



Official Product Guide Hurst Graphics and SmartPlate®

Please call 800-723-2004 for customer support or visit
www.hurstchemical.com or www.smartplate.com.



SmartPlate® is the ideal plate-making solution for any small press operation. If your jobs are run on a small offset press, narrow format web press, an envelope press, or a flatbed stone press, SmartPlate® will save you money; save you time and increase the quality level of your printed page over an outdated analog system. Going "digital" has never been easier to implement or more affordable to purchase since the introduction of SmartPlate®.

SmartPlate® is for you if your print jobs are made up of the following:

- Direct mail
- Newsletters
- 1-2-3 Spot color jobs
- Schools
- Short run or long run Stationary
- Envelopes
- Letterheads
- Business Cards
- Brochures
- Social printing
- Sports Programs
- Checks
- Invitations
- Flyers/Price Lists
- Announcements
- Calendars
- Greeting Cards
- Flyers/Price Lists
- Thermography
- Quick printing
- Certificates
- Menus
- User Guides
- Vocational printing
- Scanned Images
- Commercial printing Political Campaigns
- Halftones from multiple sources
- Training Manuals/ Instructions

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SmartPlate® eliminates the analog portion of your digital shop. Cameras, stripping, masking, film, processors, negatives, chemicals and service bureaus will all be part of your past with SmartPlate®. The race to press becomes even shorter with SmartPlate® as you bypass obsolete equipment to print a higher quality piece.

Get the original. Get the best. Get SmartPlate®.

SmartPlate® is available in the following sizes:

CLP1601	10" x 15"	CLP1670	11.75" x 19.875"
CLP1606	9" x 12"	CLP1673	12" x 18"
CLP1610	8.625" x 15"	CLP1674	12.125" x 18.5"
CLP1612	9" x 15"	CLP1676	12" x 19.375"
CLP1640	10" x 15"	CLP1688	12.375" x 19.375"
CLP1643	10" x 15.5"	CLP1679	12" x 19.875"
CLP1652	11" x 18"	CLP16900	12.375" x 19.875"
CLP1655	11" x 18.5"	CLP1682	13" x 19.375"
CLP1658	11.25" x 18.5"	CLP1684	13" x 19.875"
CLP1661	11.75" x 18"	CLP1687	18" x 24"
CLP1664	11.75" x 18.5"	CLP1689	24" x 36"
CLP1667	11.75" x 19.375"		

SmartPlate® Pak

Visit our website (www.smartplate.com) for the up-to-date configurations for the SmartPlate® Pak, a complete Computer-to-Plate system that contains everything you need to get out of the box to SmartPlate® easily and affordably, SmartPlate® Paks are configured in Budget Paks, Complete Systems, PC and MAC set-ups. Competitively priced and shipped direct to you.



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SmartPlate® Fountain Solution 390

A one-step Fountain Solution specially formulated for use with all laser type plates. Alcohol Free. Super concentrated, 1:30 dilution. (1/2 gal, G)

SmartPlate® Etch 392

A pre-wetting "etch" for use on SmartPlate®. Special wetting agents prepare the plate for rollup and printing with SmartPlate® Fountain Solution 390. (P)

SmartPlate® Plate Prep 394

A prep for SmartPlate® that removes scattered toner particles, permitting the printing of a clean, sharp image. Contains special wetting agents that make the background hydrophilic. (P)



SmartPlate® CleanPrint Fountain Additive 396

SmartPlate® CleanPrint is a 1001 proof quick fix that eliminates toning, picture framing around the paper and keeps halftones from plugging. SmartPlate® Clean Print contains ingredients that "make the water wetter," therefore reducing ink emulsification. By using SmartPlate® Clean Print in your fountain you can use minimum water settings for all your press runs. (Q)

SmartPlate® Deletion Pen 1175 deletes images from all toner imaged printing plates.

67002 Platestrips™ attach to SmartPlate® to prevent plate stretch, allowing perfect trapping.

HP 29X Toner Cartridges for HP LaserJet 5000/5100 from Hewlett Packard. CLA282220 (282220)

Announcing the new

SmartPlate®

**Are you struggling with the digital dilemma?
Get the best of both worlds!**

Big creative printing opportunities are now available with the new **SmartPlate®** Digital Color Printing System by Okidata. It out performs all competitive systems at a much lower cost - expanding your business potential and maximizing your profitability.

The production secret of the new **Smart Plate®** is its **dual purpose digital output -100%** in your pressroom making **SmartPlate®** and **100% Digital Color Press** printing exceptional color when accuracy counts.



