



PREPRESS

PRESS

POSTPRESS

Digimaster 9110

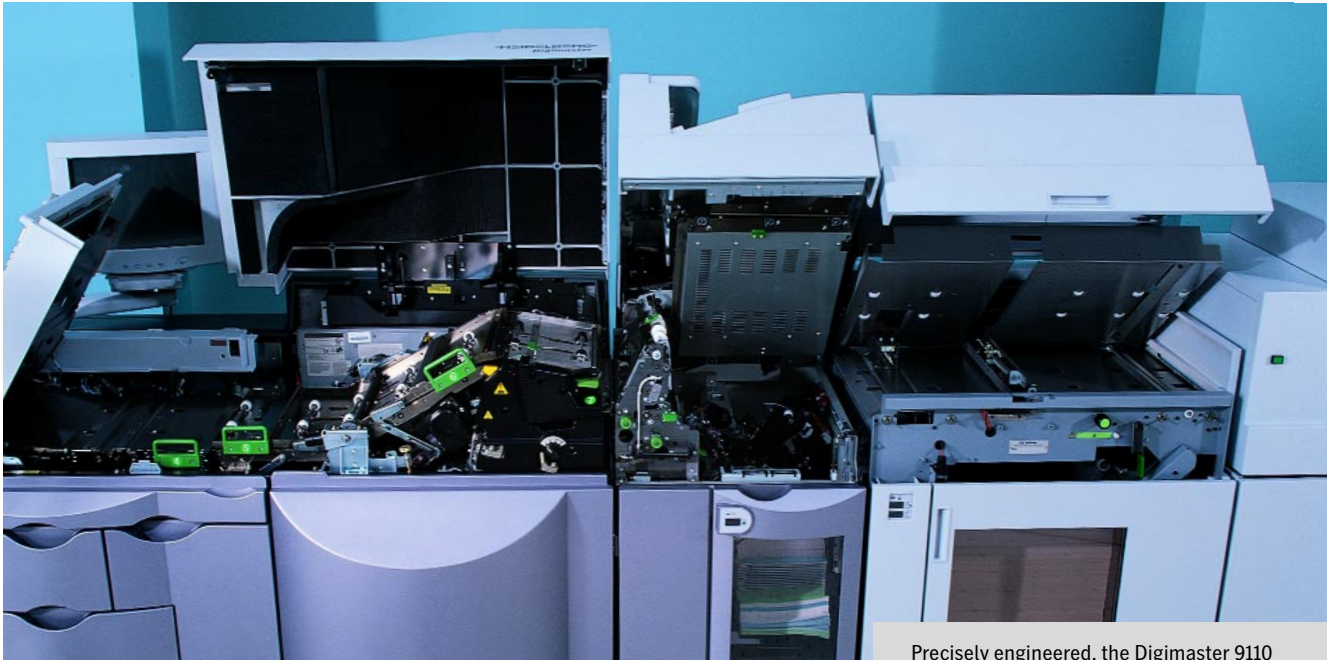
The digital production line with the Heidelberg difference: Quality, Productivity, Profitability

HEIDELBERG

Now you can choose a different digital path • Versatility that keeps the line moving, offering superior paper handling with up to six paper drawers and short paper paths for more trouble-free operation time. Send any information to the system from your network: stored document files, hard copy scans, even data print streams. And 600 dpi with high-definition imaging consistently delivers best-in-class image quality.

The Digimaster 9110 from Heidelberg is the digital production line that boosts your bottom line.





Precisely engineered, the Digimaster 9110 delivers trouble-free performance that dramatically enhances productivity.

It's a difference you can see in black-and-white

A true partner is committed to boosting your production line, and your bottom line. At Heidelberg®, we've helped our customers do more, sell more, and be more for over 150 years – from letterpress to offset, and now world-class digital printing.

Because we believe in the true principles of partnership, we constantly strive to do what is best for your business, and will never, in any way, threaten your printing operation.

