1 or 2 lamps;
30   #C30/300-1 or 2 lamp
38   #C38/300-1 or 2 lamp
48   #C48/300-1 or 2 lamp
*55   #C55/300-1 or 2 lamp
*60   #C60/300-1 or 2 lamp
*65   #C65/300-1 or 2 lamp
*72   #C72/300-1 or 2 lamp
*77   #C77/300-1 or 2 lamp

(208/220 or 440V)

Options available;
Multiple lamp and length
Over/under lamp systems
Custom designs
Ambient air-cooling chamber
Infrared quartz filters
Metal additive lamps/400W/in.
Super cooling feature
Belt motion detectors
Non-focused reflectors
Air-conditioned systems
Adjustable lamp heights
F.O.B. LEBANON, IN

AMERICAN ULTRAVIOLET MINI UV DRYER

American Ultraviolet manufactures a full line of UV Dryers and offers this mini-UV dryer to the market as a perfect lab UV dryer or small part production UV dryer. This Mini Conveyorized UV Curing System provides production capabilities and intense ultraviolet energy for curing ultraviolet paints, inks, and coatings.
The irradiation system incorporates an elliptical focused heat-sink reflector; six-inch, 300Watt/inch curing lamp; vacuum hold-down and centrally located exhaust cooling fan. To replace lamp, simply lift top cover of irradiator; the side extrusions and shielding remain stationary. The conveyor system is constructed of enameled aluminum with six-inch-wide, UV resistant coated fiberglass belt. A solid-state variable-speed control enables operator to accurately adjust to cure slower UV adhesives, as well as fast-drying UV inks and coatings.

Specifications;
Tri power (300,200 & 150 wpi) 6 300 watt/inch lamp
Vacuum hold-down
54 L x 31 W x 22 H; 125 lbs
2-100 FPM variable-speed motor

E-AU-MINI   American Ultraviolet 6 Mini Conveyor

Options;
0-200 FPM variable-speed motor
240V, 60HZ or 220V, 50HZ
400 watt/inch operation
Metal Halide additive lamp
Adjustable lamp height

AMERICAN ULTRAVIOLET

RETROFIT □ADD-ON□ UV CURING SYSTEM

Now one unit can do conventional as well as UV curing.

Adding ultraviolet curing to your existing gas, electric or infrared dryer is easy with American Ultraviolet s irradiators, lamps and power supplies.   Custom designed exhaust/vacuum systems install below the belt, and the curing system installs on top.

The American Ultraviolet Curing Irradiator Retrofit Kit includes a labeled, digital, encased power supply; a focused, air-cooled lamp assembly; optical shielding; and an optional vacuum/exhaust hold-down with blower-everything you need to convert an existing dryer to air-cooled UV.

The Retrofit UV Curing Systems features include;

   Extruded aluminum, elliptically focused reflector
   Replaceable polished aluminum reflector liners
   Completely wired power supply with lamp intensity controls
    Tri-power (125/200/300 wpi)
   8 -high voltage key-locked irradiator to power supply connector
   Custom air seals to prevent lamp over cooling
   Optical shielding

Standard conveyor widths are available;

4	#C1004A	1 lamp
6	#C1006A	1 lamp
8	#C1008A	1 lamp
12	#C10012A	1 lamp
18	#C10018A	1 lamp
25	#C10025A	1 lamp
30	#C10030A	1 lamp
38	#C10038A	1 lamp
42	#C10042A	1 lamp
48	#C10048A	1 lamp
50	#C10050A	1 lamp
55	#C10055A	1 lamp
60	#C10060A	1 lamp
72	#C10072A	1 lamp
77	#C10077A	1 lamp
		(208/230V)

Options available;

   Exhaust/vacuum hold-down with blower and controls
   Plexiglass light shields
   Infrared quartz filters
   Metal halide systems

DRYING RACKS
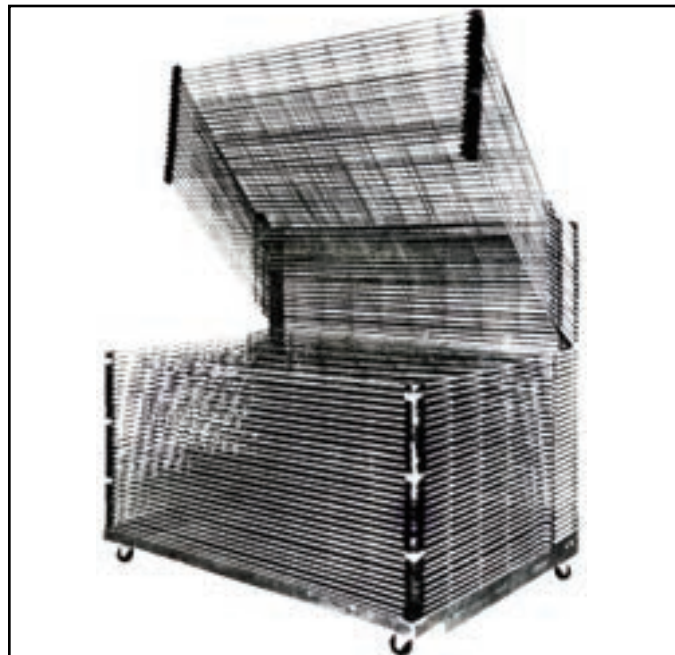
MARK VI MULTI-RACK

The Multi-Rack is built to the highest standards. Compare gauges, materials and methods and you will find none stronger or better. Intelligent design features further push this rack to even higher standards. The Multi-Rack withstands the daily rigors of production year after year. The strength of this rack will support all your drying needs.

Features include;

   Patented rubber feet.
   Galvanized wire.
   The exclusive Floating Bar spring tensioning system

E-MR-223240	22x32	40 Shelf Rack
E-MR-223250	22x32	50 Shelf Rack
E-MR-324840	32x48	40 Shelf Rack
E-MR-3248	32x48	50 Shelf Rack
E-MR-4052	40x52	50 Shelf Rack
E-MR-4569	45x69	50 Shelf Rack
E-MR-5269	52x69	50 Shelf Rack
E-MR-5281	52x81	50 Shelf Rack

EASY SHIP DRYING RACK

Formerly TENSOR 18 Rack

The UPS-able Heavyweight□

Light weight and functional 18x24□tray size holds card, posters and signs. Available in single sided or double-sided models. Includes 4 swivel casters.

E-MR-1824	Single Rack 40 Tray
E-MR-1824-D	Double Rack 80 Tray

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GEO. KNIGHT HEAT TRANSFER PRESSES

The Digital Knight line of Swing away presses represents our most popular line of heat press machines. Because this design Swings completely out of the way of the table, these presses provide complete access to load and unload materials and layout transfers. The heat platen is always face down, and regardless of the height of the product being pressed, it is always pressed evenly & level. The Digital Combo multipurpose press also falls within this category as well.

The design of the Digital Knight swing-away presses combines a heavy-duty solid steel industrial grade pressing framework with accurate and easy to use electronics. This provides the operator with the best possible features and equipment needed for today's various heat transfer applications.

Utilizing a state-of-the-art control system and heavy-duty solid steel welded framework, these machines boasts a lifetime warranty on the heat platen, and an unprecedented 3-year warranty on the heat-control electronics.

