ABDICK 9995 SERIES TWO-TOWER OFFSET PRESSES

The ABDick 9995 Series are reliable, true two-color offset presses equipped with an array of features that simplify operation and increase productivity while consistently delivering high quality spot, multi- and process color output.

This series is available in four configurations: 9995, 9995A, 9995-ICS and 9995A-ICS. Each features two easily accessible individual printing heads which can be operated independently for single color work or simultaneously for two-color applications.

The 9995 Series has the agility to meet the needs of today's rapidly evolving printing market. Designed for digital compatibility, it is ideally suited to work in conjunction with Presstek's ABDick DPM, Vector TX52, and Dimension Excel CTP solutions.

V-SHAPED, 5-CYLINDER DESIGN

The printing heads feature a V-shaped, five-cylinder configuration. The design incorporates two plate cylinders and two blanket cylinders. Separate blanket cylinders prevent ink migration for consistent color throughout the run. A common double-surface impression cylinder allows both colors to be printed without a gripper change, ensuring excellent registration.

Double sprung grippers are used on the paper feed drum and impression cylinders. A separate transfer cylinder promotes accurate paper registration. Even during high speed printing and heavy solid printing, precise registration accuracy is maintained.
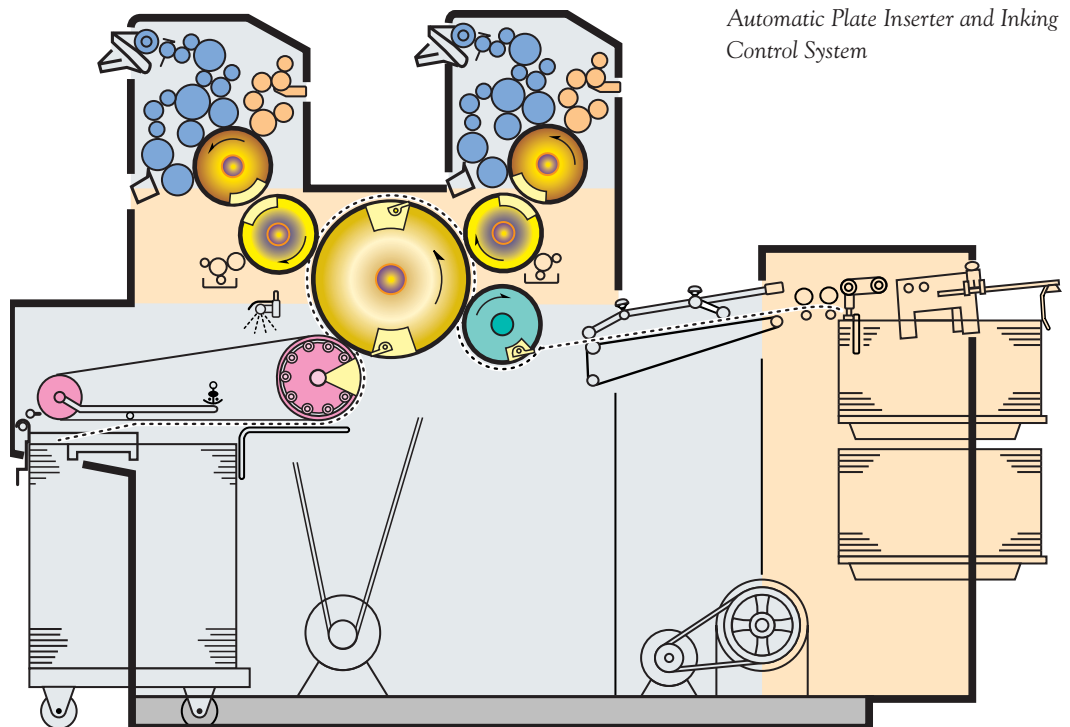
Model Shown:
ABDick 9995A-ICS with Semi-Automatic Plate Inserter and Inking Control System

MODEL 9995A·ICS

POLYESTER OR METAL PLATES

Get excellent quality using a wide range of plate materials including digitally produced polyester-based plates as well as metal offset plates.

