



Somerville Public School

Education • Inspiration • Excellence

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The Somerville Public Schools is accepting quotes for the sale of surplus equipment listed below:

Two Tower Two Color Offset Printing Press
Model: A B Dick 9985

The equipment is located in Somerville, MA and was purchased in 2005. The equipment will need to be removed from the premises by the buyer.

The sale of the surplus equipment will be awarded to the responsible person offering the highest price. If you wish to submit a proposal, please complete this form, sign and fax it to 617-666-1130 by December 8, 2015.

Quote for Offset Printing Press \$ _____

Signature of individual submitting proposal _____

Name of Business, if applicable _____

If you have any questions, please contact Pat Durette at 617-629-5216.

(PLEASE SEE SPECIFICATIONS ATTACHED)



Up for Bid

AB Dick 9985 two tower two color offset printing press. (Ryobi 3302) but AB Dicks name on it

Bought new in 2005?

2.9 million impressions

Preventative Maintenance Serviced every year

13 x 18 sheet size

Crestline Dampener units

Oil pan

Super Blue antimarking cylinder

Infrared dryer

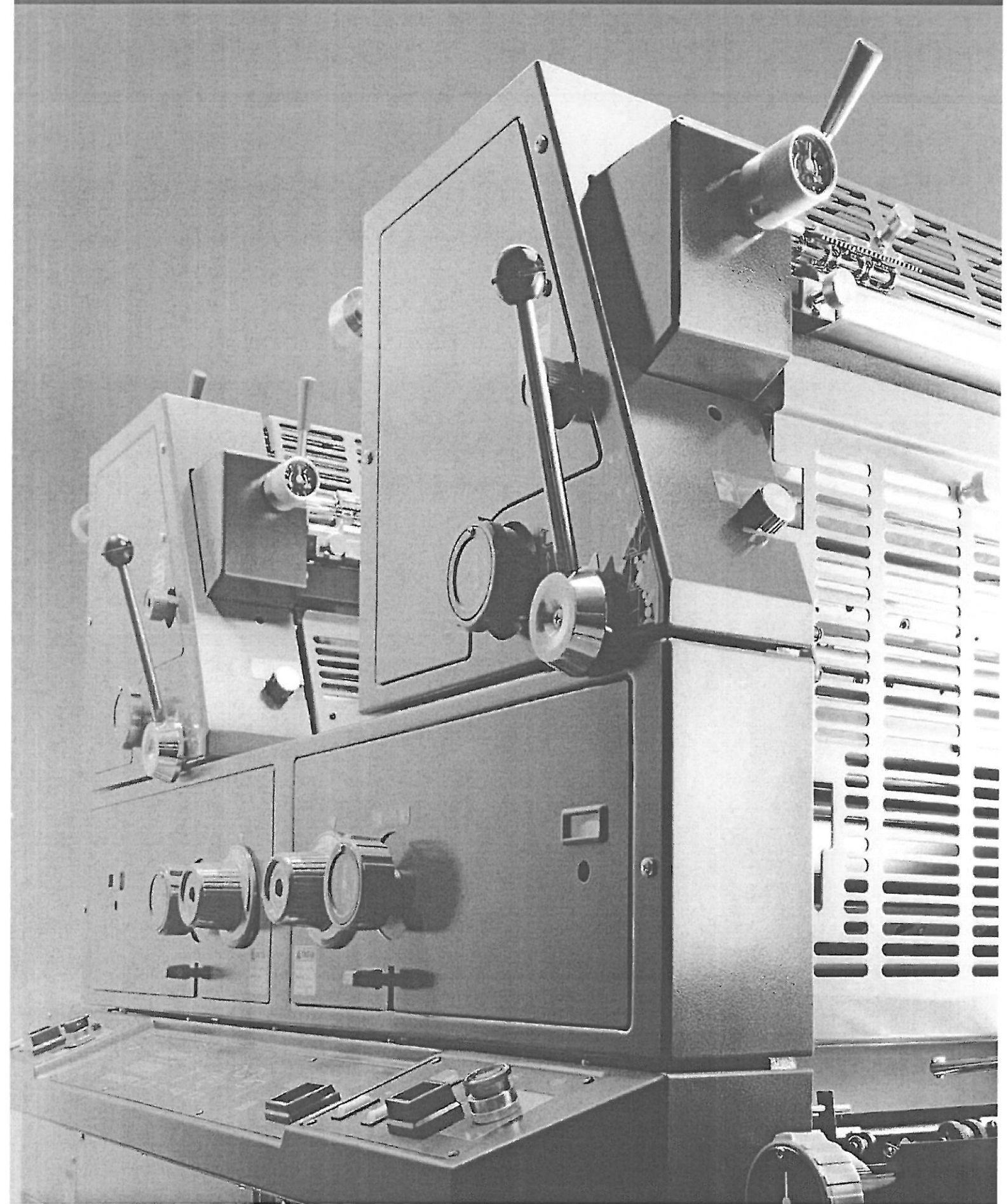
Powder spray unit

Quick release blankets