- Brand New Okidata C911
- Dual purpose technology produces press ready SmartPlate® as well as on-demand digital color, including envelopes!
- Value priced to ease the transition into the latest technology!
- One year onsite factory warranty and 24/7 tech support from Okidata.
- New plate coating runs cleaner than Original SmartPlate® and **COSTS LESS!**

Okidata Consumables:

- COA1232B Black Toner Cartridge for C9600 (42918904)
- COA1232C Cyan Toner Cartridge for C9600 (42918903)
- COA1232M Magenta Toner Cartridge for C9600 (42918902)
- COA1232Y Yellow Toner Cartridge for C9600 (42918901)
- COA1233B Black Image Drum for C9600 (42918104)
- COA1233C Cyan Image Drum for C9600 (42918103)
- COA1233M Magenta Image Drum for C9600 (42918102)
- COA1233Y Yellow Image Drum for C9600 (42918101)
- CLS8405 Okidata 2 year onsite warranty extension (58272501)
- CLS8406 Okidata 3 year onsite warranty extension (58272502)
- COA1234 120V Fuser Unit (42931701)
- COA1237 Transfer Belt (42931602)
- COA1238 Waste Toner Box for C9600 (42869401)

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SmartPlate® Xtreme for the Xante™ Platemaker

The better choice for making digitally imaged plates on Xante™ Platemakers SmartPlate™ Xtreme is the premium product that prints finer line screens than you can achieve using the Myriad™ plate by Xante™.



SmartPlate® Xtreme is available in the following sizes:

CLP1801	10" x 15"	CLP1870	11.75" x 19.875"
CLP1806	9" x 12"	CLP1873	12" x 18"
CLP1810	8.625" x 15"	CLP1874	12.125" x 18.5"
CLP1812	9" x 15"	CLP1876	12" x 19.375"
CLP1840	10" x 15"	CLP1888	12.375" x 19.375"
CLP1843	10" x 15.5"	CLP1879	12" x 19.875"
CLP1852	11" x 18"	CLP18900	12.375" x 19.875"
CLP1855	11" x 18.5"	CLP1882	13" x 19.375"
CLP1858	11.25" x 18.5"	CLP1884	13" x 19.875"
CLP1861	11.75" x 18"	CLP1887	18" x 24"
CLP1864	11.75" x 18.5"	CLP1889	24" x 36"
CLP1867	11.75" x 19.375"		



All inclusive computer to plate solution for the small and large offset press.

“PRINT EVERYTHING YOU CAN -

YOU CAN PRINT EVERYTHING”

Traditional Tool- Big Asset

Authentic Printing Press -Handsome!



Companion Tool – Flexible Asset

24" Digital Platemaker - Chic!



Makes computer to plate solutions easy to buy and easy to use for commercial print shops and in-plant facilities. The total investment, daily production, and monthly maintenance costs of digital platemaking are dramatically reduced. It's a perfect complement to your digital workflow.

SmartPlate® Technical Support

Hurst can handle all your Computer to Plate questions as quick as a single phone call, or a click away via the web. Hurst's Technical Support Department is expert in all facets at SmartPlate®, including but not limited to:

- How they interface between the most popular graphics programs (Quark, InDesign, PageMaker and Corel) and the HP LaserJet 5000/5100/5200 Series laser printer
- Your Windows or Mac Operating Systems and their interface to the digital printer and SmartPlate®
- How SmartPlate® can best be implemented in your pressroom, on your press, with your press operator, and with the correct press chemistry

SmartPlate® Technical Support can be reached:

Toll Free at 1-800-723-2004 or via email at info@hurstchemical.com.

Visit our web page for more information: www.smartplate.com

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14 Blanket Saver

Quickly corrects low spots and smashes in press blankets. Action is entirely chemical. Reduces down time and extends blanket life. Hurst Blanket Saver is a necessity in every pressroom. (4 oz.)