The heat platen uses SuperCoil-Microwinding heater technology, a system of embedded heater windings that wind tightly and closely together throughout the entire platen for extremely even heat, fast recovery & fast heat up times.

The controller utilizes an easy to read oversized-digit LCD display to show time and temperature simultaneously, and the temperature readout is accurate within +-2°. The controller also features a digital height/pressure gauge for displaying current height settings. The operator can use the 70 programmable presets for saving common application settings of Temp/Time/Pressure, ensuring consistent, repeatable results for all applications. The press is adjustable to accommodate materials from fabric thickness all the way up to 1" thick substrates!

Features

- All-Thread□ table loading design
- Fully digital temperature control 32°-600°F range
- Automatic digital timer & dual pre-press timer
- Digital Pressure Bar Graph
- 70 Programmable presets
- Solid steel welded framework
- Instantly interchangeable & rotatable tables
- SuperCoil-Microwinding□ heater technology
- Accommodates materials up to 2" thick
- Temperature readout accuracy +-2°F - can show °C or °F
- User selectable end-of-cycle alarms
- Records number of pressing cycles done
- Teflon-coated 3/4" thick heat platen

Warranty From George Knight

- □ FREE LIFETIME Tech Support!
- □ Lifetime warranty on heat platen
- □ 5-year warranty on frame
- □ 3-year warranty on controller
- □ 1 year warranty on parts

DIGITAL KNIGHT SWINGERS

The Digital Knight DK20S is our 'flagship' 16x20 swing-away heat transfer press. The DK20S combines a heavy-duty solid steel industrial grade pressing framework with accurate and easy to use electronics to provide the operator with the best possible features and equipment needed for today's various heat transfer applications.

This press is the most popular 16x20 machine in the industry. It is world-renowned as the top-end, robust-workhorse of all swing away heat presses. There is also a Jumbo sized 20x25 heat platen version of this press, the DK25S. An air-operated automatic version is also available: the DK20SP.

E-DK20S	16 x 20□	Swinger
E-DK25S	20 x 25□	Swinger
E-DK20SP	16 x 20□	Air Automatic Swinger
E-DK25SP	20 x 25□	Air Automatic Swinger

KNIGHT Maxi Press

The MAXI□PRESS is a multipurpose large format manual heat transfer press intended for the imprinting of a vast range of different materials. The MAXI□PRESS combines an oversized platen with a low production oriented framework with a single loading table configuration. It is available in two different heater block sizes: 32" x 42" and 44" x 64". The gas shock counter springs provide a weightless and effortless operation of the press. The Digital Knight state-of-the-art control system accurately regulates all aspects of the electrical functions of the press, freeing the operator for the main goal of material imprinting.

Ideal applications that the MAXI□PRESS has performed flawlessly include: large fabrics & piece goods, full-bleed printed sportswear panels, banners, floor mats, carpets, mouse pads and more. The MAXI□PRESS strongly supports sublimation transfer processes, as well as digitally produced transfers, and laminating processes.

nwgraphic.com

GEO. KNIGHT CLAM SHELL PRESSES

GEO. KNIGHT DIGITAL HEAT TRANSFER PRESSES

The Digital Knight line of transfer presses is the culmination of over four decades of perfecting the design, mechanics and technology of heat transfer press machinery. All of these presses by Geo. Knight & Co boast heavy steel welded frameworks built to hold up over years of heavy use and stress.

At the heart of these machines is a state-of-the-art digital microprocessor control and proprietary heat control circuit field tested beyond 10 million heating cycles. This allows for an unprecedented 3 year warranty on the control. The Digital Knight controller features an oversized LCD display for easy reading of time, temperature, and pressure/height gauge readings. The controller has a surprising array of extremely useful features, such as user programmable presets, automatic timing, finished cycle recording, selectable alarms and much more. Overall, the extremely accurate control and intuitively easy to use interface makes for a reject-free production environment.

The heaters on all platens of the Digital Knight line use an exclusive coil winding technology for dramatically superior evenness and speed of heating. Compared to traditional heating methods, the Geo. Knight & Co SuperCoil-Microwinding□ heater technology out-performs everything else. Of course, all Geo. Knight & Co heat plates are lifetime warranted.

E-DK16   **14 x 16□ Digital Clamshell**
E-DK16A   **14 x 16□ DK20 W/Auto Pop-up**
E-DK16AP **14 x 16□ Air Auto Dig Clamshell**
E-DK20   **16 x 20□ Digital Clamshell**
E-DK20A   **16 x 20□ DK20 W/Auto Pop-up**

DK16 & DK20 FEATURES

Fully digital temperature control
Automatic digital timer
Digital pressure/height gauge
70 programmable presets
Solid steel welded framework
Interchangeable tables
SuperCoil-Microwinding   heater technology
Automatic lift/Gas spring action
Opens up 110° for full access to table
Temperature readout accuracy +-2°F
User selectable end-of-cycle alarms
Teflon-coated 3/4 thick heat platen
Lifetime warranty on heat platen
3 year warranty on control
1 year warranty on entire press
120V-1800W-15Amp/220V-1800W-8Amp
38 (L) x 20 (W) x 16 (H) - 150lbs

E-DK7   Digital Cap Press
(Shown Above)
Fully Digital Cap Press - Same features as the DK16&20, excluding digital height gauge
120V-350W-3Amp/220V-350W-2Amp
19 (L) x 12 (W) x 18 (H) - 60lbs

E-DK7T   Digital *Twin* Cap Press

High production twin loading version of the DK7

Other Models Available

ROLLING SCREEN RACKS

SCREEN DRYER

ROLLING SCREEN RACK

The Rolling Rack is the perfect compliment to your shop. It allows you to store your screens and to be able to roll them from screen making to press or wherever needed.

Heavy duty PVC angle (shelves) are capable of supporting heavy loads. All chance of scratching has been eliminated

The racks are adjustable - the ranges are;

RSR31	15 - 26	20 Shelves	60 Hx31 D
RSR31B	25 - 36	20 Shelves	60 Hx31 D
RSR31C	35 - 46	20 Shelves	60 Hx31 D
RSR40	15 - 26	25 Shelves	74 Hx40 D
RSR40B	25 - 36	25 Shelves	74 Hx40 D
RSR40C	35 - 46	25 Shelves	74 Hx40 D

BROWN SCREEN DRYING CABINETS

Designed to stand alone with a functional table top, go double tall for extra storage, or as a base for any Brown exposure unit. These light safe units quickly dry coated screens in a dust free environment. Included is a monitoring thermometer, rheostat controlled heat, filtered air flow, locking casters, and a heavy duty door. Each unit has ten screen shelves. All are 120V, 15A, 3 year heater warranty. Available in single and double versions.

E-BR-SD-2024	20x24	OD Screens Max
E-BR-SD-3740	30x37	OD Screens Max
E-BR-SD-4056	40x46	OD Screens Max

ALL ALUMINUM SCREEN RACK

ALL ALUMINUM SCREEN RACK

These all aluminum racks come in two varieties. One adjusts in width from 14" to 25" in width. The other is non-adjustable, but will hold 20 x 24" as well as 23 x 31" screen frames including large diameter roller frames without having to angle them. Both are shipped knocked down and are UPS able. Easy assembly required. The non-adjustable unit holds 20 screen frames, has rubber wheel casters. The adjustable rack will hold 25 frames.