Comes with extra blankets and laser offset printing plates

See pdf attachment for added details

A B D ick 9985 Tw o-Tow er O ffset Press



ABDICK 9985 TWO-TOWER OFFSET PRESS

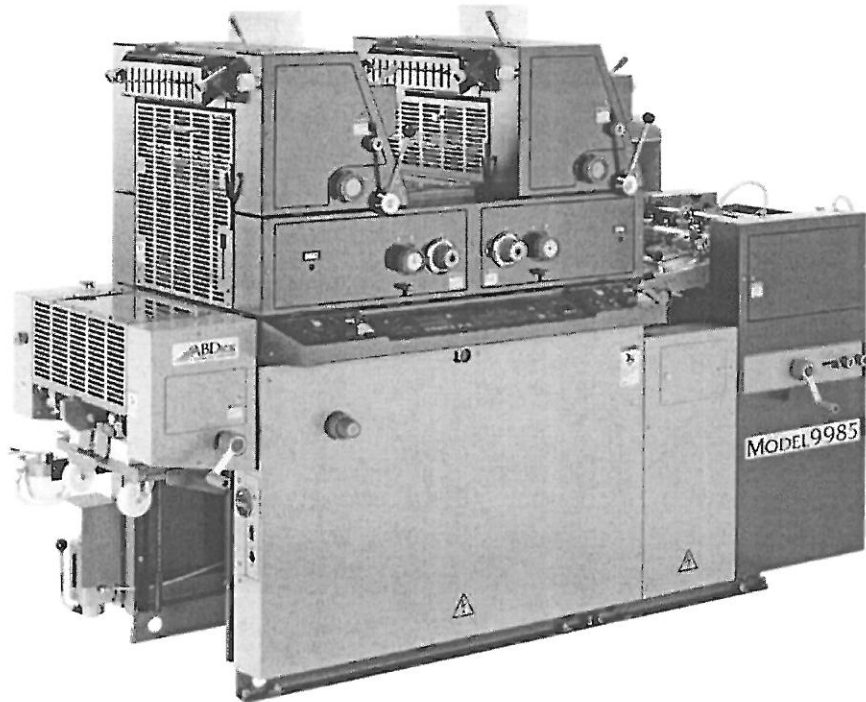
Suitable for spot, multi and process color printing, the ABDICK 9985 is a true two-color offset press equipped with an array of features that simplify operation and consistently deliver high quality output. Excellent reproduction can be achieved with a minimum of operator skills.

A built-in micro-computer provides centralized push-button control of many press functions. A single lever controls dampening, inking, image transfer and paper feed. At the end of a specified run length, all machine functions are automatically returned to the start position to maximize productivity.

Fine adjustments can make a noticeable difference in print quality. The 9985 allows precise adjustment of the vertical image. Blanket cleaning is not required after vertical adjustment reducing make-ready time. Lateral image adjustments can be made on the fly—another time-saving feature.

The printing heads feature a unique V-shaped, five-cylinder design that incorporates two plate cylinders and two blanket cylinders. Separate blanket cylinders ensure there's no ink migration for consistent color throughout the run.