ABDICK 9995 SERIES FEATURES

- Ink Control System Console (9995-ICS, 9995A-ICS)
- Segmented Lever-Actuated Ink Fountains (9995, 9995A)
- Semi-Automatic Plate Inserter (9995A, 9995A-ICS)
- Straight-Edge Plate Clamp with Register Pins (9995, 9995-ICS)
- Centralized microprocessor control
- Push button operation
- Auto-sequencing
- Motorized continuous film dampening system
- 16-Roller ink system with 3 ink form rollers
- Ink roller cleaning attachment
- Automatic ink ductor control
- Ink volume stepless adjustment
- Impression cylinder pressure control
- Plate cylinder predetermined position stop
- Quick release blanket bars
- Paper path setup software
- Double sheet detection (mechanical)
- Static eliminator on feeder
- Paper jam detection with indicator
- Extended push guides
- Precise vertical image adjustment
- On-the-fly lateral image adjustment
- Diagonal sheet skew adjustment
- Pre-pile capability with 2 paper tables
- Chain delivery with 2 roll-away dollies
- Delivery pile automatically receding stacker and lower limit switch
- Anti off-set powder spray unit
- Preset repeat counter with batch function (electronic, 5 digits)

- Machine counter (total no. of machine rotations, 8 digits, non resettable)
- Emergency stop buttons (at each printing unit and delivery sections)
- Cylinder safety bars and safety covers
- Centralized lubrication system
- Oil pans (2)
- Standard tool kit
- Work organizer
- Blanket wash plunger can

CENTRALIZED CONTROLS

Ease of use and operator comfort are assured with lever-free operation. Push-button controls are concentrated at the delivery side which minimizes operator movement to allow more time for focusing on print quality.

Printing unit selection, press speed, number of prints and the dampening solution supply volume can all be set at the delivery side. An additional control panel at the feeder furthers convenience and productivity.

After makeready operations, the operator starts printing by simply pushing the production button which activates pumps, paper feed and the gradual acceleration to the desired press speed.

Inking and switching the water form roller on and off are also done simply by pushing buttons.

The handy paper size change button reduces makeready time and paper waste when changing stock sizes. One touch feeds a single sheet which automatically stops at both the feeder and delivery sections, allowing quick set-up and easy resetting of the paper guides.

Push buttons on the centralized control panel allow simplified operation.

FEEDER & DELIVERY SYSTEMS

The universal feeder accommodates a wide range of printing jobs—from postcards and envelopes to full brochures.

Feed guides are easily adjusted and incorporate rear blowers for reliability. The system features micro-adjustment for small movements in paper stocks. A static eliminator bar in the feeder minimizes problems caused by static electricity in dry environments.

Multiple sensors monitor paper travel. When a paper jam or double sheet is detected, the press shuts down automatically, and an LCD displays indicate the source of paper trouble. Mechanical doubles detection is standard; optional electronic detectors are self-calibrating and require less operator intervention.

The pre-piling feature enhances productivity by allowing paper to be preloaded while the machine continues to run. It's ready to go again when the last sheet of the first stack is fed.

A chain delivery with automatically lowering, roll-away paper platforms is featured on the 9995s. A capacity of 17.3" (440 mm) lets the operator unload less often during long runs. When the delivery table limit is reached, a switch automatically shuts off paper feed so the stack does not overload.

An optional universal pile board can be used for different stock sizes and promotes easier and faster setup.

9995 INKING SYSTEMS

The 9995 Series features a 16-roller inking system, including three ink form rollers of differing diameters, that provides superior screen quality and the capability to print large, dense solids.

This system features ink ductor roller shut off. In automatic mode, the ink ductor roller operates only while printing. When the 'on' button is depressed, it operates continuously.

The drop-down ink fountain and ink roller cleanup device allow fast, easy cleaning. Ink form rollers can be released if idle to increase roller life and prevent flat spots on roller surfaces.

Presstek offers a choice of either the Ink Control System on the 9995-ICS and 9995A-ICS or the Segmented Lever-Actuated Ink Fountains on the 9995 and 9995A. Both systems are designed to simplify operation, increase productivity and ensure consistent ink balance and color tones during the run.

IVS and IKE Software options facilitate greater workflow efficiency by estimating the ink fountain key settings for newly designed print jobs. And, they do it before a single sheet has been run through the press which reduces makeready time.

OPTIONS DELIVER EXCEPTIONAL RESULTS WITH LESS EFFORT

Ink Control System (ICS)

The integrated Ink Control System (on ICS models) provides remote control over automated ink fountain keys from a stand-alone, delivery-side console. The operator simply 'punches in' the ink feed rate for the precise coverage needed for the image.