E-NGRF	Non-Adjustable Screen Rack
E-NGRFA	Adjustable Screen Rack

3-D MANUAL PRINTER
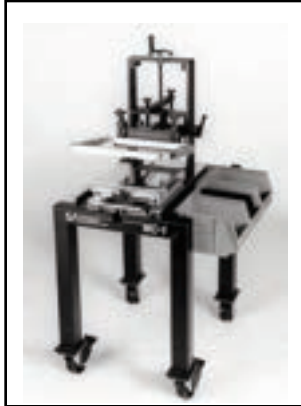
SYSTEMATIC AUTOMATION MC-1MANUAL SCREEN PRINTER

The Systematic Automation Model MC-1 precision Screen Printer combines affordability with versatility and quality to create a manual system which allows the operator to print products from pens to quart size containers with ease. 12□ Stroke, comes with 6□squeegee and 7□flood bar. Other sizes available.

E-SA-MC-1   3 Dimensional Screen Printer

3-D SEMI-AUTO PRINTER

SYSTEMATIC AUTOMATION MODEL HLT 3D SCREEN PRINTER

The Systematic Automation Model HLT Precision Screen Printer combines breakthrough engineering, ultimate versatility and quality craftsmanship to create the most sophisticated semi-automatic system in the industry. Backed by more than a decade of development and field testing, the HLT sets new standards for precision and productivity.

E-SA-HLT   3 Dimensional Screen Printer

3-D AUTOMATIC PRINTERS

PT-8 SEMI-AUTOMATIC 3D SCREEN PRINTER

The Systematic Automation Model PT-8 Series printer is a high speed, high accuracy turret type screen printer designed for imprinting a wide range of cylindrical products. The printer is reliable, fast safe and easy to use.

E-SA-PT-8   3 D Semi-Automatic Screen Printer
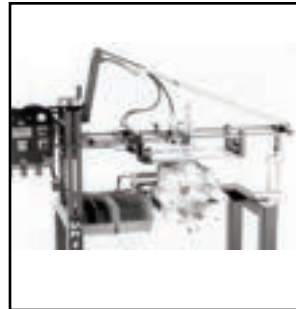
PT-8   Some safety equipment removed for photography

T-12UV 3D SCREEN PRINTER

Systematic Automation Model T12-UV printer is a fully automatic, rotary motion, screen printing machine that can produce 24,000 imprints per shift. A ruggedly built, all mechanical Cam drive system assures uncannily accurate indexing and smooth operation.

The T-12 UV printer is easy to use. First color and multi-color registration is performed in pre-press. The precision-pinned screen frame snaps into the printer in seconds. To further increase set-up speed, a conversational operator interface communicates machine conditions to the operator in plain language.

The T-12 UV printer is ideal either as a production printer for single product applications, or for moderate production needs requiring quick changeover. It is compact, ruggedly built and priced to meet your budget needs without compromising quality.

3-D FLAME TREATER

Dependable Conveyorized Flame Treater pretreats round,oval and flat parts It s unique Bottle Rotation System spins round containers 360 degrees in front of burner for reli-

able, long lasting and even treatment. Rotation system is easily adjustable to accommodate containers from 0-6 diameter.

FT-5   Conveyorized Flame Treater

5 years of R&D and testing culminates into the most perfect exposure unit ever! This new concept uses focused, multi spectrum LED's as its light source. The focused LED lights emit light with almost no spread. This leads to exposures equal to or surpassing single point light sources at a much lower cost. The use of LEDs with several spectrums yields ultra fast exposures with all types of emulsions, including photopolymer, dual cure, and diazo emulsions. The 50,000 hour lamp life means you will probably never replace a bulb, saving several hundred dollars a year. The unit draws only 5 amps of electricity and emits no heat. This makes it ideal for DTS wax imaged screens.

Features

☐ 50,000 Hour Lamp Life
☐ Patent Pending Multi-Spectrum LED Technology.
☐ Saves 70-90% on Electric Costs
☐ All Sizes Plug Into Standard 115 Volt Outlets
☐ 5 Amps
☐ Inspection Lights Emit NO UV, Will Not Expose Emulsion.
☐ Ultra-Fast Exposures

Horizontal Units

E-LED-2331	Accepts 1 23x31☐Screen
E-LED-2536	Accepts 1 25x36☐Screen
E-LED-3346	Accepts 2 23x31☐or 1 33x46☐Screen

Upright Units

E-LED-3650	Accepts 2 25x36☐or 1 36x50☐Screen
E-LED-4555	Accepts 2 25x36☐or 1 45x55☐Screen

Computer to Screen Units

The computer to screen unit mcontains no glass. Simply drop the screen into the unit, shut the cover, and expose. This makes it ideal for DTS wax imaged screens.

E-LEDCTS-2536	Accepts 1 25x36☐Screen
E-LEDCTS-3036	Accepts 1 30X36☐Screen

E-2000   LED EXPOSURE UNIT

Exposes screens as fast as metal halide, Produces very fine detail and halftones at 85 lpi, Operates at 20% of the power required for metal halide, New LCD touch screen controls provide accurate, user-friendly interaction and 10 presets. Vacuum hold down for excellent screen-to-film contacT. Slim design allows mounting on drying cabinet. 120V or 240V

E-1000   ULTRAVIOLET EXPOSURE UNIT

Power vacuum hold down contours rubber neoprene blanket to screen for excellent screen-to-film contact. Vacuum draws through the bottom manifold with no holes in rubber blanket, Electronic ballasts for quick starts and steady UV output, New LCD touch screen controls provide accurate, user-friendly interaction and 10 presets, Unfiltered UV fluorescent bulbs 120V or 240V

Features

☐ High output UV exposing unit w/vacuum
☐ LCD touchscreen controls allow operator to set and save up to ☐ 10 preset exposure times
☐ 120 or 240 Volts
☐ Legs included as standard, or unit can be placed on a Vastex Drying Cabinet

E-200   ENTRY LED EXPOSURE UNIT

ExposesExposes screens as fast as metal halide. Produces very fine detail and halftones at 85 lpi, Operates at 20% of the power required for metal halide, One touch auto control, with angled control panel for easy use. Vacuum hold down for excellent screen-to-film contact

Features

☐ One-touch angled control panel for easy operation
☐ Timers control lights and vacuum precisely
☐ Lid with Vacuum Pump

E200 Table Top Model

E-V200-2128	21x28☐
E-V200-2331	23x31☐

Free Standing Models

E-V2000-2536	25x36☐
E-V20005236	52x36☐
E-V1000-2536	25x36☐
E-V10005236	52x36☐

DOUTHITT HEAVY DUTY DIRECT METHOD SCREEN MAKER DMZ

The Douthitt DMZ Direct Method Screen Exposure System is the ideal large format screen exposure system. It s great advantage is that it reduces floor space, is a self-contained light source and provides an easy loading height when using large screens. This eases back pain and stress for the screen room operators. It has an automated start and cancel feature and Douthitt boasts that the DMZ give you guaranteed light exposure because of the pre-set light exposure setting and distance to glass.