A double surface impression cylinder allows two colors to be printed without a gripper change to ensure tight registration. A separate transfer cylinder promotes accurate paper registration.

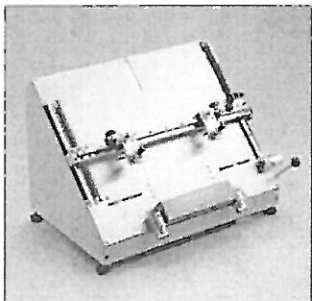


The alternate side-to-side push guide allows paper to be registered to a common edge when printing on both sides of the sheet—perfect for work-and-turn jobs.

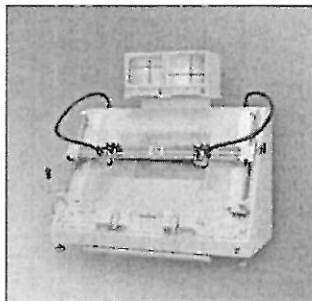
Twelve suction feet combined with air blowers on the paper pile ensure accurate feeding at low to high speeds with stock ranging from onionskin to coverweight.

Double sheet detection/elimination automatically diverts doubles to a receiving tray without interrupting the press run.

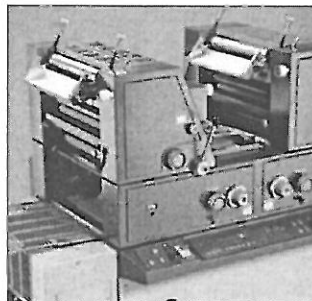
The 9985 accepts sheets up to 13-3/8" x 17-3/4" (340 x 451 mm) with an image area of 13" x 17-1/4" (330 x 438 mm). Print full-bleed 11" x 17" (279 x 432 mm) jobs with plenty of room for registration marks.



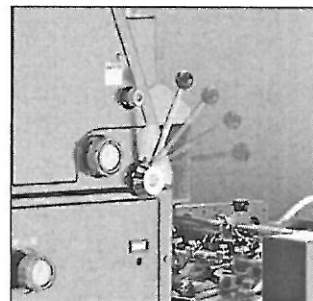
The 9985 comes with a hand-operated punch. Upgrade to the high-precision optical punch (shown) for highly accurate results. This unit lets the operator line up the image optically to the targets on a plate.



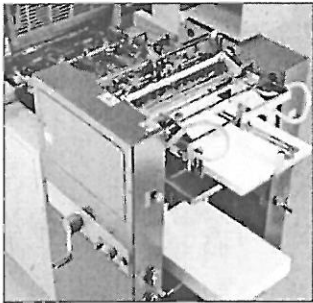
Consider the video plate punch for further efficiency and precision. The plate image is magnified 40x and displayed on video monitors making it easy to perfectly align register targets in a fraction of the time.



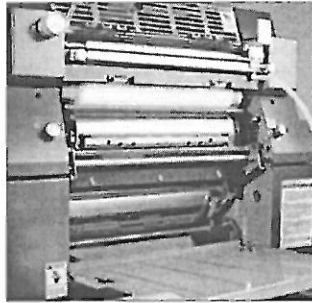
The 9985 press features two easily accessible individual printing heads. Each one can be operated independently for producing single-color work or simultaneously for two-color applications.



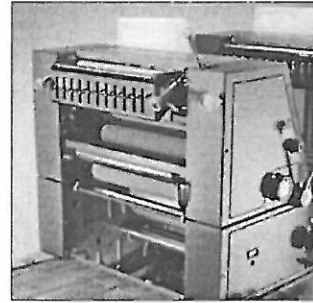
Dampening, inking, image transfer and paper feed are controlled by a single lever which automatically returns to the initial position and stops the press at the preset number of sheets.



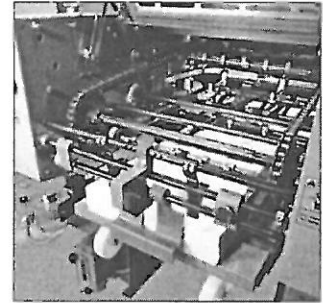
Pre-piling enhances productivity by allowing the operator to prebad paper on the lower table while the machine continues to run.



