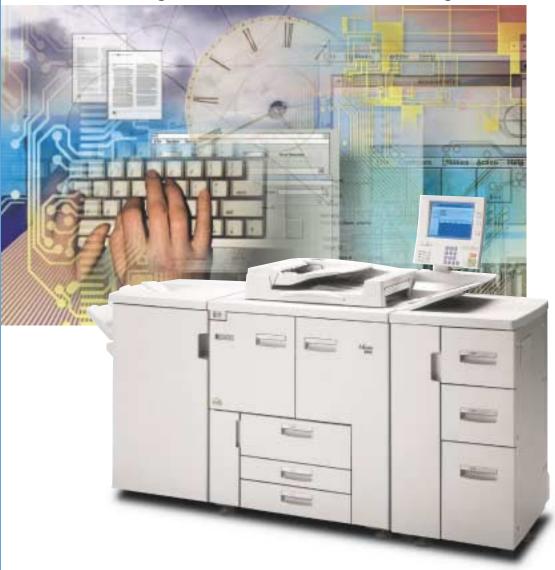


Digital Technology

Aficio 1085

High Performance On-Demand Printing Solution







A Networked High Performance and Productive On-Demand Printing Solution From the Digital Technology Leader

Now you can have the production quality, highperformance and productivity of a digital imaging
system for your workgroup, central reprographic
department or print-on-demand environment with
the RICOH® Aficio 1085. With its advanced, integrated
digital Document Server and Editor technology,
the Ricoh Aficio 1085 combines the productivity
of an 85 ppm digital imaging system with a fully
networked, high speed laser printer with exceptional
image quality.

Enhanced digital technology allows the
Aficio 1085 to handle your business applications
whether you're in a walk-up or production environment or managing your documents from your
desktop. You may simply program the Aficio 1085,
walk away and return when the job is complete

or have the convenience of your capabilities right at your desktop. Collate, covers, tabs, chapters, signature booklets, page numbering and stamping, stapling or punching... it all takes place in one smart system.

The Aficio 1085's versatile, intuitive and easy-touse interface puts a wide range of total print solutions right at your fingertips, so you'll have control of your most critical documents at all times.

Best of all, the Aficio 1085 comes from Ricoh, the pioneer in dependable digital output.



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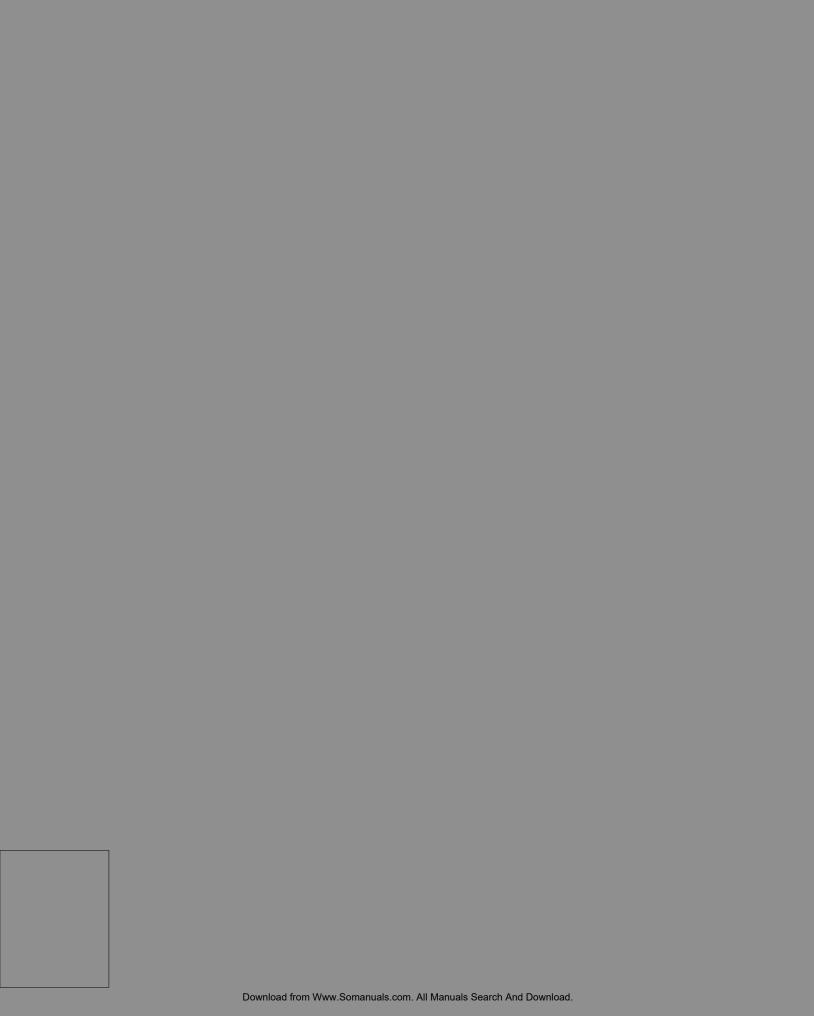
Aficio® 1085 Document Management