Features Include;
   5000 Watt Metal Halide printing lamp assembly.
   Glass down design. Simply load, close, expose.
   No limit to the height of screen because of Douthitt s Deep Draw Black Gum rubber Blanket.
   Heavy Duty Model Magic 83, 10 channel memory combination light integrator and digital timer.
   Completely automatic operation. Vacuum delay and light exposure activated by closing the frame.
   Cooling fans to insure against excessive heat build-up.
   Large and convenient access door on left side of unit.

Standard Sizes:
E-DMZ-5366   53 x 66 Max. O.D. Frame Exposure
E-DMZ-5672   56 x 72 Max. O.D. Frame Exposure
E-DMZ-5858   58 x 58 Max. O.D. Frame Exposure
E-DMZ-7890   78 x 90 Max. O.D. Frame Exposure
                (Custom Sizes Available)

DOUTHITT HEAVY DUTY DIRECT METHOD SCREEN MAKER DMV

The Douthitt DMV Direct Method Screen Exposure System is ideal for <u>Extremely Large Format</u> screen exposure system. This is an easy Ergonomic Loading system for large and/or heavy screen frames. Frames are loaded vertically on a heavy duty steel support bar. A motorized blanket frame moves toward the glass frame and air locks to seal the frame. Douthitt s Model 52 Air Pump provides perfect contact of frame to glass.

Features Include;
   Special Douthitt Deep Draw Black Gum Rubber Blanket. Under this blanket swiftly molds itself to the shape of the screen frame and holds your positive in perfect contact.
   Douthitt Heavy Duty Model 52 Silent Air Pump.*
   Compressed Air Powered Frame Locks to seal glass and blanket frames.
   Motorized opening and closing of vacuum blanket frame.
   Optic clear A-1 select glass.
   Heavy Duty Steel Loading Bar.

Standard Sizes:
E-DMV-58110   58 x 110 Max. O.D. Frame Exposure
E-DMV-80166   80 x 166 Max. O.D. Frame Exposure
E-DMV-86190   86 x 190 Max. O.D. Frame Exposure
                (Custom Sizes Available)

*Needs compressed air.
Electrical Specifications: 110V, Single Phase, 2 amp

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ATMA
Automatic Emulsion Coaters

OLEC
EXPOSURE SYSTEMS

Innovative Design

All new structure and mechanism, with top-class drive and guidance systems for stabile and precise even emulsion coating of screen printing stencils.

Fast Setup

Frame holder freely adjusts for various screen sizes, with frame locking mechanism controlled by pneumatic foot switch, for easy and fast setup.

Outstanding Functions

Digital Touch-panel controls settings for single or double-sided coating, front/rear coating time and pressure, accurate control of coating thickness with pressure equalization system. Save and instantly recall up to 100 setting configurations.

Safety Feature

Multiple safety features, including emergency stop button, error detection, and chain-lock warning.

E-AT-C1012D	Accepts	35x43	Screen
E-AT-C1216D	Accepts	43x59	Screen
E-AT-C1620D	Accepts	59x72	Screen

TORNADO
Automatic Ink Mixer

Tornado□ Ink Mixer & 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. Vertical adjustment prevents blade from scraping the bottom of the container.Adjustable self-centering locking clamps on the turntable accommodate both metal cans and plastic containers.

AWT-IM-10	Tornado Ink Mixer w/gal, and 5 gal blade.
AWT-IM-1QB	Extra Quart Blade
AWT-IM-1GB	Extra Gallon Blade
AWT-IM-3GB	Extra Three Gallon Blade
AWT-IM-5GB	Extra Five Gallon Blade

OLEC OLITE® Metal Halide Screen Exposure Systems

Leading high-intensity light sources offering fast, efficient and exceptionally uniform exposures for sharp, durable stencils. A major Olite advantage is the computer designed reflector. It assures uniform coverage without falloff over large frames, eliminating hot spots. Plus solves the problem of light undercutting, along with the unit□s targeted □SPECTRAMATCH□(400-420 nanometers) bulbs and high intensities. The special reflector spreads the light in a parallel pattern (collimates) rather than diffusing it like other units.

Features:

208/240Volts, Single Phase
Compact, easy and economical to use.
Service-free rotary shutter.
Efficient CW (consistent wattage) ballasts for high UV output with the lowest power consumption.
No start-up surges and low stand-by power.
Fast start and restart. Long life an consistent exposures maintained through electronic cooling and protective cooling and protective circuitry.

AL-23	**2300Watts (2300,1600,1000)**
AL-35	**3500Watts (3500,2000,900)**
AL-53	**5000Watts (5000,2500,1000)**
AL-83	**8000Watts (8000,3500,2000)**

Options:
Floor stand for vertical printing
Light Integrator and digital timer

EXILE DIRECT TO SCREEN SYSTEMS
FreeStyler   Spyder II

EXILE is excited to introduce the latest in Direct-to- Screen (also known as Computer-to-Screen CTS) and Direct to Garment imaging. The FREEStyler Hybrid has arrived and it's poised to bring the benefits of DTS and DTG to the shop who has had difficulty justifying the expense of current systems on the market today. With it's low price tag, now nearly any textile screen printer can afford to print direct to garment and eliminate film from their screen process with this innovative printer! It has resolutions up to 1200 x 2400 dpi, providing exceptional print quality in color and on screen.

As a DTS system, the FREEStyler uses up to four black cartridges that contain specially formulated UV light blocking ink. This water soluble ink provides density readings over 3.5 UV, which means it will hold small halftone dots and fine details, much better than vellum or ink jet film. Since the ink is directly applied to the emulsion, no vacuum is required and there is no chance of undercutting during exposure. In fact, exposure times are typically reduced since there is no glass or film to diffuse UV light. With the screen either lifted off the glass, or in an exposure system like the LightSpeed (designed specifically for DTS / CTS) pinholes are almost entirely eliminated, which means less touching up the screen after exposure.

The real advantage of using the FREEStyler as a DTS system is the registration capabilities. The FREEStyler Hybrid digitally places the image with absolute accuracy. This eliminates human error with manual placement of film separations on multiple screens. With the integrated 3 point registration system, you are assured that multi-colored jobs will always be in the correct position from the minute they are put into the press. That translates into less press setup up time, and more jobs run per day, making your print shop more profitable.

Features
☐ Pigment based aqueous UV-Block Black ink with enhanced ultra violet resistance.
☐ Density in excess of 3.5 UV
☐ Windows PC Rip and Print Management controller software included.
☐ Supports multiple job queues.
☐ Supports Postscript, PDF, EPS, TIFF, and JPEG file formats.
☐ Print head built into each cartridge.
☐ Can be converted into a Direct to Garment printer by changing cartridges.
☐ Direct print from graphics applications or Drag and Drop

E-EXILE FSH	Exile Freestyler
E-EXILE 117-00366	Exile Freestyle Cartridge

EXILE is pleased to introduce the radically improved Spyder II Direct-to-Screen System. We've effectively doubled the speed by introducing bi-direction printing, while at the same time improving dot quality. Updated electronics ensure reliability, while the new touch screen control panel offers even more flexibility for job control.

With the Spyder II, EXILE offers our customers a variety of choices and configurations to meet the needs of their demanding screen room requirements.