Straight-edge plate clamps with positioning pins are featured. Cylinder safety bars and covers protect fingers.



Segmented Lever-Actuated Ink Fountains add a great deal of automation for increased productivity and fewer wasted sheets.



For added convenience, the 9985's chain delivery has an automatically receding paper platform that can be wheeled-away.

INKING SYSTEM DELIVERS EXCELLENT RESULTS WITH LESS EFFORT

9985 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 in each zone.

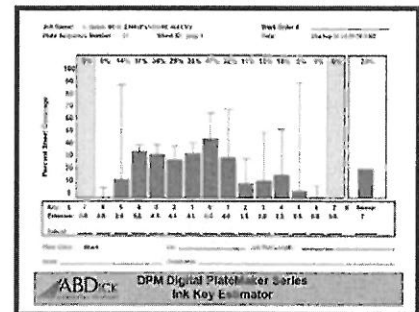
Calibrated setting numbers provide a good starting place for ink densities. Graduated levers make it possible to quickly profile the current ink supply; and by raising or lowering the levers, an operator can easily make adjustments to the flow of ink for better color control and image consistency.

This system interfaces seamlessly with the optional IKE software for ABDick DPM digital platesetters.

Ink Key Estimator (IKE) significantly reduces make-ready time by estimating ink fountain key settings for first-run print jobs—before a single sheet has been run through the press. It allows you to get the best coverage using the least amount of ink which promotes a high quality image with less set-off and faster drying times.

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

The data is delivered on a print-out (right), which the operator uses as a guide while manually setting ink keys on the segmented

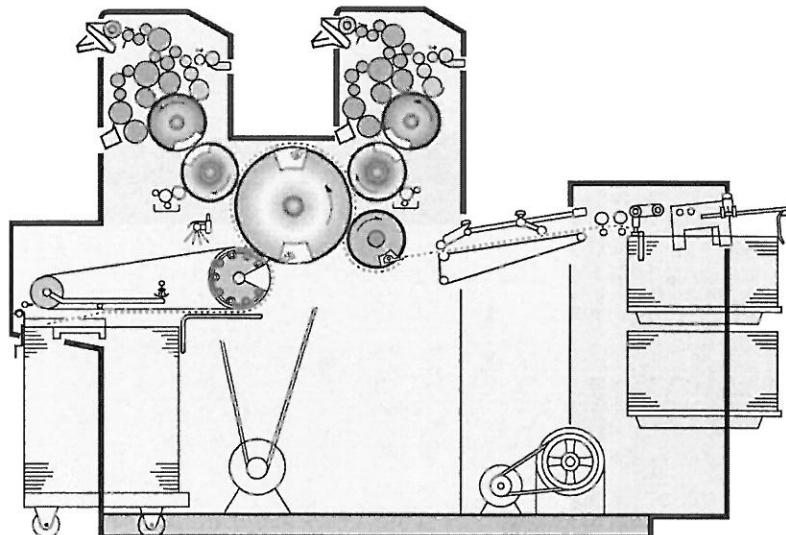


lever-actuated ink fountain. If adjustments are made during the run, the new values can be noted and saved with the job information for quick, consistent re-runs.

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.



Each printing head has 16 inking rollers including 3 form rollers of differing diameters. The 'stepless' inking and 5-roller motion dampening system allows maximum control of the printed image.



