

Ricoh EMP 156
Production Printer
Dependable, high-volume printing.

RICOH

fast



reliable



effective



Ricoh EMP 156 Production Printer

Increased productivity driven by Ricoh reliability. For high-volume, around-the-clock, mission-critical printing, the RICOH® Enhanced Monochrome Publisher 156 is the reliable workhorse of choice for your data center or service bureau. Powerful, yet compact, this black-and-white laser system can meet your most rigorous printing requirements—different paper stocks and sizes; even variable data printing. And its high-powered print engine ensures you're always at optimal productivity.



QuickFlexibleProductive

Fast, Cost-Effective Quality.

The EMP 156, with its high output, means you get high-quality documents in less time. And with its exceptional reliability, you know your job will get done on time, every time.

- Keep up with the demands of a high-volume production environment with the fast, 156-pages-per-minute output—and easily produce up to 4.5 million images per month.
- Meet the most rigorous printing requirements with high-quality documents at 600 dpi on up to 14" x 18" paper sizes.
- Avoid the hassle, delays and expense of service calls with user-replaceable consumables that make maintenance fast and easy.

Optimum Flexibility.

Produce professionally finished documents quickly in a wide variety of sizes and paper stocks.

- Print onto heavy, coated or glossy stock in sizes ranging from 8" x 7" to 14" x 18" at full speed using advanced paper-handling technology. Vacuum fed trays ensure reliable paper feeding when using a variety of paper stocks.
- Review document quality at any time during long print runs manually or at pre-set intervals without print interruptions.
- Maximize input/output with up to six input bins for a total capacity of 15,500 sheets, and up to five output locations for a total capacity of 8,100 sheets.
- Maximize productivity by loading and unloading paper while printing.
- Simplify your workflow and enhance your documents with duplexing, edge-to-edge printing, subset stapling, and job offset stacking accuracy within ± 3 mm.
- Optimize the system for your needs by adding different combinations of high-capacity feeders and container stackers.

Easy-to-Use Utilities.

Control print jobs right from your workstation.

- Simplify print runs when you manage end-to-end document production—such as front and back cover stock insertion—with feature-rich Ricoh custom bi-directional print drivers.
- Easily monitor consumables, supplies and printer status in real time using any Internet browser and remotely download printer usage accounting logs.
- Quickly assess available paper types and sizes or check the printer status before starting a job using the feature-rich printer driver.
- Receive immediate notification of any user intervention that may be needed.

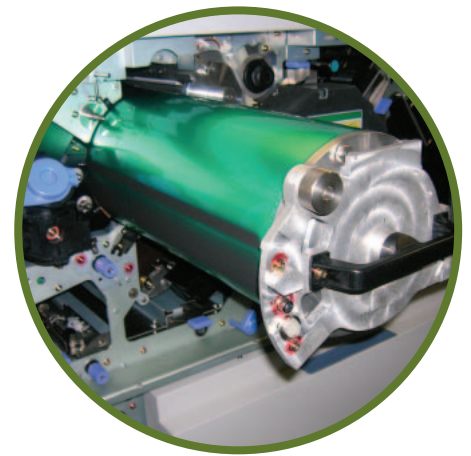
On Time and Done Right.

Now you can feel confident that mission-critical, variable-printed documents, such as invoices and billing statements, will get out the door on time.

- Configure your workflow to incorporate specific applications and environments with third-party software or finishers.
- Get multiple sets at engine speed with the Multiple Original Printing (MOP) function.
- Print from your network using TCP/IP and a wide range of standard printing protocols, including PCL5e, TIFF, native PDF, Adobe® PostScript® 3™ and our patented Virtual Printer Technology® (VPT).
- Support for 10/100/1000 BaseTX networks allows the printer to run at the rated speed. You can also speed network throughput by sending compressed files—in PDF and TIFF format—directly to the printer without opening an application.



High-capacity, fully adjustable paper trays and vacuum paper feed technology let you print on a wide range of paper thicknesses and sizes from 8" x 7" to 14" x 18".



Rely on continuous printing with easy-to-change consumables. Avoid the hassle, delays and expense of service calls.