The Spyder II uses a phase change inkjet head combined with a high-density thermal wax ink, to apply artwork directly to a coated screen. This eliminates the film mask normally used, streamlining the entire screen preparation process.

The Spyder II digitally places the image with absolute accuracy. This eliminates human error with manual placement of film separations on multiple screens. That translates into less press setup up time, and more jobs run per day.

At less than 1 minute per screen, the Spyder II will keep up with the busiest of screen rooms.

No vacuum is required for the exposure, and the wax ink is water soluble allowing for easy wash-out.

Features
☐ Bi-directional printing.
☐ 600 dpi and 1200 dpi Resolution
☐ Mac an PC platforms available.
☐ Supports multiple job queues.
☐ Supports Postscript, PDF, EPS, TIFF, and JPEG file formats.
☐ Uses high density, heated wax.
☐ Halftone capacity 75 lpi @ 600 dpi or 110 dpi @ 1200 dpi.
☐ RTI Harlequin RIP.

E-EXILE SPYD2 30	Exile Spyder II 25x36
E-EXILE SPYD2 52	Exile Spyder II 54x36
E-EXILE 200100	Exile Spyder II Wax Box 20

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SEFAR SCREEN STRETCHERS
SEFAR 2 CLAMPS   SEFAR 3 CLAMPS

The SEFAR® 2 stretching system is lightweight, economical and entry-level system☐ robust enough for standard stretching demands on small to medium format frames. The SEFAR® 2 design has easy-to-use loading and locking mechanisms, and similar to all Sefar stretching clamps, the configuration
can easily be changed to accommodate different frame sizes. The engineering of the clamp jaw with ☐progressive- clamping force☐ provides excellent grip properties☐ preventing the mesh from slipping even at very high tensions.

SEFAR® 2 Clamp Availability
The SEFAR® 2 clamps are available in 5.9 inch (150 mm) or 9.8 inch (250 mm) jaw widths, or standard and long stroke lengths. Standard stroke length clamps are for small and small/medium format frames, and have a stroke length of 2.75 inch. Long stroke clamps are for use with medium frame sizes when there is a demand for high tensions (the stroke length of the long stroke clamps is 140 mm). Each stretching scenario is unique, so contact your
local Sefar Representative to determine the appropriate SEFAR® stretching system for your customer☐ application.

SEFAR® 20 Control System
The SEFAR® 20 Control System is a pneumatic regulator with an analog pressure gauge
that is very simple to use. A pair of SEFAR® 20 units can provide dual-circuit stretching for improved warp and weft tension control*.

E-SEFAR-2-150	150mm (5.9) Pneumatic Clamp
E-SEFAR-2-250	250mm (9.84) Pneumatic Clamp
E-SEFAR-2L-150	150mm (5.9) Long Stroke Clamp
E-SEFAR-2L-250	250mm (9.84) Long Stroke Clamp
E-SEFAR-20	Controller for Sefar 2

The progressive build-up of the clamping pressure and the lifting function of the SEFAR 3A stretching system enhances its performance by reducing the reject rate. Why? The mesh can☐ slip out the jaws and eliminates friction between fabric and frame. This means you are able to work with faultless, evenly-stretched screens. Day after day. Another plus point: The SEFAR 3A clamps are suitable for all screen printing mesh ☐regardless of screen size, materials or thread count. All of this with ease of handling and quick adjustments to the next frame size.

Lift function for perfect stretching
Before stretching begins, the SEFAR 3A clamps can be pneumatically lifted to raise the stretching plane of the mesh above the frame. This feature provides two advantages for the screen stretcher: it helps to avoid premature mesh failure that is associated with friction between the mesh and the frame edge, and also ensures uninterrupted, uniform stretching of the warp and weft threads.

Progressive clamping force for safe stretching
The jaw of the SEFAR 3A clamps have been engineered to apply progressively greater jaw pressure as the tension of the mesh rises. This helps to avoid the mesh slipping out of the clamps, and also makes it possible to stretch all types of fabrics to high tension levels safely.

Reliable safety mechanism
In the event of an unexpected mesh failure during the stretching process, the SEFAR 3A is equipped with an integrated safety frame restraint that will prevent the clamp from springing back
Pre-bows the frame during stretching
Effortless set-up and use

E-SEFAR-3A-150	150mm (5.9) Pneumatic Clamp
E-SEFAR-3A-250	250mm (9.84) Pneumatic Clamp
E-SEFAR-3AL-150	150mm (5.9) Long Stroke Clamp
E-SEFAR-3AL-250	250mm (9.84) Long Stroke Clamp

MECHANICAL SCREEN STRETCHER

The mechanical screen printing mesh stretching machine is equipped with the latest, redesigned, easy gliding clamps. Camps are available in two sizes, 254mm (10) and 170mm (6.69), both of which ensure ease of use. The clamps effectively eliminate fabric slippage even at the highest tension levels. The mechanical stretching device places the screen frame in contact with the mesh, after stretching, by controlled pneumatic pressure. In the event that compressed air is not available, a mechanical frame pressure system is also available.

Benefits:
   Capable of Angling Frame
   Stretch Single or Multiple Frames
   Easily Adjusted for Various Sizes
   Can Stretch Different Types of Fabric to Optimum
   Tension Levels Evenly Across Entire Area
   Fabric is Stretched Independently of Frame

Popular Sizes:

E-TS-4559	45 x 59	Mechanical Stretcher
E-TS-5959	59 x 59	Mechanical Stretcher
E-TS-5970	59 x 70	Mechanical Stretcher
E-TS-5978	59 x 78	Mechanical Stretcher
E-TS-6565	65 x 65	Mechanical Stretcher

Options:
   Additional frame supports
   Pneumatic connection

DIAMOND CHASE TENSION-QUIK ADJUSTABLE FABRIC STRETCHER

Now you can have ONE fabric stretching system that adjusts easily and quickly to any size with only one simple tool.

This newest TENSION-QUIK product is available in any length. Four identical frame sections constitutes a system set. One 1-1/2 hex wrench is included and is used to tension the fabric by rotating the roller bar in each of the four frame sections. The four frame sections are designed to nest together allowing the frame sections to slide back and forth and therefore to adjust to any frame size or proportion. No Bolts or tools are required. This feature allows easy and quick assembly, adjustment to size and disassembly for compact storage.

The frame sections are precision extruded of a special aluminum alloy and Heli-Arc welded to give them maximum stiffness and durability. The price is the same for standard or custom sizes. All prices are computed by the inside lineal inch.

Available in Double Rod Top Loading fabric locking system or Keystone Slotted Rod fabric loading system. Please specify.

Standard Size Stretcher;

E-TQ-2525	Tension Quick 25x25 Adjustable Stretcher

(Available in any size)

Accessories;

E-TQ-0005	Tension Quick Allen Wrench
E-TQ-0006	Tension Quick Pizza Roller Insertion Tool

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AUTOMATIC SCANNING SCREEN WASHER

AFFORDABLE AUTOMATIC SCREEN WASHING & RECYCLING

Features:

Eliminate Flammable Solvents: Uses safe biodegradable solvents

Eliminate Mess: Completely closed system.