Professional Output

Finishing Options





Fiery EB-105e Print Controller Capabilities & Specifications





Aficio 1085 Fiery EB-105e Embedded Print Controller Assures Image Quality & Flexibility

Increased productivity is the result when the Fiery EB-105e teams up with the RICOH® Aficio® 1085. Designed to support the most demanding Print-for-Pay and Production environments, the EB-105e delivers smooth, consistent black and white printing with astonishing speed.

The Fiery EB-105e is designed for ease-of-use and includes document building tools, print drivers for a variety of platforms, utilities for remote job management, and a local interface for immediate control on the Fiery.

Speed For Productivity The Fiery EB-105e provides document printing capability with Rip-While-Print and Continuous Print technologies optimized for black and white business applications. The Aficio 1085 is driven at its rated speed and offers users full control of advanced paper-handling features including sorting, stapling, hole punching, cover stock and tab extension printing.

With a full suite of network and workflow utilities, the EB-105e gives users of all knowledge levels an easy-to-use interface and the ability to produce!

Fiery FreeForm™ Up to 100 master forms may be RIPed separately and stored. Variable data can be customized and automatically merged later for the flexibility you expect.

Fiery NetWise 2.0[™] This networking architecture enables network administrators to easily integrate new Fiery servers into existing networks with minimal effort. Auto-switching protocols, auto-sensing

ports and support of standard 10/100BaseT connections make it the most universal Novell NDS Compliant network architecture.

Fiery Downloader™ Users can download Postscript EPS, PCL and PDF files, as well as manage fonts. Users can modify settings or edit the number of required copies without opening application programs.

Fiery WebTools™ Fiery WebTools provide a complete set of platform independent remote printer management utilities that allow print jobs to be managed remotely over corporate intranets or the Internet with a Java enabled web browser. Through WebSpooler, the user may view the printer status as well as track each print job as it is being Spooled, RIPed or Printed.

DocBuilder Pro™ (optional) Users can preview and merge pages or hold jobs from different applications and platforms and preview full pages prior to printing.

Command WorkStation™ (optional) Allows users to track, manage, and control print jobs from a centralized location, ensuring the highest production for Print-for-Pay and Central Reprographic Departments.

Fiery Controller Features

- ▶ RIP-While-Print
- Continuous Print
- Adobe PostScript Level 3
- Adobe i ostscript Level .
- Job Log
- Workflow Utilities
- Easy-to-Use Interface
- Increased Productivity
- Remote Printer Management Utilities



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Aficio[®] 1085

System Requirements and Specifications

Hardware

Fiery X2e Motherboard: MIPS R7000 @266 MHz CPU

64 MB RAM (standard) 64 MB RAM (optional)

SDRAM enabling fast memory access

High speed 64-bit bus 6 GB Hard Disk

Resolution 600 x 600 dpi

EFI Custom ASICs IX ASIC – Increased speed of I/O functions

DX ASIC - High speed and access of various

memory types and speeds

VX2b ASIC - High speed Video Interface

Page Description Adobe PostScript 3

136 Adobe Roman PostScript Language/Fonts

PCL5e and PCL6 PDF Printing

Utilities Fiery FreeForm™

Fiery WebTools™ WebSpooler™ WebSetup™ Configure Print Status

Fiery Downloader™

Fiery Print Drivers for Macintosh and Windows

Networking - Netwise 2.0™

EtherTalk Simultaneous

auto-switching protocols: TCP/IP

Novell IPX 802.2, 802.3, 802.5 Ethernet II, and SNAP frame types

Auto-sensing ports:

Parallel port (in) IEEE 1284, Type C Ethernet 10/100BaseT standard support

Fiery EB-105e Controller Specifications

EB-105e Controller Options

64 MB RAM Upgrade Command WorkStation™ for centralized job management

DocBuilder Pro™ with Command WorkStation™ for server based, in-RIP imposition

Regulatory Approvals

CE Mark CSA EN55022 Class B TUV/GS FCC Class B VCCI Class A UL EMC



Peerless Type 850 Print Controller Capabilities & Specifications





Powerful Connectivity For Your Networked Office

The optional Peerless Type 850 print controller provides the RICOH® Aficio 1085 with the enhanced productivity of a fully networked, high-speed 85 ppm laser printer with exceptional 600 dpi image quality. It is the ideal solution for work environments such as large businesses and central reprographic departments, or as a shared resource for the large workgroup, where high speed, high volume, production quality and flexibility are essential.

You can conveniently control the Aficio 1085's advanced capabilities right from your desktop.

Copy, collate, insert covers, chapter separators, print page numbers and stamps, staple or punch—it all takes place in one very smart system. The Document Server creates innovative solutions to enhance printing productivity including:

Proof Printing—Print a sample set for approval before printing a large job to prevent waste.

Secure Printing—Send your electronic documents with a password to insure security.

On-Demand Printing—Keep files with their job settings at the Document Server for easy retrieval the next time the file is needed for printing.

File Merge/Delete—Merge electronic and/or paper based originals to create a new file. Delete or add files as required.

PCL5e/PCL6 is standard, allowing the Aficio 1085 to work with all major PC applications. PCL drivers are available for Windows 95/98/2000 and NT 4.0. An optional Adobe PostScript 3 module offers drivers for the above applications, plus the latest Macintosh OS. **The result?** Flexible, powerful network connectivity in the widest range of environments.

The Aficio 1085's impressive performance is enhanced through the Ricoh Aficio Manager utility software. Aficio Manager allows you to monitor and manage the performance of Ricoh printer peripherals attached to your local area network. By permitting you to view the status of Ricoh printer peripherals—in real time—and reroute print jobs if problems arise, Aficio Manager significantly reduces job time and increases productivity. Plus, Aficio Manager's "PortNavi" allows you to parallel print utilizing Aficio 1085s, thus increasing your productivity.

The Ricoh Aficio 1085 with printer connectivity the networked high performance and productivity solution from the digital technology leader.





Aficio[®] 1085

Printer Specifications

Print Speed: 85 ppm

Interface: Ethernet Network Interface Card

10/100BaseT

Parallel Port (IEEE 1284)

CPU: Power PC 740/266 MHz

Network Protocol: TCP/IP, IPX/SPX, AppleTalk

Memory Capacity: 32 MB Standard (Expandable to 256 MB)

Hard Disk Drive: 6 GB (optional)
Printer Language: PCL5e/PCL6 (Standard)
Adobe PostScript3 (Optional)

Print Drivers: PCL5e/PCL6 for Windows 95, 98, 2000, NT 4.0,

Adobe PostScript3 for Windows 95, 98, 2000,

NT 4.0, Macintosh

Print Resolution: PCL6/600 dpi (2400 x 600 dpi with Edge Smoothing)

PCL5e/600/300 dpi

Adobe PostScript3/600 dpi

Standard: 35 Intellifonts, 10 TrueType Fonts, 1 Bitmap Optional: 136 PostScript Fonts

Accessories

Fonts:

Adobe® Postscript® 3™ Type 850 Printer Hard Disk Drive Type 850 Network Interface Board Type 450-E Type 850 Interface PCB Type 850 32 MB Printer Memory Type 850 64 MB Printer Memory Type 850 128 MB Printer Memory

Features

Binding (Top & Side)

Collation

Cover Sheet Printing Document Server Duplex Printing

Layout (up to 16 pages per sheet)

Magazine Mode OHP Slip Sheet Printing **Proof Printing**

Punch/3 or 2 hole (top or left)

Sample Print Secure Print

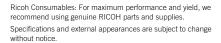
Separator Page (with PostScript 3 only)

Special Stock (Thick, Transparency)

Stapling (4 choices) Tray Lock

Adobe PostScript 3"









Digital Copier Capabilities & Specifications





The Dependable Digital Difference

Give your office the powerful benefits of high speed digital output and production quality with the RICOH® Aficio 1085. With its advanced, integrated digital technology, the Ricoh Aficio 1085 combines impressive 85 digital pages per minute, with exceptional 600 dpi image quality, to put superior performance and productivity right at your fingertips.