Your Environmental Partner



Ricoh continues our long-standing commitment to developing environmentally-friendly office solutions with superior energy- and supply-saving features, including:

- Power-saving Sleep Mode
- Duplex Modes
- Restriction of Hazardous Substances (RoHS) Compliant

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System Specifications

Specifications

Print Speed (simplex/duplex)	Letter/LEF: 156/78 ppm Letter/SEF: 78/39 ppm Legal/LEF: 156/78 ppm Legal/SEF: 78/39 ppm Ledger/SEF: 78/39 ppm B5/LEF: 156/78 ppm A4/LEF: 156/78 ppm B4/SEF: 78/39 ppm A3/SEF: 78/39 ppm
PM Cycle (# of images)	Engine (First PM): 1,600,000 Container Stackers: 9,600,000 High Capacity Feeders: 9,600,000
Duty Cycle (images/month)	Average: 1,200,000–1,500,000 Maximum: 4,500,000
Standard Input	3,500 sheets total Input Bins: 2,500 sheets and 1,000 sheets
Maximum Input	15,500 sheets total Printer Engine: 3,500 sheets High Capacity Feeder 1: 6,000 sheets High Capacity Feeder 2: 6,000 sheets
Standard Output	4,100 sheets total Sample Tray: 100 sheets Standard Stacker 1: 4,000 sheets with Job Offset
Maximum Output	8,100 sheets total Printer Engine: 100 sheets (Sample Tray) Standard Stacker 1: 4,000 sheets with Job Offset Additional Stacker 2: 4,000 sheets with Job Offset

Paper Sizes/Weights*	Letter/LEF, SEF: 8.5" x 11"/16 lb. Bond-110 lb. Index Legal/LEF, SEF: 8.5" x 14"/16 lb. Bond-110 lb. Index Ledger/SEF: 11" x 17"/16 lb. Bond-110 lb. Index Executive/LEF: 7.5" x 10.5"/20 lb. Bond-110 lb. Index Folio/LEF, SEF: 8.5" x 13"/20 lb. Bond-110 lb. Index
*Edge-to-edge printing (full bleed) is supported.	
Custom Sizes/Weights	Minimum: 8" x 7"/20 lb. Bond-110 lb. Index Maximum: 14" x 18"/20 lb. Bond-110 lb. Index
Processor Memory	PowerPC 750FX (800 MHz) DDR-SDRAM DIMM (PC2100) 512 MB
Hard Disk Drive	40 GB ATA HDD
Printer Ready	PDF, TIFF
Page Description Languages	PCL5e, Adobe® PostScript® 3™
Fonts	PCL5e: 80 Fonts PostScript 3: 136 Fonts
Resolution	600 x 600 dpi
MOP (Multiple Original Printing)	Standard
Duplex, Simplex	Standard
Error Recovery	Paper Jams
Embedded Web Server	Real-time device monitoring and configuration
Standard Interface	Ethernet 10/100/1000Base-T (autosensing)
Optional Interface (Card)	Multi-protocol Ethernet 10/100Base-TX with automatic switching

Protocols	TCP/IP (Raw TCP, LPR) and Internet Printing Protocol (IPP)
Drivers	Drivers for Windows® 95/98/2000/NT 4.0/XP Server 2003; PPD for Apple Macintosh OS 8/9/X
Virtual Printer Technology (VPT)*:	Enables a single printer to support up to 64 print services or "virtual printers".
Power	220V-240V, 30A/30/Nema L15-30P (U.S.)
Weight	Minimum: 1,897 lbs. Maximum: 3,867 lbs.
Engine Floor Loading	660 lbs. per square inch
Dimensions (H x W x D)	Minimum: 66" x 104" x 64" Maximum: 66" x 226" x 64"
Required Maintenance Area (W x D)	156" x 122"
Optional Equipment	Attention light with Green, Yellow and Red

Consumables (avg. yields)

Toner (6 bottles per package)	324,000 images @ 90% utilization (per package)
Developer (2 bottles per package)	1,440,000 images @ 90% utilization (per package)

Ricoh Consumables: For maximum performance and yield, we recommend using genuine Ricoh parts and supplies.



RICOH

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