ICS cuts the time and effort required for ink zone adjustment resulting in quicker, more efficient make ready. It also reduces the labor involved with the continual observation and adjustment of ink densities during press runs.

Once optimal ink values for a job are obtained, those settings can be stored on a 3.5" floppy disk for easy retrieval and fast setup for future reprints.

This factory-installed system works in conjunction with the optional IVS software.

Segmented Lever-Actuated Ink Fountains

9995 and 9995A presses are equipped with segmented lever-actuated ink fountains. Split segments are laser cut into the ink blade so that each region operates independently against the fountain roll. This results in more precise ink control.

Calibrated setting numbers provide a good starting place for ink densities. Graduated levers make it possible to quickly profile the current ink supply; and by raising or lowering the levers, fine adjustments can be made to the flow of ink for better color control and image consistency.

This system interfaces with optional IKE software for ABDick DPM platesetters.
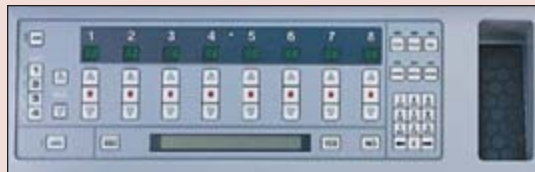
## SOFTWARE AUTOMATES INK FOUNTAIN KEY SETTINGS

Ink Volume Setter (IVS) and Ink Key Estimator (IKE) are software options designed to get the best coverage using the least amount of ink—promoting a high quality image with less set-off and faster drying times.

Both IVS and IKE analyze the light and dark areas in each process color separation of a job, and based on the image data, estimates the appropriate settings for each ink key region.

IVS software delivers the digital data via a floppy disk to the ICS console which then automatically sets the ink fountain keys to the corresponding levels. IVS can be installed on a DPM RIP or a stand-alone RIP workstation.

With **IKE**, the data is delivered on a print-out, which the operator uses as a guide while manually setting ink keys on the **segmented lever-actuated ink fountain**. If adjustments are made during the run, the new values can be noted and saved with the job information allowing quick, consistent re-runs.

IKE, which works only on a DPM RIP, also determines the optimal ink fountain roller sweep (duration ink is applied) that controls the overall ink densities.
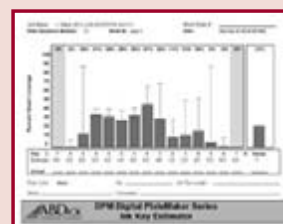
IKE print-out

OPTIONAL REGISTER PUNCHES SIMPLIFY PLATE PREPARATION

The 9995 and 9995-ICS come with a hand-operated punch as standard. Upgrading to one of these optional punches simplifies operation and reduces the time required for make ready and on-press adjustments.

The high-precision optical pre-register punch delivers highly accurate results. This lower cost unit lets the operator line up the image optically to the targets on a plate.

Consider the video plate punch for further efficiency and precision. The plate image is magnified 40x and displayed on video monitors making it easy to perfectly align register targets in a fraction of the time. It can be used with portrait and landscape presses and accepts plates up to 22 x 29" (559 x 737 mm).

EASY ADJUSTMENTS FOR EXCELLENT REGISTRATION

Dial-type image adjust-ment provides precise vertical (±20 mm, ±.79") and lateral (±2 mm, ±.079") control of the print image position which significantly reduces the time and effort required for registration. Lateral adjustments can be made on-the-fly for increased productivity.

A unique sheet skewing device further enhances registration capabilities. The operator can make diagonal micro adjust-ments (up to ±0.5 mm) quickly without stopping the press.
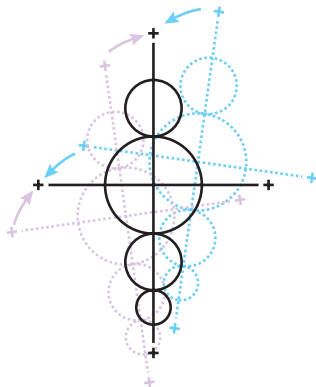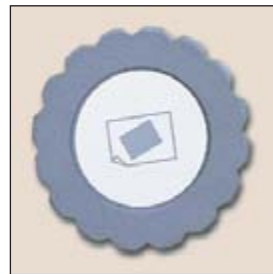
Leading Edge

MANUAL PLATE CLAMPS

Our 9995 and 9995-ICS models feature manual, straight-edge plate clamps. Positioning pins locate the printing plate into the proper position, allowing the operator to quickly and accurately mount plates.