The heart of the Aficio 1085 system is a superb 85 pages-per-minute engine, combined with the system's amazing digital scanner—scanning up to 72 originals per minute. Additional capabilities include a 100 sheet Automatic Reversing Document Feeder, a high capacity 3,000 sheet, four-position stapler/finisher, capable of stapling up to 100 sheets per set.

A color touch screen display guides you through each operation, showing you only the information you need for the task at hand. Pre-programmed

> shortcut keys make performing many common tasks a one-touch proposition.



The Aficio 1085's "scan once, print many" technology allows users to scan documents directly into the Aficio 1085's powerful memory. Select cover stock, tabs, chapters and more, press a button, then walk away with your originals while the operation is completed automatically. Among its many productivity-enhancing capabilities, the Aficio 1085 includes an integrated 3-hole (or 2-hole) punch, stamping and numbering, stapling, sample set proofing and more.

The Aficio 1085 provides two toner bottles on line for change-on-the-fly, continuous performance. The system's standard trays include one tandem tray (up to 2,000 sheets of 8 1/2" x 11"), two 500 sheet universal trays (up to 11" x 17") and a Large Capacity Tray offering three additional 8 1/2" x 11" trays, providing a total paper capacity of 7,550 sheets. You can add paper to any tray not in use. When a paper tray is empty, the Aficio 1085 automatically shifts to a tray containing the same paper type and continues the job uninterrupted and without operator intervention.

Best of all, the solution-packed Aficio 1085 comes from Ricoh, the digital technology leader.



General Specifications

Printing Process: Reading Element: Configuration:

Dry Process (Dual Component) 4 Channel CCD Array

Console

864.9 lbs.

48 MB x 2 (RAM)/4.3GB x 2 (HDD) 6 Minutes

Standard Memory: Warm Up Time: Quantity Indicator: Power Source:

1 to 9.999 220V/240V/60Hz/20A 87.3" x 28.9" x 58.1"

Full System Dimensions (WxDxH): Weight:

1st Tray 1,000 sheets x 2 (Tandem Tray); 2nd and 3rd Tray 500 sheets

(User Adjustable) 5 1/2" x 8 1/2" to 11" x 17" Paper Size: 14 lb. Bond–90 lb. Index Paper Weight:

RT42 Large Capacity Tray:

Paper Supply

Paper Feed:

Paper Size: 5 1/2" x 8 1/2" to 8 1/2" x 11" Paper Capacity: 4th & 5th Tray 1.000 sheets: 6th Tray 2,550 sheets Paper Weight:

14 lb. Bond-80 lb. Cover (4th & 5th Tray) 14 lb.Bond-90 lb. Index (6th Tray)

Total Capacity: 7.550 sheets

Engine Specifications

Speed First Copy: Copying Speed: Copy Resolution: Gray Scale:

4.1 seconds 85 copies/minute 600 x 600 dpi 256 levels

Original/Copy Size

Original Type: Book/Sheet Original Size: Up to 11" x 17" Copy Size: 5 1/2" x 8 1/2" to 11" x 17" Plain Paper, Transparencies, Tabs, Copy Type:

90 & 110 lb. Index, 80 lb. Cover

Duplex

Four Page Stackless Interleave Type: Capacity: Unlimited

Paper Size: 5 1/2" x 8 1/2" to 11" x 17" 20 lb. Bond-90 lb. Index Paper Weight:

Reduction/Enlargement

Reproduction Ratios: 25%, 50%, 65%, 73%, 78%, 85%, 93%, 121%, 129%,

155%, 200%, 400% 25%-400% in 1% increments Zoom:

Auto Reversing Document Feeder

Original Size: 5 1/2" x 8 1/2" to 11" x 17" Original Weight: 13 lb. Bond-90 lb. Index (simplex)

16 lb.-34 lb. Bond (duplex) **Original Stack Capacity:** 100 sheets (20 lb. Bond) **72 OPM** Scan Speed:

SR810 Finisher:

Shift Tray Stack Capacity: 3,000 sheets Proof Tray Stack Capacity: 500 sheets

Paper Weight: 14 lb. Bond-80 lb. Cover Staple Capacity: 100 sheets (20 lb. Bond) 8 1/2" x 11" to 11" x 17" Staple Paper Size: 4 Positions (Top, Bottom, **Staple Position:** 2 Staples, Top Slant)