Eliminate Solvent & Ink Laden Rags: Not needed with the closed system

Cleans Screens Quickly 1 TO 3 MINUTES No lost time or production

Recycles Chemistry: The least expensive system to operate available

Eliminates Disposal Costs: Only pigment laden filters require costly disposal. (Check with local water treatment facility)

LOW LIFT OVER 9010-3 has a double hinged top with a 34" lift over height

This is the latest advance in automatic screen washing available anywhere. We feel that this is the safest system available for both the worker and the environment. The washer is a electronically controlled, air powered system. This eliminates the need for explosion proof motors that might not remain that way. Air power is the safest source for powering a solvent based cleaning system.

All the operator is required to do is place the screen in the holding easel and push one button. At that point, one of the dual air pumps delivers one of our Screen Systems approved biodegradable cleaning solvents to the scanning spray head. The head delivers wash to the screen at about 100 p.s.i. The fan shaped spray moves across the screen providing maximum surface agitation and pressure. This agitation combined with the solvent power of Screen Systems approved solvents completely cleans any screen in a about one minute in the 9010-1 (sizes to 27x36") or about three minutes in the 9010-3 (sizes to 46x57").

After solvent drains from the screen, it flows into the drain in the bottom of the cleaning chamber and is pumped through a second pump to a series of two filters. This dual filtration design removes particles down to one micron in size from the solvent, effectively removing almost all pigment. Only used filters need to be properly disposed of. From the second filter, the solvent is returned to the reservoir for reuse. Because the solvent is filtered before being returned to the reservoir, there is no sump to clean out. Screen Systems biodegradable solvents are water soluble and easily removed from the screen with water.

The cabinet and most components are made of welded polypropylene. This makes them almost indestructible while being light weight.

Controls are all solid state with easy to read LED display. While a standard cycle time is set at the factory, it can be easily changed to meet any job. The entire system uses 12 volts (standard household current is 115 volts) for absolute safety. A UL approved 12 volt converter is supplied with the system. The automatic washer can not be operated with the top open. Air supplied should not exceed 100 psi or 20 c.f.m. The system allows the effective use of biodegradable solvents while keeping their cost below that of standard solvents.

Also included in the system is a power wash brush that can have wash pumped though it while the operator cleans squeegees, flood bars, mixing tools, etc. The power brush is activated from the control panel and can be used within the top up.

Compressed air source of 100 p.s.i. at 20 c.f.m. required from an external source (not included with washer).

U.S. Patent No. 5,056,948

Model 9010-1   27x36" Automatic Screen Washer
Model 9010-3   46x57" Automatic Screen Washer

AUTOMATIC EMULSION REMOVER

AFFORDABLE AUTOMATIC RECLAIMING

Features:

1000 P.S.I. Completely cleans

Eliminate Mess: Completely closed system.

Eliminate Mixing and Using Caustic Chemicals in the Open: Not needed with the closed system

Cleans Screens Quickly Cleans most screens in 60 seconds or less. No lost time or production

Recycles Chemistry: The least expensive system to operate available

Eliminates Disposal Costs: Only pigment laden filters require costly disposal. (Check with local water treatment facility)

Extremely Durable: Welded polypropylene body on an aluminum frame.

The Screen Systems Automatic Emulsion Remover brings 1000 p.s.i. power to a recirculating system. Using a high powered removing fluid instead of plain water, this system combines the benefits of high pressure and efficient chemistry. A unique priming system allows the use of an electric pump with air powered filtration. The proven fan spray technique provides maximum pressure transfer to the screen. This is the latest advance in emulsion removal available anywhere. We feel that this is the safest system available for both the worker and the environment. All the operator is required to do is place the screen in the holding easel and push one button. At that point, one of the dual air pumps delivers our Screen Systems approved biodegradable emulsion remover to the 1000 p.s.i. pump, then to the scanning spray head. The fan shaped spray moves across the screen providing maximum surface agitation and pressure. This agitation combined with the power of Screen systems approved emulsion remover completely clean any screen in a about one minute in the 9110-1 (sizes

to 27x36").

After emulsion remover runs off of the screen, it flows into the drain in the bottom of the cleaning chamber. There it is picked up by the second pump and powered through a bag filter. This removes particles to one micron in size, effectively removing almost all emulsion to be properly disposed of. The emulsion remover fluid is then returned to the reservoir for reuse. Because the remover fluid is filtered before being returned to the reservoir, there is no sump to clean out.

The cabinet and most components are made of welded polypropylene. This makes them almost indestructible while being light weight.

Controls are all solid state with easy to read LED display. While a standard cycle time is set at the factory, it can be easily changed to meet any job. The system uses 12 volts (standard household current is 115 volts) for controls and a 20 amp line for the pressure pump. A UL

approved 12 volt converter is supplied with the system. The automatic washer can not be operated with the top open. Air supplied should not exceed 100 psi or 20 c.f.m.

Compressed air source of 100 p.s.i. at 10 c.f.m. required from an external source (not included with washer).

U.S. Patent No. 5,056,948

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SCREEN SYSTEMS WASHER/VIEWER
A COMPLETE SYSTEM FOR RECYCLING BIODEGRADABLE SOLVENTS
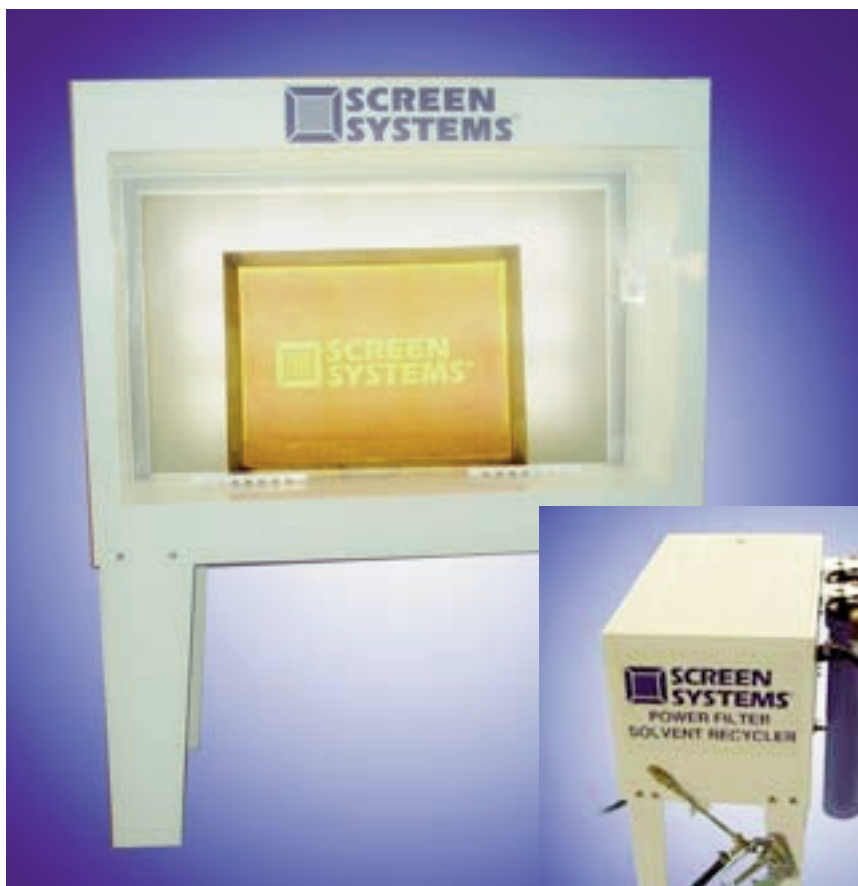
Features:

No Electricity Needed!