A two-position lever ensures that the spring tension in the plate clamp system is optimal for either metal or polyester plates which is helpful in preventing plate stretch.

SEMI-AUTOMATIC PLATE INSERTER ON 'A' MODELS

Both the 9995A and 9995A-ICS presses feature a semi-automatic plate insertion system for better plate handling and more simplified, accurate operation.

Printers who turn around many multi-color or short-run jobs will find this to be an excellent time-saving feature.

With less intervention required by the operator, and no tools needed for changing plates, makeready times and paper waste are greatly reduced.

Metal or polyester plates are loaded semi-automatically by a pneumatic system which ensures reliability and precision. An operator can start printing with the touch of a button at the control panel, and perfect registration is more easily achieved.
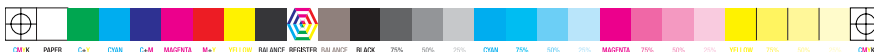
CONTINUOUS MOTORIZED FILM DAMPENING SYSTEM

A continuous motorized film dampening system is featured on the 9995 Series for excellent fountain solution control in running a variety of printing plates.

A 6-roller configuration, including a motor-driven fountain roller, forms an optimal water film on the plate surface from the start of printing.

This flexible system enables precise regulation of dampening solution supply volume to match paper stock, ink, plate materials and environmental conditions for excellent printed results.

Switching between two modes of pre-wet cycles supplies the proper water film thickness to match the plate material—metal or polyester—delivering stable quality from the start of printing.

The pre-wet switch lets the operator apply quick bursts of additional moisture to the plate surface on demand. This is helpful during setup, starting up when running silver plate material and for cleaning up plates quickly.

Moisture level sensors monitor dampening solution, and when necessary, automatically shuts off the dampener motor and paper feed and lights an indicator. Moisture rollers can be run at a slow speed for setting metering roller squeeze and unit maintenance.

The 9995A and 9995A-ICS include a chiller/recirculator that delivers full performance from the dampening system and makes it particularly suited to CTP polyester plates and longer runs.

The 9995 and 9995-ICS come with a recirculator as standard with the chiller/recirculator as an available option.

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BUY SUPPLIES ONLINE! IT'S FAST, SECURE AND AVAILABLE 24/7

Visit us at **shop.presstek.com** to purchase supplies for your 9995 series press, pressroom supplies, and parts and small equipment products.

It was customer feedback that led the way for Presstek to develop this new method of doing business with us in this digital, deadline-oriented world. So we know it will be a valuable resource for your printing operation.

Shop and order at your convenience, 24 hours a day, 7 days a week. And, use a payment method that's right for you—major credit card or Presstek account.

When visiting (whether registered or not), you can browse our product catalog to find what you need and place orders. The catalog is divided into well-defined sections and products are easily identified, making the search for supplies, parts and other products an easy one.

Logging in as a registered user gives you additional benefits such as customer-specific pricing, promotional offerings and the ability to build a custom 'my supply list' for easy future orders.

If you're new to purchasing online, or doing business with Presstek, see our FAQ section. It covers a wide range of topics about the entire ordering process.

A 'Contact Us' form lets you send questions or comments. We'll reply quickly.

Visit **shop.presstek.com** today, and see how we're making life a little easier for our valued customers.

9995 PRESS CONFIGURATIONS

FEATURE:	9995	9995A	9995-ICS	9995A-ICS
Straight-Edge Plate Clamp with Register Pins	STD	N/A	STD	N/A
Semi-Automatic Plate Inserter*	N/A	STD	N/A	STD
Segmented Lever-Actuated Ink Fountains	STD	STD	N/A	N/A
Ink Control System Console*	N/A	N/A	STD	STD
Recirculator with Level Sensors	STD	N/A	STD	N/A
Chiller / Recirculator with Level Sensors 115V, 50/60Hz (1-4351); 230V, 50/60Hz (1-4352)	OPT	STD	OPT	STD
Hand Operated Register Punch	STD	N/A	STD	N/A
High-Precision Optical Register Punch	OPT	OPT	OPT	OPT
Video Register Punch	OPT	OPT	OPT	OPT
IVS Ink Volume Setting Software	N/A	N/A	OPT	OPT
IKE Ink Key Estimator Software (for use w/DPM only)	N/A	N/A	OPT	OPT

* Factory-installed at time of order only.