Document Server Specifications

Number of Jobs: Up to 250 Number of Pages:

Up to 5,000 Resolution: 600 dpi, 4 level (Scanning Data) 600 dpi binary (Electronic Data)

User ID: Max 8 Letters (Alphanumeric) File Name: Max 8 Letters (Alphanumeric) Password: Max 4 digits (Numeric)

Copier Features

Auto Duplex Original Modes: Auto Off Generation Copy, Pale Original, Photo, **Auto Paper Select** Auto Reduce/Enlarge Text,Text/Photo **Auto Stamping Original Orientation Mode Auto Start** Page Numbering **Auto Tray Switching** Paper Designate (20) Background Numbering Print Sample Batch Mode Repeat Copy Booklet/Magazine Mode **Rotate Original** Sample Set Centering Chapterization (20) Save/Delete Combine Originals Covers (2,4,8,16) Series Copying Size Magnification **Directional Magnification (%)** Slip Sheets (OHP, Separation) **Directional Size** Magnification (Inch)
Double Copy **Special Paper Display** Tab Copy **Energy Saver Mode** Tandem Print (Option) Erase Center/Border Thin Paper Mode Three-Side Full Bleed **Image Repeat** Image Shift **Touch Panel CRT** Interrupt (Dual Language) Job Preset (10) **User Codes** (500 Copy/500 Print) Job Program (25) Job Status Indicator **User Stamping** Job Time Calculation Weekly Timer Margin Adjustment

Document Server Features

Mixed Size Originals

Booklet and **Save Printing Conditions** Magazine Mode Search by Document Change File Name File Name Set Password Connect Copy/Print Job Preset (10 Jobs) Sort By User ID or Time Sample Set

Document Editor Features

Change File Name File Insertion Delete File File Merge **Delete Page** File Save to CD File Download from CD Insert Page

Accessories

CD-R/RW Drive Type 850:

Functionality: Write and read Aficio 1085 document file data from

CD-R or CD-RW disk

Disk Memory: 50 files or 500 pages Write-4x Speed:

Read-20x 120V/60Hz/15A Power: Dimensions (WxDxH): 5.8" x 7.8" x 1.7" Weight: 3 3 lbs

Connect Copy Kit Type 850 Interface PCB Board Type 850 11" x 17" Tray Kit Type 850 Punch Kit Type 850 NA-3 (3-Hole) Punch Kit Type 850 NA-2 (2-Hole) SR85 Bookletmaker

SPF-9R Bookletmaker

Ricoh Consumables: For maximum performance and yield, we recommend using genuine RICOH parts and supplies Specifications and external appearances are subject to change without notice

Printed in U.S.A. on recycled paper because Ricoh cares.

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Ricoh Corporation, Five Dedrick Place, West Caldwell, NJ 07006 Phone: (973) 882-2000 Website: http://www.ricoh-usa.com

Connect Copy/Connect Print

Link two Aficio 1085s to effectively double output and achieve speeds up to a remarkable 170 pages-per-minute. With Connect Copy/Connect Print, users have the flexibility to utilize the Aficio 1085 systems in high volume production environments when speed is paramount. This capability

now provides the benefit of having a high volume, cost effective solution at a fraction of the cost of traditional high volume systems. At the same time, these powerful digital imaging systems can serve as back up units for standard "walk-up" applications. Users will benefit from the advantages of having two digital imaging systems that can be used independently.

Partners with the Environment

Not only are these efficient systems in compliance with the Environmental Protection Agency's Energy Star® Program to reduce energy consumption and minimize air pollution, but Ricoh, named the EPA 2000 Office Products Partner of the Year, has been recognized for five consecutive years by the U.S. Government for its continued commitment to a healthier,

Let Ricoh handle your diverse business applications by building a system to meet the specific needs and demands of your environment.







EPA 2000 Office Products Partner of the Year (5th consecutive year) EPA 2000 Labeling Partner of the Year

Ricoh Corporation has determined that this product meets the Energy Star® guidelines for energy efficiency.



There is a name synonymous with the business world: Deming.

Named for Dr. W. Edwards Deming, the Deming Medal Award recognizes corporations and individuals that demonstrate an outstanding commitment to quality control. Ricoh has won two coveted Deming Prizes for quality control.







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