Instead, we offer a significantly different and innovative digital path with the Digimaster™ 9110 Network Imaging System. It boasts a pure digital paper path and imaging system. And an array of profitable capabilities and unmatched productivity advantages make it the world's best for black-and-white imaging.

- Flexible open architecture supports all popular file formats, including Postscript™, PDF, PCL and TIFF™.
- Scans hard copy documents easily.
- Web-based browser interface simplifies document printing and job management.
- Integrated finishing system produces saddle-stitched books, folded brochures, and stapled reports – all in a single pass.
- High-speed RIP and tight process control make it ideal for on-demand and variable data applications.
- Handles paper just twice per job, at loading and at delivery.

It's a difference in sharper lines... and halftones

The Digimaster 9110's superior image quality comes from working tirelessly to meet offset printing standards, while leaving other technologies far behind. Unlike competitive production printing solutions that are still based on light and lenses, the Digimaster makes no compromises. You get sharper lines, more natural halftones and true multifunction performance that's intuitive and easy-to-use.



At a speed of 110 impressions per minute, the Digimaster 9110 truly makes work flow.

It's a better bottom line

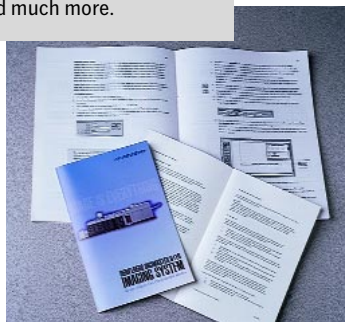
The benefits of our totally digital design are high volume, high profit, and low maintenance performance. Performance you can count on. And bank on. Short paper paths and fewer moving parts mean more trouble-free operation. And the modular, flexible design means you only buy the system you need. Let your competitors tally up the cost of features and volume capabilities that they'll never use, while you calculate the low cost of ownership of your Digimaster 9110 Network Imaging System. Because you're 'digital', your entire operation is now faster and smarter. With an open architecture and various optional software solutions, you're able to achieve one-to-one communications with short runs and variable data. And you configure a solution that's ideally matched to your business.

See the difference at the start and finish lines

The Digimaster 9110 does business the way you do – differently every day. Easily send information to the system from varied sources – your network, stored document files, hard copy scans, even print data streams. Network users can specify complete job ticket settings with their print files, and operators can choose to modify job settings or automatically honor print requests, through the use of built-in Digimaster queue functionality. With this truly flexible, 600 dpi production printer, you're ready to produce:

- Frequently updated documents, such as manuals, reports or statements, on demand.
- One-of-a-kind documents, such as benefit booklets, presentation packets and financial reports, using multiple input and paper sources.

Print on cover stock, bind two to 100 sheets, use up to six unique stocks in one document, and much more.



It's a remarkable production line

The Digimaster 9110 is designed to maintain the speed of 110 impressions per minute while you change jobs, load paper, or change specifications of existing jobs in the print server queue. And even better, the Digimaster 9110 eliminates many steps still necessary with other printing solutions. The Digimaster 9110:

- Eliminates file conversions by accepting standard Adobe™ PostScript, Adobe PDF, TIFF and PCL formats at the front end for processing.
- Provides trayless duplexing and a short paper path to minimize stoppages.
- Accepts varying paper thickness, finishes and lengths.
- Offers continuous loading for maximum productivity.



The unique drawer design makes loading the Heidelberg Digimaster 9110 fast and easy.

From the busiest print shops to the most demanding corporate environments, the Digimaster 9110 will provide the finishing options you need to make the right impression. And it's all done automatically. You don't touch your job until it's delivered.

Touch your paper twice. When you load it.
And when your finished job is delivered.

The Digimaster 9110 Network Imaging System is a modular solution that lets you build the system you need, today, and always have the option to grow the solution as you grow your business. However you configure your Digimaster 9110, you will enjoy superior image quality, more reliable paper transport and more productive operations, from the first day.