OPTIONAL ACCESSORIES

42010	Infrared / Dry Powder (220 volt)
42008	Blanket Cleaning Devices
42003	Electronic Double Sheet Detector
42005	Universal Paper Pile Board
43277	Card Guide
43293XC	Tape Inserter
42009	Super Blue Anti-Tracking Device
5601	Super Blue Replacement Net
42004	Optical Register Punch
49001	Video Register Punch
42006	Print Counter
42006	Print Counter (Total number of printed sheets 8 digits non resettable)

SPECIFICATIONS

DAMPENING SYSTEM	Continuous motorized film dampener
PRINTING SPEED	3,000 to 10,000 IPH variable
MAXIMUM IMAGE AREA	12.99" W x 17.24" L (330 x 438 mm)
MAXIMUM PAPER SIZE	13.39" W x 17.72" L (340 x 450 mm)
MINIMUM PAPER SIZE	3.54" W x 3.94" L (90 x 100 mm)
PAPER THICKNESS	.0016" to .012" (.04 to .3 mm)
BLANKET SYSTEM	Blanket with quick-release aluminum bars
PLATE SIZE	13.19" W x 19.09" L (335 x 485 mm)
PLATE CLAMP TYPE	Straight-edge plate clamp with positioning pins (spring-tension system)
FEEDING SYSTEM	Universal feeder, 12 suction feet
PAPER REGISTER SYSTEM	Alternate side-to-side push guide for work-and-turn applications
FEEDER PILE SYSTEM	Pre-pile, capacity: 17.3" (440 mm)
DELIVERY SYSTEM	Chain delivery with automatic receding stacker, capacity: 17.3" (440 mm)
IMAGE ADJUSTMENTS	Lateral: .079" (±2.0 mm); Vertical: .79" (±20 mm)
SHEET SKEWING ADJ.	Diagonal: ±0.5 mm
GRIPPER MARGIN	0.31" (8 mm)
ROLLERS	Ink rollers: 16 (Form rollers: 3) Water rollers: 6 (Form roller: 1)
DIMENSIONS	92" L x 34" W x 63" H (2336 x 864 x 1600 mm)
WEIGHT	9995: 2,866 lbs. (1300 kg) 9995A: 2,932 lbs. (1330 kg)
ICS CONSOLE	28" L x 24" W x 59" H (711 x 610 x 1499 mm)
POWER REQUIREMENTS	Single phase 220V, 50/60Hz, 20A

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SUPPLIES

SUBTRACTIVE METAL PLATES

57527	Matte Blue 5.5mil 13-3/16" x 19-3/32" (335 x 485 mm)	Pkg	50/Pkg
59614	ABDick 5.5mil Grained 13-3/16" x 19-3/32" (335 x 485 mm)	Pkg	100/Pkg
83-8-108561	Triton Blue SC XLR-1 8mil 13-3/16" x 19-3/32" (335 x 485 mm)	Pkg	60/Pkg

CHEMISTRY FOR SUBTRACTIVE PLATES

58184	ABDick Subtractive Plate Developer for Grained Plates	Gal	4/Cs
57183	ABDick Subtractive Plate Finisher	Gal	4/Cs
57184	ABDick 2-in-1 Developer	Gal	4/Cs
59184	ABDick 2-in-1 Developer for Grained Plates	Gal	4/Cs
K1TCZ000	Triton Blue Developer/Finisher	5 Liter Btl.	4/Cs
4-1320	ABDick Subtractive Plate Gum	Gal	4/Cs
4-9970	Metal Plate Image Remover Pen	Each	12/Cs
4-8014	Presensitized Plate Cleaner	Quart	6/Cs

POLYESTER PLATES, CHEMISTRY AND ACCESSORIES

For high quality, short-run, multi-color work, try these polyester plates and chemistries: ABDick MEGAPlus, MEGAPro, MegaPrint or QuickSilver Next Generation. Contact your Presstek representative or visit shop.presstek.com for the correct plate product to fit your platemaking system and printing requirements.