AB Dick 9985 Two-Tower Offset Press

AB DICK 9985 OFFSET PRESS SPECIFICATIONS

MAXIMUM PAPER SIZE	13-3/8" x 17-3/4" (340 x 451 mm)
MINIMUM PAPER SIZE	3-1/2" x 5" (89 x 127 mm)
MAXIMUM IMAGE AREA	13" x 17-1/4" (330 x 438 mm)
PAPER THICKNESS	.0016"-.012" (.04-3 mm)
PLATE SIZE	13-3/16" x 19-3/32" (335 x 495 mm)
PLATE CLAMP TYPE	Straight edge plate clamp with register pins
GRIPPER MARGIN	5/16" (8 mm)
PRINTING SPEED	3,000-10,000 Sheets per hour
PAPER FEED SYSTEM	Universal feeder (12 suction feet)
FEEDER PILE SYSTEM	Prepile, capacity 17.3" (440 mm)
PAPER DELIVERY SYSTEM	Chain delivery, capacity 20" (508 mm)
REGISTRATION SYSTEM	Push side guide
IMAGE ADJUSTMENT	Vertical (precision): ± 0.75" (± 19 mm) Lateral (on-the-fly): ± 0.08" (± 2 mm)
DAMPENING SYSTEM	Molletron, segregated
ROLLERS	16 Ink rollers (3 form) (each tower) 5 Dampening rollers (1 form) (each tower)
DIMENSIONS (LxWxH)	86-3/4" x 38" x 61-1/2" (220 x 96.5 x 156 cm)
WEIGHT	2780 lbs. (1260 kg)
ELECTRICAL REQUIREMENTS	Single Phase, 220V, 12 Amp; 50/60 Hz

STANDARD FEATURES

- In precision cylinder pressure control
- Ink roller cleaning attachment
- Register punch with pre-register system (manual/hand punch)
- Automatic ink ductor control
- Ink volume stepless sweep adjustment
- Plate cylinder predetermined position stop
- Centralized microprocessor control
- Double sheet detector/eliminator
- Jam detection (feeder, blanket and delivery sections)
- Alternate side-to-side push guide for work-and-turn applications
- On-the-fly lateral image adjustment
- Precise vertical image adjustment
- Prepile capability with paper tables
- Chain delivery with 2 dollies
- Delivery pile automatic mooring stacker and lower limit switch
- Static eliminator on feeder
- Anti-offset powder spray unit
- Pre-set repeat counter with batch function (electronic, 5 digits)
- Machine counter (total number of rotations, 8 digits, non-resettable)
- Emergency stop buttons (at each printing unit and delivery sections)
- Safety covers
- Cylinder safety bars
- Centralized lubrication system
- Oil pans (2)
- Standard toolkit
- Work organizer
- Blanket wash plunger can

OPTIONAL ACCESSORIES

1-3891 Infrared powder spray 220V, 50/60Hz	43296 Register marking device
1-3887 Powder spray 110V	42006 Print counter (total number of printed sheets, 8 digits, non-resettable)
42004 High precision optical punch	P0500 Compact dampener with Kolomate (2 units)
43001 Video register punch	P0191 Crystalline dampener (2 units)
43277 Card guide	43293 Tape inserter
42005 Multi-size paper pile board	43362 SuperBlue cylinder
43297 Quick release blanket holders	43281 Oil pan
43294 Automatic blanket cleaner (2 units)	

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SUPPLIES

SUBTRACTIVE PLATES

52527 SuperBlue 5x11.3-3/16" x 19-3/32" (335 x 495 mm)	Box	50/Box
52528 SuperBlue 5x11.3-3/16" x 19-3/32" (335 x 495 mm)	Box	100/Box
81-8-0851 Taron Blue 5x11.3-3/16" x 19-3/32" (335 x 495 mm)	Box	60/Box

CHEMISTRY FOR SUBTRACTIVE PLATES

52584 Ink Subtractive Plate Developer For Original Plates	Gal	4Cs
52585 Ink Subtractive Plate Finisher	Gal	4Cs
52586 Ink 2-in-1 Developer	Gal	4Cs
52587 Ink 2-in-1 Developer For Coated Plates	Gal	4Cs
K11C2000 Taron Blue Developer/Finisher	5 Liter/Box	4Cs
41170 AB Dick Subtractive Plate Glue	Gal	4Cs
41970 Metal Plate Inking Remover Pen	Box	12Cs
41014 Professional Plate Cleaner	Quart	6Cs

POLYESTER PLATES, CHEMISTRY AND ACCESSORIES

For high quality, short run, multi-color work, try these polyester plates and chemistry from AB Dick. A Mega Plate M separator quickly flexes Next Generation. Contact your AB Dick representative or visit shop.abdick.com for the complete plate product line, chemistry, accessories and printing solutions.

