ABDICK 9980. SIMPLE CONTROL, SOPHISTICATED FUNCTIONS, HIGH PRODUCTIVITY

The ABDick 9980 Press is designed to provide high quality, multi-color prints, and if desired, numbering, imprinting and perforating—all in a single operation.

The 9980's continuous dampening and high-capacity inking system gives it the ability to produce bright colors, excellent solids, sharp, open halftones and fine line art.

Standard features are designed to provide excellent registration for maximum productivity. From the time the sheet leaves the pre-loadable paper feed table, until it is delivered into the receding chain pile delivery system, it's under total control. An interchangeable left-to-right push side guide makes it well suited for work-and-turn applications.

The segmented lever-actuated ink fountain delivers more precise ink control in each region. Calibrated setting numbers provide a good starting place for ink densities. Graduated levers allow quick profiling of the current ink supply; and by raising or lowering the levers, fine adjustments to the flow of ink can be easily made for better color control and image consistency.

While printing, vertical image adjustment is done with the turn of a dial—and it's not necessary to clean the blanket afterwards. Also, diagonal micro adjustments to the sheet can be made while the press runs.

A straight-edge plate clamp with positioning pins fixes the plate securely in place, for the long run. Double-sprung grippers maintain constant pressure to hold the paper firmly during high speed operation.

The one-touch universal feeder provides dependable paper feed. Double-sheets are automatically detected and ejected without interrupting the printing process.

Designed for easy operation, a single lever controls dampening, inking, paper feeding and printing. Push-buttons activate low speed inching and stop the plate cylinder at predetermined positions to allow fast plate mounting/removal and blanket cleaning.

ABDICK 9980 PRESS STANDARD FEATURES

- Segmented lever-actuated ink fountain
- Microprocessor control
- Impression cylinder pressure control
- Automatic ink ductor control
- Ink roller cleaning attachment
- Plate cylinder predetermined position automatic stop
- Register punch (manual)
- Double sheet detector/eliminator (mechanical)
- Paper jam detector (feeder, blanket and delivery sections)
- Preset repeat counter w/ batch function (electronic, 5 digit)

- Pre-pile unit
- Lateral & vertical image adjustment
- Sheet skew
- Extended push guide
- Hard chrome-finished cylinders
- Stainless steel dampening rollers
- Extra feeder and delivery tables
- Cylinder safety bars and cylinder gap safety covers
- Emergency stop button
- Delivery pile automatic lowering mechanism
- Delivery table lower limit switch
- Centralized oiling and oil pan
- Blanket wash plunger can

OPTIONAL UNITS EXTEND VERSATILITY, ADD VALUE

 Achieve excellent two-color results with a second-color head. Swing-away or slide-out is not necessary so plate mounting, feeder settings and blanket cleaning is easy.

Automated features make operation simple. Tight register is achieved with the same plate clamp and image adjustment capabilities as the parent press.

 Print, number, imprint and perforate all in a single pass with the NPD unit. Built-in connections to the parent press make it simple to attach.

When the press is equipped with both a second color head and a NPD unit, you have the option of printing two colors on the parent press and a third spot color on the NPD unit.

INK KEY ESTIMATOR (IKE) SPEEDS MAKEREADY

IKE is for use with ABDick DPM platesetters using the Momentum RIP. This optional software improves accuracy and reduces waste by taking the guesswork out of setting up ink fountains.

IKE analyzes a job's digital data to determine how much ink is required in each ink key region to best produce the image. The resulting information can be printed out for easy reference.

BUY SUPPLIES ONLINE 24/7

Visit us at **shop.presstek.com** to purchase supplies for the 9980 as well as additional supplies, parts and small equipment products.

ABDICK 9980 PRESS SPECIFICATIONS

MAXIMUM SHEET SIZE	13.39" x 17.72" (340 x 450 mm)
MINIMUM SHEET SIZE	3.54" x 5.51" (90 x 140 mm)
MAXIMUM IMAGE AREA	13" x 17.24" (330 x 438 mm)
PAPER THICKNESS	.0016"–.012" (.04–.3 mm)
GRIPPER MARGIN	5/16" (8 mm)
PLATE CLAMP TYPE	Straight edge plate clamp with register pins
PLATE SIZE	13.19" x 19.09" (335 x 485 mm)
PLATE WIDTH	Maximum: 13.85" (352 mm)
PRINTING SPEED	3,000–10,000 Sheets per hour
PAPER FEED SYSTEM	Universal, 12 suction feet
FEEDER PILE SYSTEM	Pre-pile, capacity: 17.32" (440 mm)
PAPER DELIVERY SYSTEM	Chain delivery, capacity: 21.26" (540 mm)
REGISTER SYSTEM	Push side guide; diagonal micro adjustment of paper feed drum
INK ROLLERS	16 Ink rollers (3 forms)
DAMPENING SYSTEM	Continuous dampener, 5 rollers
IMAGE ADJUSTMENT	Lateral: ± 0.079" (± 2 mm) (on-the-fly) Vertical: ± 0.79" (± 20 mm)
POWER REQUIREMENTS	Single Phase, 208V, 20 Amp 50/60 Hz
DIMENSIONS (LXWXH)	86.2" x 36.2" x 57.5" (219 x 92 x 146 cm)
NET WEIGHT	1,719 lbs. (780 kg)

SECOND COLOR HEAD (OPTION)

DAMPENING SYSTEM	Continuous dampener
MAXIMUM IMAGE AREA	13" x 17.24" (330 x 438 mm)
PLATE SIZE	13.19" x 19.09" (335 x 485 mm)
PLATE WIDTH	Maximum: 13.86" (352 mm)
ROLLERS	Ink: 10 (2 forms); Dampener: 4 (1 form)
VERTICAL ADJUSTMENT	± 3.94" (± 100 mm) Can be rotated 360°
IMAGE ADJUSTMENT	Lateral: ± 0.079" (± 2 mm) (on-the-fly) Vertical: ± 0.039" (± 1 mm)

NPD UNIT (OPTION)

PAPER THICKNESS	Numbering: .0020"–.0118" (.05–.3 mm) Perforating: .0020"–.0059" (.05–.15 mm)
GRIPPER MARGIN	5/16" (8 mm)
NP PROCESSING AREA	12 x 16.81" (305 x 427 mm)
PRINTING SPEED	When using NP Unit: 3,000–8,000 IPH
ROLLERS	6 (1 form)
NUMBERING BOXES	Max. 12 (4 rings x 3 boxes)
VERTICAL PERFORATIONS	Max. 5 locations; Length: 16.81" (427 mm)
NYLON PLATE SIZE	Max. 2.95" x 4.92" (75 x 125 mm) Thickness (total): 0.0413" (1.05 mm)
REPEAT NUMBERING	2–9 Sheets can be identically numbered
DELIVERY SYSTEM	Chute delivery, capacity: 3.94" (100 mm)
VERTICAL ADJUSTMENT	± 3.94" (± 100 mm) Can be rotated 360°

OPTIONAL ACCESSORIES

- Second color head
- Numbering, perforating and imprinting unit (NPD)
- High precision optical punch
- Video plate punch
- Static eliminator
- Powder spray device
- I/R powder spray combination
- Tape inserter

- Multi-size paper pile board
- Register marking device
- Copper-plated metering roller
- Print counter (total number of sheets, 8-digit, non-resettable)
- IKE (Ink Key Estimator) for use with ABDick DPM platemaking systems
- Card guide
- Work organizer

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