Removable tote with wheels allows you to take an unfinished set to an offline finisher.

With the Digimaster 9110 you may easily:

- Create booklets and pamphlets that are stitched, folded and stacked in the size and orientation you define.
- Perform complex prepress operations such as resizing and proofing.
- Convert to off-line finishing with a removable tote on wheels.

Features for superior image quality

- Image writer supports Grey Resolution Enhancement Technology (GRET) for smoother edges and finer details
- Developer uses particles 1/4 the size of competitors for smooth coverage, clean halftones and crisp text.

Supplies for production on demand

- One or two paper supply modules available for total capacity of up to 8,000 sheets over six different drawers.
- Cover stock, text stock, tabs and specialty papers are automatically accessed for continuous printing.
- Reload paper in one drawer, while printing from another.
- Large-capacity toner supply bottle allows longer runs and easy reloading.

The shortest distance, the fastest speed

- Short paper path provides reliability and easy operator access.
- Marking engine features trayless duplexing to maintain speeds of up to 110 images-per-minute.
- Continuous registration adjustment delivers trouble-free paper transport.
- 600 dpi image writer has no moving parts, increasing paper reliability.

A professional finish every time

- Measured stitch stapling of up to 100 sheets.
- Optional, fully integrated booklet maker saddle stitches pamphlets from 8,5 × 11 inch, 11 × 17 inch, A3 or A4 sheets.
- Automatically assembles and collates finished pieces with cover stock, long or short grain paper stock and varying sheet thicknesses.
- Convenient removable tote cart available for offline finishing; holds up to 5,000 sheets of 11 × 17 inch paper.

Flexible user interface

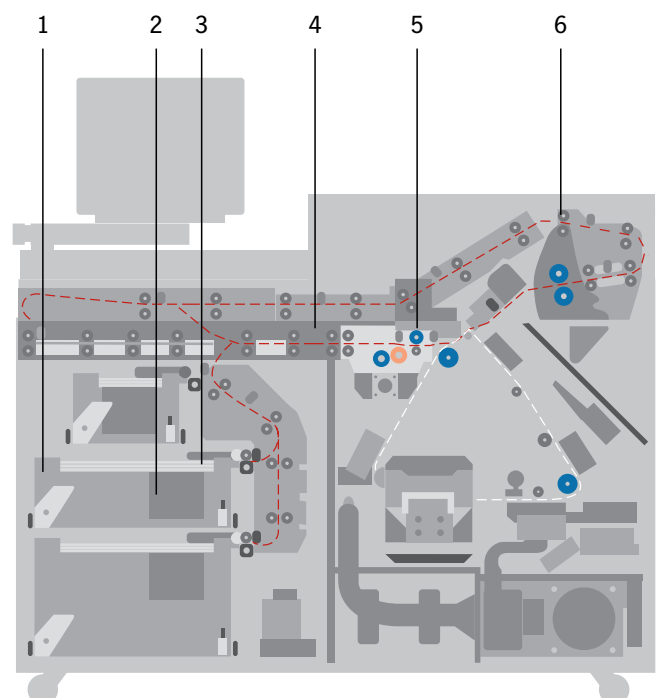
- Operator console provides choice of touchscreen or mouse.
- User interface allows the operation staff to choose the level of client involvement in setting up a job.

