

Aficio®

# SOLUTIONS



**RICOH®**  
**MICROPRESS**

**Document  
Production  
System**

**RICOH®**

## The RICOH® MicroPress Advantage

### Growth-Optimized

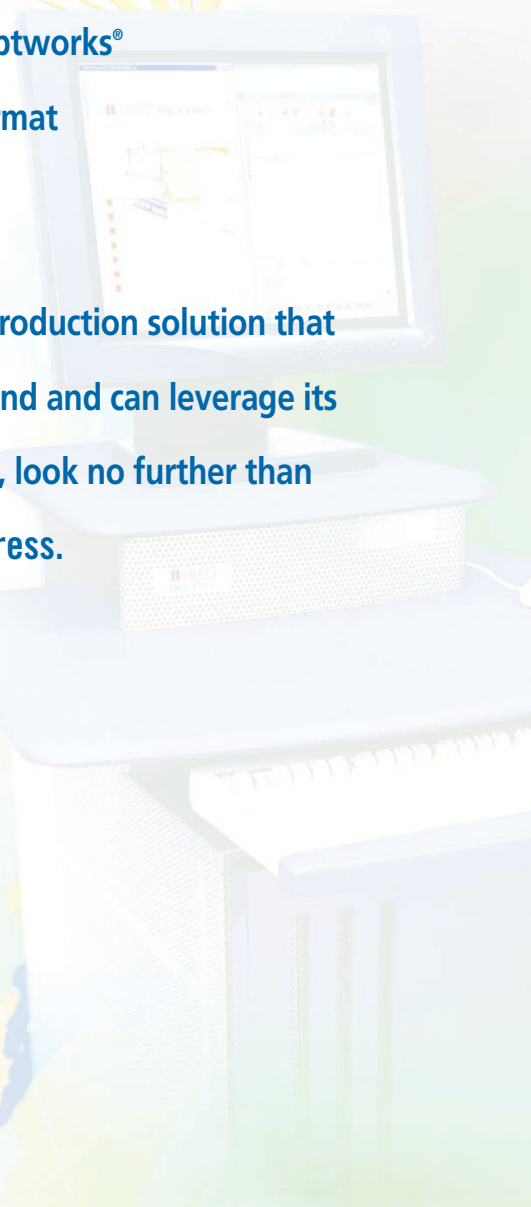
The Growth-Optimized Ricoh MicroPress is a short-run, on-demand, document production solution designed for production printing of black and white documents. The Ricoh MicroPress allows customers to build a solution that serves the production needs of today while providing an upgradeable system to meet the production requirements of tomorrow. Start with an entry-level Ricoh MicroPress configuration and simply add print devices or software features as needed. A single Ricoh MicroPress can support:

- ▶ Multiple print devices
- ▶ Network connectivity
- ▶ Document management capabilities
- ▶ Distribute & print capabilities
- ▶ Internet connectivity

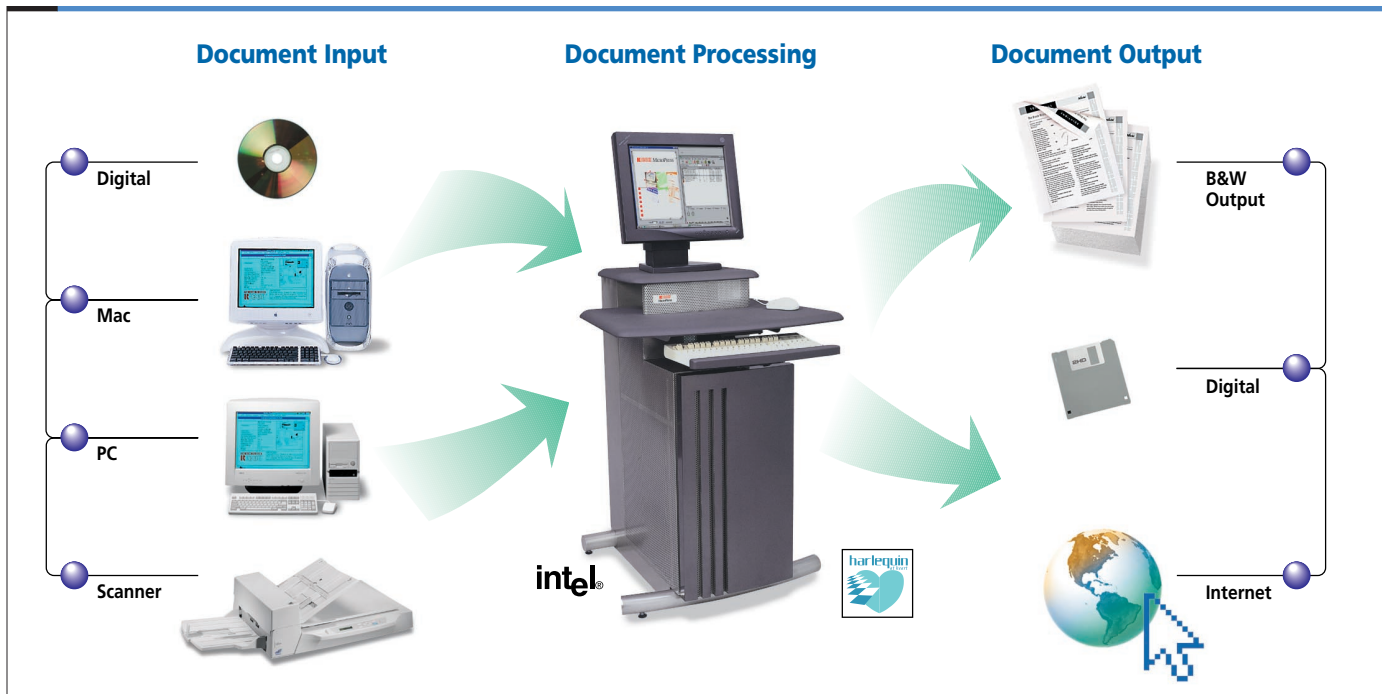
With the Ricoh MicroPress, it is not necessary to buy additional servers each time an additional print device is added. And, customers benefit from the MicroPress' use of industry-standard, best of class products like:

- ▶ Microsoft® Windows® NT™
- ▶ Harlequin® Scriptworks®
- ▶ Adobe® PDF format
- ▶ Intel®

For a document production solution that grows with demand and can leverage its initial investment, look no further than the Ricoh MicroPress.



## The Ricoh MicroPress Workflow



### Superior Document Processing and Workflow

With most sophisticated, on-demand, printing systems, managing the entire document production workflow is usually a labor intensive, time-consuming task. The Ricoh MicroPress' easy-to-operate Windows-based, user interface changes all of this by allowing users to control all aspects of document input, processing, and output with just the click of a mouse.

The Ricoh MicroPress' workflow management capabilities start with job input and allow users to input a job through a wide variety of electronic or hard copy formats. These capabilities support:

- Network job submission from PC's or Mac's
- Remote job submission via the Internet
- Hard copy scanning
- Direct job submission of PostScript, PCL, TIFF, and PDF files

This allows users the freedom to choose the most appropriate format and platform for submitting jobs to the Ricoh MicroPress for printing.

After jobs have been submitted to the Ricoh MicroPress, the workflow management capabilities for job processing take over. The Ricoh MicroPress utilizes an architecture optimized for efficient processing and includes processing power from Intel, Microsoft, and Harlequin. In addition to processing the jobs into the Ricoh MicroPress' application-independent, print-ready, post-RIP format, the Ricoh MicroPress offers a powerful set of capabilities

for quickly and efficiently enhancing, modifying, and manipulating these jobs prior to printing. These capabilities support:

- Merging whole documents or individual pages from documents
- Merging documents created in multiple applications
- Adjusting margins and image placement
- Applying sequential numbers
- Converting sequential pages into booklets, signatures, or two-up printed pages
- Applying variable data

All of these capabilities are available without sending the document back to the original application or RIPing the file again.

When the job has been completely prepared for printing, the Ricoh MicroPress' workflow management capabilities for document output finish the process. The Ricoh MicroPress currently supports black and white output as well as output to industry-standard digital file formats. These capabilities support:

- Soft proofing through industry-standard file formats
- Clustering multiple like devices as a single integrated device
- Up to tabloid/A3 black & white printing
- Job archiving for easy retrieval

These output capabilities offer unmatched versatility from a single, universal server solution and round out the complete workflow management available through the Ricoh MicroPress Cluster Printing System.

# The Power of Many

## Highly-Versatile

The Highly-Versatile Ricoh MicroPress has document production capabilities that are designed and configured to meet the wide variety of requirements inherent in dynamic, digital document production environments. All of these environments have the common goal of printing documents, but each may potentially require a unique combination of capabilities. Because of this high versatility, the Ricoh MicroPress is ideally suited to the needs of:

- Corporations and Departments
- Commercial Printers
- Government & Academia
- Specialty & Quick Printers
- Book Publishers
- Facility Managers

Use of the Ricoh MicroPress in these environments provides customers the ability to produce a wide range of documents, such as:

- Sales and Marketing Collateral
- Personalized & Variable Data Documents
- Operations & Training Manuals
- Product Documentation
- On Demand Books

No matter what your business type or your document production needs, the versatility of the Ricoh MicroPress provides the right solution.