Eliminate Flammable Solvents: Uses safe biodegradable solvents

Eliminate Mess: Completely closed system.

Eliminate Solvent & Ink Laden Rags: Not needed with the closed system

Cleans Screens Quickly No lost time or production

Recycles Chemistry: The least expensive system to operate available

Eliminates Disposal Costs: Only pigment laden filters require costly disposal. (Check with local water treatment facility)

Extremely Durable: Welded polypropylene body.

This is the latest advance in manual screen washing available anywhere. We feel that this is the safest system available for both the worker and the environment. The washer is a manually controlled, air powered system. This eliminates the need for explosion proof motors that might not remain that way. Air power is the safest source for powering a solvent based cleaning system.

The operator places his screen in the washer/viewer and activates the spray gun. The spray gun delivers 2500, 2550, or 2650 biodegradable cleaning solvent to screen while the operator scrubs into any ink residue with a brush. Ink is easily and quickly broken up by agitation,

combined with the solvent power of Screen Systems biodegradable solvents to completely clean any screen in a few minutes.

After solvent drains from the screen, it flows into the drain and is pumped through a series of two filters. This dual filtration design removes particles down to one micron in size from the solvent, effectively removing almost all pigment. Only used filters need to be properly disposed of. Once filtered, the solvent is returned to the reservoir for reuse.

The cabinet and most components are made of welded polypropylene. This makes the unit light weight and almost

indestructible.
The entire system uses no electricity, it is powered entirely by air. The Pump Station requires a clean air supply which should not exceed 100 psi or 10 c.f.m. The system allows the effective multiple use of biodegradable solvents while keeping costs below that of standard solvents.

Available in one and two pump versions. The one pump version delivers about 4 gallons per minute, with a slight pulsing action to the spray. The two pump version delivers a steady stream of about 8 gallons per minute.
.

Pump Station Only	Specifications Screen Systems Washer/Viewer					
				NEW		
	Complete 1 Pump System	Complete 2 Pump System	Sink Only	Back Lit Sink Only	Sink Size Frame Size	Maximum Frame
9020-0 1 Pump Recycler	9020-1	9025-1	9030-1	9035-1	54x24x36	33x53"
	9020-3	9025-3	9030-3	9035-3	76x24x56"	53x75"
9025-0 2 Pump Recycler	9020-5	9025-5	9030-5	9035-5	100x24x80"	77x98"
	9020-7	9025-7	9030-7		124x24x92"	84x120"

PRESSURE WASHER

MONTI-POWER

MONTIPOWER ELECTRIC MOTOR

MONTIPOWER AIR DRIVEN

EMULSION ELIMINATOR III

The Emulsion Remover III Pressure Washer delivers 1000 psi of power delivered through a long lasting brass head pump. The special nozzle on the Eliminator III is completely adjustable from a narrow pinpoint stream to a wide fan spray. The ergonomically designed spray gun and steel lance makes for easy and accurate cleaning of screens.

Specifications;

Water Volume	2.1 GPM
Pump Construction	Brass
Electrical	115V, 60 Hz
Fuse Protection	15 Amp
Maximum Water Temp.	140° F
Nozzle Type	Adjustable

E-44-4616-0   Eliminator III Pressure Washer

CAST ALUMINUM NOZZLES

This cast-aluminum, specially-designed nozzle won t damage the mesh and can be purchased separately in 9 width. It s smooth rounded design and plastic end caps make this the ideal vacuum tool for use on screens.

AWT-SV-2   9 Cast Alum Nozzle

THE IDEAL TOOL FOR CLEANING FRAMES AND REMOVING ADHESIVE

MBX tools are constructed to optimize the performance of the MBX belts and vinyl eraser. Safety, durability, ease of operation and the ability to perform a wide variety of surface preparation task make the MBX a "must have" tool.

MBX Screen Printing belts will quickly strip epoxy, mesh and ink from aluminum screen frame in a single operation
The cleaned surface has sandblast-like texture which is perfect for bonding new screen mesh
No heat or odor is created when removing epoxy and screen residue
MBX belts clean the surface evenly - so surface contours, sharp edges or uneven texture
New aluminum frames can be textured for initial bonding
MBX belts are safe and durable and can be easily reused for a long performance life.

MBX-USSE-050	Montipower Electric
MBX-USSP-01	Montipower Air Drive
MBX-WF	Wire Wheel Fine
MBX-WM	Wire Wheel Medium*

*Recommended for cured adhesive removal

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WEIGHING SCALES

i2600

My Weigh Scales

Professional compact digital scale offering a mammoth weighing capacity that increments in 0.1 gram intervals. Nothing compares in price, performance and quality!! Both the i2600 scale and the i5500 have a 6.5□x 5.25□removable stainless steel weighing platform which is a larger platform than previous models. They also feature a parts counting mode which can count items as small as a button.

My Weigh iBalance 5500 is the perfect higher capacity precision scale. Nothing on the market compares for price and features especially with 5500 grams weighing capacity and in 0.1 gram increments. The iBalance comes complete with an AC Adapter and large 6.5" x 5.25" stainless steel weighing platform. The extra-large backlit LCD makes for easy reading even in poor lighting. The base of the scale has height adjustable rubber feet, these are used in combination with the included level bubble so you can set the scale at a perfectly flat angle (for optimum accuracy). My Weigh i5500 and i2600 digital precision scales read in 7 Standard modes for a wide array of weighing applications.

UACCX-SCALE-1	i2600 Scale
Readability:	0.1(g)
Capacity:	2600g/5.73lb.

UACCX-SCALE-3	i5500 Scale
Readability:	0.1(g)
Capacity:	5500g/12.125lb.

i5500 Scale

PANTONE® Formula Scale 2

Provides fast, accurate reliable ink formulations in seconds. Calculates formulas for over 900 (compatible with PANTONE 1000 Color Range) PANTONE MATCHING SYSTEM® Colors.

Large, bright display with oversized touch-key pad. Simply key in the PANTONE Number and the quantity of ink required. The scale calculates the exact amount of each PANTONE Basic Color required.
There are two models available in both Pound or Gram reading. One scale weighs up to 10 lbs. (approximately one quart UV) and the other up to 50 lb.(approximately 5 gallons UV)

KC-0001	Mixing Scale (Ounce) 10lb.
KC-0001-G	Mixing Scale (Gram) 10lb.
KC-0002	Mixing Scale (ounce) 50lb.
KC-0002-G	Mixing Scale (Gram) 50lb.

SQUEEGEE SHARPENERS

ATMA AUTOMATIC SQUEEGEE SHARPENERS

Liberty offers the ATMA AT-S TOP-QUALITY Automatic Squeegee Sharpeners in two versions (AT-S, Manual Feed-in type) & latest Fully Automatic type (AT-S-A Auto Feed-in type), with ISO9001 & 14001 certified quality featuring elegant design, solid structure, compact size, fine finish, extreme accuracy, superb performance, user friendly operations and environment-friendly energy efficiency, Top-quality of their kind in the market.