The power to go from hard copy, to digital, and back

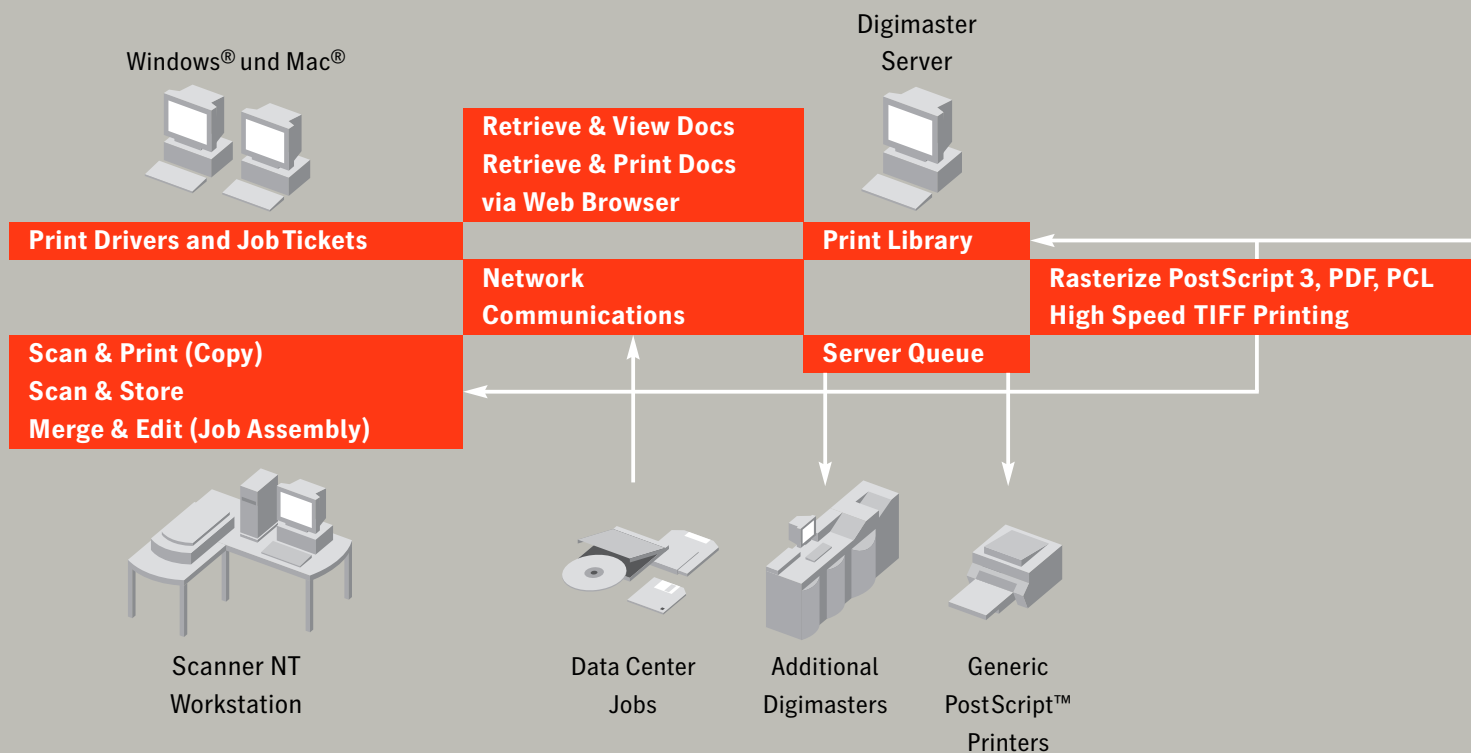
- Hard copy duplication and assembly on optional scan station.

Exceptional paper handling keeps high speed printing on track

- 1 Newly designed paper drawers for unrestricted loading of paper supplies.
- 2 Continuous run capabilities allow reloading of paper drawers that are not in use.
- 3 Vacuum feed technology in all of the paper drawers significantly increases the reliability of handling short-grain and long-grain paper stock.
- 4 A short, straight paper path provides easy accessibility all the way from the paper supplies, through the fuser, to the finishing devices.
- 5 Active registration technology accurately positions images front to back and in both in-track and cross-track directions.
- 6 Race track duplexing keeps two-side imaging travelling smoothly.



Digimaster 9110 Integrated Workflow



Selected Specifications

Configurations

- Duplicator
- Printer
- Duplicator/Printer
(Duplicator, printer, and duplicator/printer can be upgraded to higher levels for additional functionality.)