SBF-330440	MEGA Slip-back Film 13" x 17.32" x .0039" (330 x 440 x .1 mm)	2/Pkg	Pkg
43493	Masking Paper 13-1/2" x 19-1/2" (343 x 495 mm)	100/Box	5/Cs

PRESS BLANKETS

43297	Quick Release Blanket Holder (order 1 set per tower)	Each	Each
43298-P	Conventional Quick Release Blanket w/Aluminum Bar	Case	2/Cs
43456-P	Compressible Blanket (.098) 13" x 19-1/2" (330 x 495 mm)	Case	2/Cs
43457-P	Hard Blanket (.065)	Case	2/Cs
43458	Mylar Packer (.035)	Each	2/Cs
43461-P	Quick Release Packer	Case	2/Cs
4-6010	Blanket Fix Gel	Bottle	12/Cs

FOUNTAIN CONCENTRATE / ADDITIVES

4-1185	PROformace Fountain Concentrate pH 4.3-4.5	Gal	4/Cs
4-1195	Universal Fountain Concentrate pH 5.6-6.0	Gal	4/Cs
38778	MEGA CMS+ Fountain Concentrate pH 4.0	Gal	1/Cs
38704	Silver-Wet Fountain Wetting Additive for MEGA Plates	Case	6/Cs

ALCOHOL / REPLACEMENT

4-1172	Isopropyl Alcohol	Gal	1/Cs
4-1177	Isopropyl Alcohol Substitute	Gal	4/Cs
4-1275	SureDot Alcohol Replacement	Gal	4/Cs
38702	Silver-Sub Alcohol Replacement	Liter	6/Cs

ETCH

4-1015	Blue Etch	Gal	4/Cs
38766	MEGA Etch	Case	6 Qts/Cs

BLANKET / ROLLER WASH

4-1235	Automatic Blanket Wash	Gal	4/Cs
4-1200	Safety Zone Blanket Wash	Gal	4/Cs
4-1238	SureDot Watermiscible Blanket Wash (Pre-Diluted)	(2) 2.5 Gal	Case
4-1248	SureDot Watermiscible Blanket Wash (Concentrated)	5 Gal	Each
4-4315	Blanket Wash	Gal	4/Cs

ROLLER MAINTENANCE SUPPLIES

36797	Cleaner Sheets 13-5/8" x 19-3/8" (346 x 492 mm)	100/Pkg	5/Cs
4-1249	SureDot Meter Water Roll Cleaner	Quart	4/Cs
83-5-101395	Chrome Cylinder Cleaner	Pint	12/Cs
4-4968	Glaze Remover	Pint	2/Cs
4-4970	Ink Roller Desensitizer	Pint	12/Cs
4-4976	Ink Roller Conditioner	16 oz/Btl	4/Cs
4-4978	Ink Roller Paste Deglazer	17 oz/Btl	6/Cs
4-4983	Ink Roller Cleaner	7 oz/Btl	6/Cs

MISCELLANEOUS SUPPLIES

3-3598	Roller Lube	Quart	Each
4-4931	Cotton Pads 4" x 4" (101 x 101 mm)	100/Pkg	20/Cs
4-4940	Heavy Duty Shop Towel Bundles	375/Cs	Case
4-4945	Heavy Duty Shop Towel Rolls	2 Roll/Cs	Case
4-4991	Vinyl Glove (Medium)	100/Box	10/Cs
4-4992	Vinyl Glove (Large)	100/Box	10/Cs
4-4938	Hand Cleaner	12 oz/Btl	12/Cs
4-4939	Hand Cleaner With Pump	1/2 Gal/Btl	6/Cs
4-4988	Grit Hand Cleaner	17 oz/Btl	6/Cs
4-1362	Kresto EF Hand Cleaner (250ml)	Tube	24/Cs
4-1363	Kresto Kwik Wipes	130/Bucket	4/Cs
4-4943	HandyKlnz Moist Wipes 9.8" x 11.8" (249 x 300 mm)	70/Bucket	6/Cs
4-1370	Scrubs in a Bucket (3 LB Bucket)	72/Bucket	6/Cs
4-3800	Offset Spray Powder - 26 Micron	5 Lb.	Box
9-1003-EA	Squeeze Bottle	Bottle	24/Cs
9-2255	Stouffer Gray Scale	Each	Each
5601	Super Blue Replacement Net	Kit	6/Kit

Some products listed above are available in larger quantities. For a complete list of 9995 Series Offset Press and other supplies and pressroom products, visit us online at **shop.presstek.com** where you can browse the entire catalog and place orders 24/7.

ABDICK

PRESSTEK A SMARTER WAY TO PRINT