The squeegee (mounted readily on a clamp or handle) is held still horizontally by the Squeegee Holder with blade up-right, the Grinding Wheel rotates and travels in shuttle stroke to grind the blade edge. Due to the high resolution of the wheel and steady and smooth shuttle stroke movement, perfect sharpness and straightness are therefore guaranteed.

Adopts Diamond wheel for grinding (single roughness on AT-S type; dual roughness + Digital-Preset Selection + Pneumatic Auto-shifting on AT-S-A type), long life and easy to maintain.

Vacuum Cleaning with vacuum cleaner installed inside machine cabin to collect the ground-off debris.

Electric control (AT-S-A type adopts PLC control) features on/off switches for main power & vacuum, selection switch for manual/auto operation, print head single-stroke buttons and speed tuner. AT-S-A type has further Digital Setting + Display for Shuttle Times/Feed-in Depth (1 each for 2 wheel roughness) & Wheel height

AT-S70	27.5	Automatic Squeegee Sharpener
AT-S100	39	Automatic Squeegee Sharpener
AT-S150	59	Automatic Squeegee Sharpener
AT-S200	78.75	Automatic Squeegee Sharpener
AT-S70A	27.5	Fully Automatic Sharpener
AT-S100A	39	Fully Automatic Sharpener
AT-S150A	59	Fully Automatic Sharpener
AT-S200A	78.75	Fully Automatic Sharpener

Serilor® Diamond Maxi SQUEEGEE SHARPENER

The SERILOR® Manual Squeegee Sharpener is an affordable table top squeegee sharpener that uses a 120 grit indestructible diamond cutting/polishing head for square-edge blade.

Features include;

   32 x 16 size which fits on any table in the shop.
   Micro adjustment for precise cutting on all squeegee sidths.
   Six profile sharpening wheels available.
   Sharpens all types of squeegee material.
   Easy to operate.
   Quiet.
   On-off switch.
   110V, 3000RPM motor.

ATMA MANUAL SQUEEGEE SHARPENER

Liberty offers the ATMA Manual Squeegee Sharpener as a professional yet economical solution to your squeegee sharpening needs.

The squeegee (mounted readily on a clamp or handle) is held horizontally by the Squeegee Holder with blade facing down, hand push the squeegee leftward toward rotating wheel for grinding along high-quantity linear rail, so as the stroke limits & speed are controlled (slow & steady speed for right-to-left highly suggested, left-to-right return may be faster).

Stationary Motor-drive design, adopts Sand-belt Wheel for grinding, wheel rotation speed fixed in uniform clockwise direction, perfectly balanced and easy to maintain. With another Stone Wheel at the other end for corner trimming.

Simple single-switch electric control.

AT-S50M
AT-S75M

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GRAPHTEC DIGITAL PLOTTERS/CUTTERS

CraftROBO Pro

The CraftROBO Pro is a 15□cutter that is the result of years of research and improvements that allowed Graphtec to produce a professional quality cutting plotter to the desktop.

CE5000MK2

The Graphtec CE5000-60 (24") and CE5000-120 (48") engineering class cutting plotters update the extremely successful CE3000Mk2 series with improved features, as well as a cleaner, "greener" electronic design and manufacturing process to minimize the environmental impact of the equipment throughout its life cycle.

FC7000MK2

The new FC7000MK2 series is available in five model configurations: FC7000MK2-75 30□ the FC7000MK2-100 42□ the FC7000MK2-130 54□ the FC7000MK2-160 64□and the series newest size: FC7000MK2-60 24□ Maximum compatible media widths for each model are 30.3□ 36□ 48□ 60□ and 72□respectively.

FC2240

The FC2240 Large Format flatbed cutting plotter is available in 47" x 36" and 68.5" x 36" table sizes, with optional tool head configurations and material hold-down systems. Dual Head Design features 1000 grams and 500 grams maximum down force for more efficient marking and cutting work flows.

FREEJET320 TX
Direct to Garment Printer

The Omni Freejet 320 is the ultimate in direct to garment printers. It prints brilliant color in the finest detail and solves many of the problems of older models. The sealed and pressurized, bulk ink delivery system eliminates flow problems due to changes in humidity or pressure. A unique wet docking system insures that your print head won't dry out over night. On top of that, it has the ability to clean one color head and line, or multiple heads and lines with its unique pump cleaning system. This makes it easy to store your Freejet for days or weeks at a time without fear of losing a print head. The heavy duty self leveling bed comes with laser automatic height adjustment sensor. Innovative, user friendly DirectRip software and push button control functions make it easy to operate. The Freejet is the answer you have been waiting for in a direct to garment printer.

FreeJet 320TX Features:

* Print on demand" inkjet printer prints on DARK and Light Garments in full color.
* Minimal set-up, tear-down, clean-up, and space required.
* 8 color (CMYK Plus 4 Bright White) water-based pigment ink full color printing and can be cured with standard heat press.
* Print time less than 1 minute for most designs on a white shirt.
* Unique Head Cleaning System - Automates Maintenance Processes.
* 13□x 19□maximum print area.
* 100% cotton, 50/50 cotton/polyester printed substrate.
* Single and double print modes.
* 2800 x 1440 (dpi) Max print resolution. Great for photo quality prints!
* Print directly from your PC, just like a desktop printer.
* Fast RIP with NO processing time
* Removable T-shirt pallets

Specifications:

Printing Method: Piezo InkJet
Printable area: Standard Shirt Board (13 in x 18 in)
- Hat Platten, Infant, Youth, Sleeve available
Dimension: 22.6 in x 35.5 in x 17.7 in (W X L X H)
Weight: 190 lb
Printing Speed 10x8 Image:
(Black & Colored Garments =4 Min)
(White Garment =Under 1 minute)
Maximum Thickness: 4.75 in
Maximum Product Weight: 66 lbs
Interface: USB
Resolution Max: 2880 X 1440 DPI
8 Ink channels using White Ink: (C, M, Y, K, White, W,W,W; Water Based Ink)
Ink supply system: Bulk Ink 200ml Sealed ink tank system
Power supply AC 110 - 220V +/- 10% 60/50Hz, 25W
Operating System Windows 95, 98,ME,NT,2000,XP, MAC (only USB using emulator)
Rip: OmniPrint Direct Rip
Surroundings Temp: 10-35¬□ Humidity 20-80%
Printable Media: 100% Cotton and cotton Blends

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Dip Tanks

Features:

Extremely Durable: Small and Medium sized tanks are made of molded polyethylene. Larger custom sized tanks are made of welded 3/8th" polypropylene.

Customizable:

Custom sizes are available. Drains available on all sizes and false floors can be added on custom tanks.

Small Dip Tank with Lid
Inside Dimensions:
24" Length x 4.5" Width x30" Depth
Overall Capacity: 15 Gallons.
Max Screen Size: 23"x28"
Recommended Screen Capacity: 2 Frames

Medium Dip Tank with Lid
Inside Dimensions:
30"Lx8"Wx36"D
Overall Capacity: 37 Gallons.

Max Screen Size: 25"x33"
Recommended Screen Capacity: 4 Frames

Custom Dip Tanks Available
For sizes larger than 30"Lx8"Wx36"D

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