15 Marathon Blanket Conditioner

Extends life of all blankets. Deep cleans, rejuvenates rubber and restores blanket surface to velvet-like finish. Conditions new blankets and makes old blankets last longer. A must in every pressroom. (Q,G,5)

18 Dampener Cover Cleaner

Economical, ideal roller cover cleaner, may be applied by hand or used in automatic washing machines. Also excellent as an all purpose shop cleaner. (G)

20 Pumice Powder Grade FFF

Grade FFF. Very useful for smoothing and polishing both plates and rollers. When mixed with solvent it is especially useful for removal of dried ink and oxidation from steel and rubber rollers. (1,5)

44 Print Kleen

Liquid anti-offset compound. Mixes with ink to create a faster set on the sheet to prevent ink offset. Ideal for coated stocks. Recommended reducer for all varnishes. Wax free. (Q,G)

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90 Film Cleaner Spray

Removes fingerprints, grease pencil, lint, ink, and smudges. Leaves no residue and dries quickly. (C)

92 Dust Away

High pressure canned air removes dust, lint, and other particulates. Leaves no residue. (C)

95 Glass Cleaner Spray

Spray on, wipe clean. Non-streaking formula resists fingerprints. Can be used on most glass and plastic surfaces. (C)

96 Silicone Spray

Odorless, colorless, non-staining formula that prevents sticking and binding. Retards corrosion of metals. Ideal for paper handling surfaces in the bindery and the pressroom. Dries fast with no greasy or oily residue. (C)

97 Low VOC Anti-Static Spray

A water-based low V.O.C. formula that neutralizes electricity generated by friction. For use on all metal rollers, feed boards, press and bindery equipment, and any application where the prevention of static electricity is desired. This foaming wet antistat is not recommended to be used in contact with paper applications. (C)

98 Dry Anti-Static Spray

For use on metal rollers and feed boards, press and bindery equipment and any application where the prevention of static electricity is desirable. (C)



102 Classic Wash

Possessing both high solvency and high water-miscibility, Classic Wash 102 is a blend of solvents and cleaners using the Industry Standard formula. For all press sizes. Cleans and rejuvenates blankets and rubber, synthetic, or composition rollers. A superior and economical water miscible wash. (5)

103 Premium Water Miscible

The best water miscible wash for all presses. The special blend of solvents and cleaners maintains rollers and blankets. Premium 103 penetrates gum glaze and deep cleans leaving a smooth, ink-receptive surface. The 1:3 water dilution ratio makes this wash extremely economical and helps to reduce V.O.C. emissions in the pressroom. (G,5,D)

104 Quick Wash

The recognized leader in small press blanket and roller washes. Formulated to be quick drying, and provide maximum cleaning power without damage to rollers or blankets. The Quick Wash 104 formula is the most popular small press and duplicator wash in use today. (G,5,D)



106 Flash Right

The new, improved version of our most famous wash has improved scent superior cutting power and is fast drying. Leaves no oily residue on blankets and rollers. Not red labeled. (G,2.5,)

113 Glaze Remover

Removes dried inks, glazes, or grease without leaving a residue. Dries instantly without damage to rollers or blankets. (Q,G,5,D)

116 Formula 116

The best rubber rejuvenator on the market! Action is completely chemical. Removes the most stubborn glaze. It eliminates steel wool or pumice scrubbing and overnight soaking. (G,5,D)



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119 Hurstolite

Our strongest formula for removing dried inks, glazes or grease without leaving a residue. Dries instantly without damage to rollers or blankets. (G,5,D)

131 Valu-Solv, wm

The value priced version of our renowned Hurst Premim Water Miscible 103 Blanket and Roller Wash. The least expensive water miscible wash for all presses. Mixes with 25% water to make this wash even more economical and to lower VOC emissions for the frugal and environmentally concerned printer. (5)

135 Valu-Solv, xf

The value priced version of our classic Quick Wash 704. This popular wash is a fast drying, low odor workhorse in the pressroom. For today's economy minded printer (5)

145 Valu\$Line™ Wash 145

Valu\$Line™ Wash 145 is the economical, low vapor pressure version of Valu-Solv 135. This regulatory compliant wash has the Same extra fast drying, low odor and high solvency characteristics of the original, and meets regional air quality rules for vapor pressure. (5)

181 True Blue Etch

A general purpose etch recommended for use on A.B. Dick 6-4000 Series direct image plates, metal plates, electrostatic masters, chrome rollers and rubber fountain rollers. Excellent pre-run treatment to insure quick roll-ups and clean backgrounds. (Q,G)



182 Back Cylinder Cleaner

Formulated to clean dried ink and glazes while desensitizing back and transfer cylinders on all size presses. May also be used to remove adhesive residue from blanket cylinders. (Q)

184 Metering Roller Cleaner

Metering Roller Cleaner is a fast drying non-chlorinated solvent blend formulated to clean metering rollers in continuous dampening systems. This deep cleaning wash is excellent for the dampening chrome and rubber rollers. Cleans quickly leaving no residue. (G)