52588 Mega Plate 13" x 17-3/8" x .003" (330 x 440 x 1 mm)	Box	50/Box
43493 Mega Plate 13" x 17-3/8" x .003" (330 x 440 x 1 mm)	Box	50/Box

PRESS BLANKETS

43577 Quick Release Blanket Holder (color 1 set, 2 tower)	Box	Each
43578 Conventional Quick Release Blanket Holder (1 set, 2 tower)	Box	Each
43579 Conventional Blanket (098) 13" x 19-3/8" (330 x 495 mm)	Case	2Cs
43579 Hard Blanket (095)	Case	2Cs
43580 M-Vac Feeder (095)	Box	2Cs
43581 Quick Release Feeder	Case	2Cs
41010 Blanket Fix Gel	Bottle	12Cs

FOUNTAIN CONCENTRATE / ADDITIVES

41185 PRO Formula Fountain Concentrate pH 4.3-4.5	Gal	4Cs
41186 Universal Fountain Concentrate pH 5.6-6.0	Gal	4Cs
38778 Mega Chrome Fountain Concentrate pH 4.0	Gal	1Cs
38794 SuperBlue Fountain Washing Solution For Mega Plates	Case	6Cs

ALCOHOL / REPLACEMENT

41171 Isopropyl Alcohol	Gal	1Cs
41172 Isopropyl Alcohol	Gal	4Cs
41173 SuperBlue Ink Replacement	Gal	4Cs
38795 SuperBlue Ink Replacement	Box	6Cs

ETCH

41005 Plate Etch	Gal	4Cs
38766 Mega Etch	Case	60/BoxCs

BLANKET / ROLLER WASH

41235 Automatic Blanket Wash	Gal	4Cs
41236 SuperBlue Blanket Wash	Gal	4Cs
41237 SuperBlue Blanket Wash (Pre-Flush)	5 Gal	Case
41238 SuperBlue Blanket Wash (Concentrated)	5 Gal	Case
41239 SuperBlue Blanket Wash	Gal	4Cs

ROLLER MAINTENANCE SUPPLIES

41237 Cleaner SuperBlue 13.5" x 19-3/8" (345 x 495 mm)	100/Box	5Cs
41238 SuperBlue Ink Water Roller Cleaner	Quart	4Cs
81-6-0135 Chrome Cylinder Cleaner	Box	12Cs
41239 Glass Roller Cleaner	Box	2Cs
41240 Ink Roller Developer	Box	12Cs
41241 Ink Roller Cleaner	Box	16Cs
41242 Ink Roller Paste Developer	17 oz/Box	6Cs
41243 Ink Roller Cleaner	7 oz/Box	6Cs

MISCELLANEOUS SUPPLIES

31328 Roller Lub	Quart	Each
41244 Cotton Padded 4" x 4" (101 x 101 mm)	100/Box	2Cs
41245 Heavy Duty Shop Towel Wipers	25Cs	Case
41246 Heavy Duty Shop Towel Rolls	25Cs	Case
41247 Vinyl Glove (Medium)	100/Box	10Cs
41248 Vinyl Glove (Large)	100/Box	10Cs
41249 Hand Cleaner	12 oz/Box	12Cs
41250 Hand Cleaner with Soap	14 Gal/Box	6Cs
41251 Quick Hand Cleaner	17 oz/Box	6Cs
41252 Kneeto-Go Hand Cleaner (250 ml)	Tube	24Cs
41253 Fast-to-Kick Wipes	130/Box	4Cs
41254 Hand-Kick Wipes (2.8" x 11.8" (74 x 300 mm))	70/Box	6Cs
41255 Scrubs in a Bucket (30.3 lbs/Box)	72/Box	6Cs
41256 Offset Spray Powder 25" Iron	5 lb.	Box
910024-A SuperBlue Bottle	Box	24Cs
910025 SuperBlue Bottle	Box	24Cs
910026 SuperBlue Bottle	Box	24Cs

Some products listed above are available in larger quantities. For a complete list of 9985 Offset Press and other supplies and precision products, visit us online at shop.presstek.com where you can browse the entire catalog and place orders 24/7.

AB DICK

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