

ILUMINA GS Series

HIGH PRODUCTION DIGITAL COLOR PRINT SYSTEM



ILUMINA HD
DIGITAL COLOR PRESS SERIES

- Two high production models available
- Includes high volume feeder and delivery conveyor
- Prints on a wide variety of media in a wide variety of sizes
- High definition color technology
- Free iQueue Smart Color Workflow
- Variable data at full speed

iQueue



*ILUMINA Digital
Production Press GS*

*ILUMINA Digital
Envelope Press GS*

ILUMINA GS Series FEATURES / SPECIFICATIONS

ILUMINA GS Print Systems are complete high-production digital color solutions that allow you to meet the demand for fast full color printing. They feature high definition color technology, the iQueue Color Smart workflow and high volume feeders / delivery conveyors. The ILUMINA Digital Envelope Press GS delivers fast full color envelopes, sheets and cards. The ILUMINA Digital Production Press GS provides full color printing on a wide variety of media and sheet sizes.

PERFORMANCE

Print Method: Electrophotographic, single pass

Print Speed:**

Universal Tray: Up to 36 ppm Color, 40 ppm Mono

High Capacity Feeder: ILUMINA Digital Envelope Press GS: Up to 60 full color #10 envelopes per minute, ILUMINA Digital Production Press GS: Up to 40 full color #10 envelopes per minute

First Page Output Time: 10.5 seconds Color, 9 seconds Mono (from idle, ready state, plain paper)

Resolution: 1200 x 600 dpi

Processor Type: 1 GHz TM5800-1000

Reliability / Duty Cycle: 450,000 #10 envelopes per month, 150,000 pages per month max. (industry standard letter / A4 at 5% coverage)

COLOR MANAGEMENT CONTROLS

iQueue Color Smart Workflow: Provides automated print color controls and project management functionality for increased production and print quality. Drives one or multiple networked ILUMINA Digital Color Presses and provides real time printer maintenance and consumables status.

COMPATIBILITY

Emulations: PCL® 5c, PCL 6, Adobe PostScript 3™; Direct PDF Printing (Windows environment only)
Operating Systems: Windows® XP Professional, XP Home, 2003 Server; Windows 2000 Server (ServicePack4) with Citrix MetaFrame XP® Presentation Server Feature Release 3, Windows Server 2003 Standard Edition with Citrix Meta-Frame XP Presentation Server Feature Release 3; Mac® OS 9.2, Mac OS 10.2.4 and higher.

Network and Protocols: *Standard* - 10/100-TX Ethernet, High-speed USB v2.0, Parallel. Ethernet

Protocols: TCP/IP, Netware and Ethernalk. TCP/IP Netware includes 3.x, 4.x, 5.x, and 6.x with full NDS and NDPS support. EtherTalk: ELAP, AARP, DDP, AEP, NBP, ZIP, RTMP, ATP, PAP.

MEMORY

Standard Max RAM: 1,024 MB (1 GB)

Flash Memory: 4 MB (Standard)

Hard Disk Drive: 40 GB (Optional)



PAPER HANDLING

ILUMINA DIGITAL ENVELOPE PRESS GS

High Capacity Feeder: Holds up to 4000 sheets of 20 lb bond or 600 business envelopes

- Min: 3.875" W x 5.125" L (98.425 mm x 130.175 mm)

- Max: 12.9" W x 47.29" L (327.66 mm x 1199.896 mm)

- Paper Weights: 75-309 gsm; 50 lb. text up to 14 pt cover

Universal Tray: 530 sheets 20 lb bond

- Min: 8.5" W x 4.13" L (215.9 mm x 104.902 mm)

- Max: 12" W x 18" L (304.8 mm x 457.2 mm)

- Univ. Tray: 75-216 gsm; 50 lb. text to 80 lb. cover

Duplexer: 75-120 gsm; 50 lb. text up to 80lb. text (Optional)

Print Media: Envelopes (#4 Bar, #10 standard, window and large envelopes), text weights, cover stocks (up to 14 pt), coated, uncoated, textured, sheet labels and transparencies.

Delivery: Variable speed conveyer

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- Paper Weights: 75-502 gsm; 50 lb. text up to 26 pt

Universal Tray: 530 sheets 20 lb bond

- Min: 8.5" W x 4.13" L (215.9 mm x 104.902 mm)

- Max: 12" W x 18" L (304.8 mm x 457.2 mm)

- Univ. Tray: 75-216 gsm; 50 lb. text to 80 lb. cover

Duplexer: 75-120 gsm; 50 lb. text up to 80lb. text (Optional)

Print Media: Text weights to heavy cover stocks (up to 26 pt), coated, uncoated, textured, envelopes, sheet labels, metallics and transparencies

Delivery: Variable speed conveyer

TYPEFACES

Printer Fonts: 136 Adobe PostScript Type 1 typefaces, 86 scalable PCL fonts, 1 bitmap font, 10 TrueType® fonts, OCR A/B, USPS Barcode

PHYSICAL

Type: Digital production press with internal Adobe® PostScript® controller

Dimensions: (WxDxH): Including delivery conveyer 92" x 24.4" x 18.2" (233 cm x 62.0 cm x 46.2 cm)

Weight: 152 lb. (69.0 kg) without options

ELECTRICAL

Power Requirements: 120 (110 – 127) VAC; 60 Hz ± 2 Hz; 230 (220 – 240) VAC; 50 Hz, ±2 Hz

Power Consumption:

- Operating: 750W

- Standby: 200W

- Power Save Mode: 55W

ENVIRONMENTAL

Temperature Requirements:

- Operating: 50-90° F (10-32° C)

- Non-operating: 32-110° F (0-43° C)

- Best Print Quality: 63-80° F (17-26° C)

Humidity:

- Operating: 20-80% RH

- Non-operating: 10-90% RH

- Best Print Quality: 50-70% RH

Noise Levels:

- Operating: 53 dB

- Standby: 40 dB

- Power Save Mode: 40 dB

GT SERIES MODEL FEATURES

ILUMINA DIGITAL ENVELOPE PRESS GS

- Free iQueue smart color workflow

- Up to 60 full color #10 envelopes per minute

- Large envelopes and sheets up to 13" x 47"

- Cards stock to 14 pt

- Variable data at full speed

ILUMINA DIGITAL PRODUCTION PRESS GS

- Free iQueue smart color workflow

- Prints on a wide of specialty stocks and media

- Sheets from 3.875" x 5.125" up to 13" x 47"

- Heavy cards stock up to 26 pt

- Variable data at full speed

CONSUMABLES

In-Box Cartridges: Printer ships with one each HD Cyan, HD Magenta, HD Yellow and HD Black toner cartridge; Cyan, Magenta, Yellow and Black image drum; waste toner box, fuser unit, and transfer belt.

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