

# 7085

## Production Printing System



### Advanced Production Printing

The Konica 7085 offers a new level of value and performance to the production print market. With a maximum monthly duty cycle of 750,000 impressions, the 7085 is a true production class product. Building on the legendary durability of the Konica 7075, the 7085 brings enhanced finishing capabilities and new scan server functionality, including scan-to-email. The 7085 features Konica's unique Simitri™ Polymerized Toner Technology. Simitri provides visibly superior image quality with better text and halftone output when compared with conventional toner technology. When equipped with the optional IP-602 print controller, the 7085 adds powerful network print functions. Konica also has a range of application software available through our authorized solution provider program to support requirements ranging from electronic forms to legacy datacenter print support. The Konica 7085...flexibility and power for today's production print environment.

### 7085 Highlights

- ▶ 85 ppm Printing / Copying
- ▶ 750,000 Maximum Monthly Duty Cycle
- ▶ Simitri™ Polymerized Toner with a Yield of up to 60,000 Impressions
- ▶ 128 MB Standard Memory (ERDH) / 512 MB MAX
- ▶ Standard 20 GB Engine Hard Drive
- ▶ "Push" and "Pull" Scanning Functionality including Direct Scan to Email
- ▶ IP-602 Print Controller with 866 MHz Processor
- ▶ 100-Sheet Stapling (FS-111)
- ▶ New Web Utilities offer "Real-time" Updates and Email Alerts

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### Features

#### ► Based on Successful 7075 Engine:

This advanced production printing system is based on the highly successful Konica 7075. A workhorse with universal metal drawers, easy touch screen, it uses Simitri™ Polymerized Toner, and reaches a higher toner yield of up to 60,000 impressions. In addition, the 7085 has an even higher maximum duty cycle than the 7075, increased to 750,000 impressions per month.

#### ► Real-time/Dual Scanning Technology:

The 7085 is equipped with a sheet-through scanning process. Originals scanned face up from the document feeder pass over the fixed scanner, reducing moving parts while improving performance and reliability. Originals scanned from the platen remain stationary while the scanner moves across the platen.

#### ► Electronic Recirculating Document Handler (ERDH):

With 128 MB of standard memory (ERDH), and a maximum of 512 MB, originals are received and stored as compressed digital data for scan-once-print-many and unlimited set production.

#### ► Production Finishing Capabilities:

The 7085 is the perfect tool for professional printed documents. Production features such as driver-based mixplex\* and tab functionality\* and advanced finishing capabilities including saddle-stitching, booklet making and 100-sheet stapling (FS-111 only) makes this production printing system the most advanced that Konica has ever offered.

#### ► Large Capacity Paper Trays:

With the Konica 7085 there are two LCT options, the LCT-402 and the LCT-412 capable of holding paper size up to 12" x 18". Each four thousand-sheet tray increases paper capacity from 2,150 sheets (including 150-sheet bypass) to 6,150 sheets.

#### ► IP-602 Print Controller:

Add connectivity and a wide range of new functionality to the 7085 with the new IP-602 print controller. The 866 MHz Processor with 64 MB standard memory (512MB MAX) enhances the 7085 production finishing right from the desktop, and new scan to Email, FTP and HDD functionality directly from the control panel.

### KONICA 7085 SPECIFICATIONS

Configuration	Console
Type	High-Speed Dual Beam Laser Imaging
Print / Copy Resolution	Selectable 400-600 dpi
Grayscale	2-256 Levels
Monthly Duty Cycle	750,000 pages-per-month
Engine Speed	85 pages-per-minute
First Copy Out Time	3.3 Seconds or Less
ERDH Memory - Standard / Maximum	128 MB / 512 MB
Reduction/Enlargement	25% - 400%
Total Paper Capacity (with optional LCT)	6,150 Sheets
Tray 1 Universal / Tray 2 Universal	500 Sheets / 500 Sheets
Tray 3 Universal	1,000 Sheets
Smart Bypass Tray	150 Sheets
Minimum Output Paper Size	5.5" x 8.5"
Maximum Output Paper Size	12" x 18"
Minimum / Maximum Paper Weight	200 g/m <sup>2</sup> = Approx. 53 lb bond, 110 lb index, 74 lb cover
Automatic Duplex	Standard / Stackless
Duplex Modes	Short Edge Bind, Long Edge Bind

### DOCUMENT FINISHER SPECIFICATIONS

	FS-111	FS-211
Total Finisher Capacity	3,200 Sheets	3,200 Sheets
Main Tray Capacity	3,000 Sheets	3,000 Sheets
Top Tray Capacity	200 Sheets	200 Sheets
Staple Capacity	100 Sheets-per-set	50 Sheets
Staple Positions-8 positions	Portrait, Landscape,	Portrait, Landscape,
Single Position-4 Corners; Double Position-4 Sides	Double	Double, Saddle Stitch
Folding	None	64-Page Signature Booklets

### IP-602 PRINT CONTROLLER

Processor	866 MHz
Memory Standard / Maximum	64 MB / 512 MB
Hard Drive Option	6 GB (Up to 2.0 GB Utilized for Storage)
Print Quality	400 / 600 dpi
Standard PDL / Optional PDL	PCL5e / PostScript®3™

### ACCESSORIES

Large Capacity Tray	LT-402 (4,000 Sheets), LT-412 12" x 18" (4,000 Sheets)
Post Insertion Tray	PI-108
Punch Unit	PU-108
Punch and Z-Fold Unit	PZ-108
Trimmer Unit	TU-108

### WEIGHT, DIMENSIONS AND YIELDS

System Weight	616 lbs.
Optional LCT Weight	66 lbs.
Main Body Dimensions	35" W x 30.5" D x 46" H
Document Feeder Dimensions	26" W x 22.5" D x 46" H
Drum Yield	up to 1,000,000 Impressions
Developer Yield	up to 1,000,000 Impressions
Toner Yield	up to 60,000 Impressions
Electrical Requirements	220V, 20A Dedicated Line

All specifications are approximate and subject to change.

\* Available 2nd QTR, 2002.



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