## Mission-Critical

The Mission-Critical Ricoh MicroPress provides the comfort of knowing that documents will be produced when and how they are needed. The Ricoh MicroPress employs a unique "virtual printer" architecture that provides users the ability to manage multiple connected print devices according to their requirements to ensure on-time delivery of the printed document. Users can employ clusters of multiple devices as an integrated printing solution for maximum throughput or they can run multiple jobs simultaneously. No matter what mode is being used, the MicroPress takes advantage of built-in error recovery to ensure document production is completed. If a print device should become disabled for any reason, the job can be automatically rerouted to the remaining print devices for completion.

The mission-critical Ricoh MicroPress provides:

- Built-in redundancy for increased up-time
- Automatic job rerouting
- Just-in-time printing
- Workflow flexibility (one job across many devices or many jobs simultaneously)

If deadlines, timelines, and customers in line are a worry, then the Ricoh MicroPress provides an ideal solution.

# Working as One...



Ricoh MicroPress Supports Multiple Output Devices

## Maximum-Productivity

The Maximum-Productivity of the Ricoh MicroPress enables customers to tailor their document production environment to meet the input and output needs of each printing job.

The Ricoh MicroPress has the ability to seamlessly accept many native file formats including PostScript, PCL, TIFF, and PDF as created by industry-standard applications. These files can be "printed" to the Ricoh MicroPress across the network or can be downloaded directly into the MicroPress from any electronic media, including as an attachment to electronic mail. Plus, the MicroPress allows easy conversion of documents into industry-standard PDF and TIFF file formats for on-line viewing and soft proofing.

The output capacity of the MicroPress can also be quickly and efficiently modified to meet the output requirements of print jobs. On a single Ricoh MicroPress, customers can easily:

- Produce multiple jobs simultaneously across multiple devices
- Produce a single job over multiple devices
- Establish distribute-and-print remote facilities
- Compress, archive, and more importantly, retrieve files for future printing
- Seamlessly alternate between any of these tasks at any given moment

Business isn't static; document production solutions shouldn't be either. The Ricoh MicroPress is engineered to work in demanding, ever changing, document production environments and can be easily adapted to best perform the task at hand.

## Absolute-Quality

The Absolute-Quality of the Ricoh MicroPress ensures that document output will be consistent, accurate, and pleasing. Users demand control over quality throughout the production process. The Ricoh MicroPress responds through a robust and easy-to-use suite of image controls that assure users that the printed documents will appear how they were originally designed.

The Ricoh MicroPress offers:

- Cross device calibration
- Post-RIP brightness and contrast adjustment
- Pre-RIP and post-RIP image manipulation
- Image fine-tuning through screening and dot patterns
- Overprinting

For the user looking for complete control over output quality, the Ricoh MicroPress offers a solution for all types of documents and aspects of document production.

## The Ricoh MicroPress Benefit...

*The Ricoh MicroPress is the single document production solution uniquely engineered to be growth-optimized, highly-versatile and mission-critical for maximum-productivity and absolute-quality. Traditionally, users have been conditioned to seek a single solution for a single problem. The Ricoh MicroPress breaks this traditional thinking by offering a single solution for a wide variety of production problems today while also providing a path towards solving tomorrow's production problems. Whether the need is to produce one job quickly or multiple jobs simultaneously; whether the need is to accept hardcopy or electronic input — the Ricoh MicroPress can meet the challenge. The Ricoh MicroPress addressed the fact that each user has unique requirements at any point in time and allows users to configure a solution exactly to these requirements. For a local, national, or global document production solution that is:*

- Capable of maximizing return on investment
- Optimized for growth
- Versatile enough to handle diverse requirements
- Reliable to the point of virtually eliminating downtime
- Capable of unmatched productivity
- Capable of producing quality that is second to none

*...look no further than the Ricoh MicroPress Cluster Printing System, the only document production solution available with ClusterPower: "The Power of Many Working As One."*

## The Ricoh MicroPress Solution...

*The Ricoh MicroPress is the premiere document production solution that solves the document production challenge. The Ricoh MicroPress is driven by ClusterPower: "The Power of Many Working As One." The power of many people working towards one cause — providing a premiere product and superior customer service. The power of many technologies working towards a quality technical solution. The power of many print devices working as a single, integrated, document production solution. The Ricoh MicroPress is:*

- Growth-optimized to leverage each customer's investment for years to come
- Highly-versatile to conform to each job's unique requirements
- Mission-critical so each customer can rest assured that jobs will be completed on time
- Engineered for maximum-productivity
- Designed for absolute quality to ensure consistent, accurate, and pleasing output



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**RICOH®**  
Image Communication

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