210 Numbering Machine Cleaner

Cleans and lubricates without dismantling. Leaves a thin oil coating to guard against wear and rust. Contains no water or corrosive chemicals. (G,5)

230 Ink Conditioner

A wax-free multipurpose additive ideal for all inks instantly reduces tack, promotes drying without hindering trapping and helps to eliminate "hickies". Maintains color quality and produces smoother solids. (P,Q,G)

280 Aquacheck

A heavy bodied water resistant binding varnish. Helps to correct ink emulsification and prevents ink from backing away from fountain. May be combined with driers to prevent scuffing and chalking. Useful in multicolor work and thermography. (Q)

306 Universal Fountain Concentrate

Ideal small press fountain concentrate for all plates. The buffered formula gives a constant pH factor over a wide range of dilutions (up to 30:1). Universal 306 works equally well for all black and silver master plate systems. (G,5,D)



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312 Electrostatic Etch & Fountain Concentrate

Extra concentrated solution allows for dilutions up to 15:1. Formulated to eliminate crystallization in converters and in press fountains. The superior wetting agent assures crisp, sharp printing and resists emulsification in the ink train. (G,5)

320 Tray Cleaner

Excellent one-step cleaner for all photo developing trays, etc. Instantly dissolves all stains and all chemical residues. (G)

328 Metal Plate Cleaner & Desensitizer

A metal plate cleaner, desensitizer and chemical scratch remover that is acceptable for all metal plates. Eliminates oxidation, scratches and restores plates to run-ready condition. Its unique chemical desensitizing formula cleans up backgrounds and halftones without harm to images. (Q,G)

331 Release Away

For quick and easy release of thin and difficult paper stocks. Ideal for carbonless and enamels. Release 330 is a special lacquer coating that hardens blankets, and Release Away 331 restores the blanket to its original condition. (Q)

333 "Ultra" Cling

Specially formulated for use on ALL carbonless CB, CFB and CFtypes papers. Upgraded to reflect recent changes in paper coating. This adhesive is easily applied by brush or spray. Assures positive separation between sets with minimum drying time. An economical choice that is recommended for most major carbonless paper brands including NCR®, Imation® and Mead®. (Q,G)

337 Padding Compound

Will not chip or crack. Applies easily with a brush and cleans up with water. Spreads even and dries faster than other padding compounds. One coat application makes padding faster and more profitable. Available in white. (Q,G)



342 Anti-Offset Spray Powder

FDA approved for food packaging. Low adhesion between particles assures free flow in electronic units and air spray systems. (2,5K)

363 Finisher, Preserver; Cleaner

This proven formula is the ideal finisher for plates after processing and prior to going to press. It may also be used to clean plates on the press and is an excellent preserver for long term storage. (Q)

501 Vacuum Pump Lubricant SAE 10

SAE 10, specifically blended for vacuum pumps and compressors. Non-foaming formula helps prevent gum and sludge from forming. Greatly extends vacuum pump life span. (G)

502 Press Lubricant SAE 20

503 Press Lubricant SAE 30

SAE 20 and 30, dripless formula, machinist grade. Clings to all bearing surfaces, shafts and other moving parts, Assures better lubrication, less oil consumption and greatly reduces misting. (G)

Accessories

1192 Plastic Pail Pump/Metal Pail Pump

For 5 gallon pails. Plastic 1192T. Metal 1192R.

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E Series – Low Odor and Low VOC



451 E Series Blanket and Roller Wash

An all-purpose, quick drying, one step wash for everyday use. Blanket and Roller Wash 451 contains no chlorinated hydrocarbons, toluene, xylene or glycol ethers. The low odor formula is non red-labeled, non-photochemically reactive and leaves no residue. Suitable for use on all size presses whether hand washing, using cleaner sheets or washup attachments. May be used as a systems wash. (G,5,D)

457 E Series Fountain Solution

A combination type fountain concentrate that is free of alcohol and chromates. For use on both conventional and continuous dampening systems. Engineered to run with Alcohol Replacement 458, but may also be run with alcohol in conventional systems. Natural gum arabic formula with anti-mold and anti-fungal inhibitors. (G,5)

458 E Series Alcohol Replacement

An Isopropanol substitute for use in all dampening systems. Extremely economical. Eliminates fumes and toxicity associated with alcohol. Engineered to run with E Series Large Press Fountain Solution 457, but may be used as a general purpose alcohol replacement with most fountain solution concentrates. Will not affect pH or cause foaming, (G,5)



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