System control subsystem

- Adobe PostScript 3™
- HP™-PCL6
- Adobe PDF
- High-speed TIFF Group IV image printing
- High-speed RIP
- Web server
- Heidelberg Digimaster 9110 Network Imaging System Software
- Operator control interface
- Based on Sun® Solaris™

Document Buffer

- 256 MB RAM capacity, expandable to 512 MB RAM
- Temporary storage for up to 10,000 images, expandable to 20,000 images
- Provides automatic page level recovery after jams
- Queues print ready jobs for minimal inter-jobs delays

Operator control interface

- Touch screen or mouse control
- Complete system components control
- Java™ applet-based and accessed through web browser software

Marking Engine

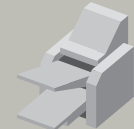
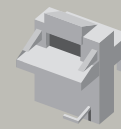
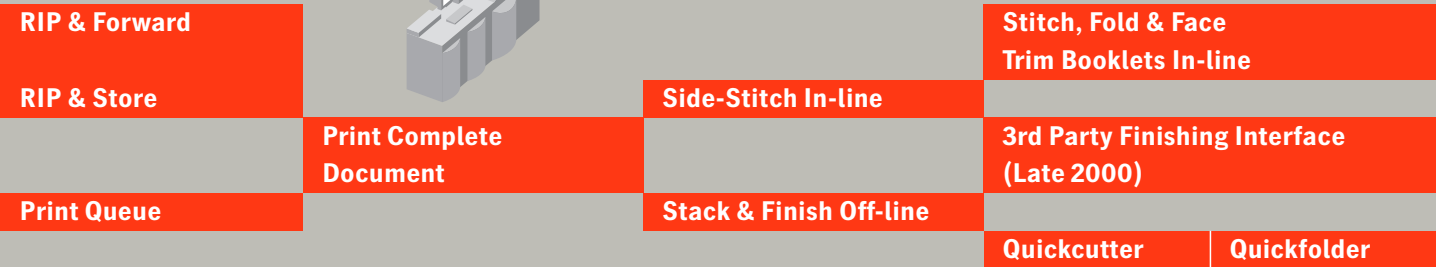
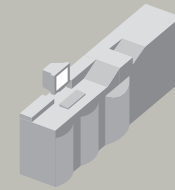
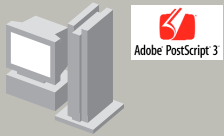
- Speed: 110 ppm (8.50 × 11 inch/ A4), 55 ppm (11 × 17 inch/ A3)
- Resolution: 600 dpi
- Duplexing: trayless
- Volume: 200,000 to 1,000,000 impressions per month or more, based on job stream

Finisher

- Top exit (proof sets of up to 500 sheets: 8.5 × 11 inch, 11 × 17 inch, A3, and A4)
- Stapler for measured stitches of 2 to 100 sheets
- Holds up to 3,000 sheets of letter, legal, and A4

Stacker

- (optional, required for booklet maker)
- Capacity: Up to 5,000 sheets
 - Paper sizes: 8.5 × 11 inch, 11 × 17 inch, A3, and A4
 - Receiver: Wheeled tote tray



Booklet Maker (optional)

- Fold capacity: 22 sheets
- Paper sizes: 8.5 × 11 inch, 11 × 17 inch, A3, and A4
- Binding: Saddle stitch and edge trim

Scan station (optional)

- Scanner: Xerox® 620 optimized for marking engine
- Speed: Up to 23 ppm simplex or duplex at 600 dpi
- Features: Scan ahead, scan while printing, image editing

Connectivity

- TCP/IP
- EtherTalk®
- SPX/IPX
- NetBEU

Supported environments

- Microsoft® Windows® (95, 98)
- Microsoft Windows NT™ (4.x)
- Macintosh Operating System
- 9110 Imaging System Software
- Novell® Software (3.12 and 4.x)
- Sun Solaris

Paper supply

Location	Capacity	Weights	
Drawer 1	1,000 sheets	16–110 lb.	60–200 g/m ²
Drawer 2	1,000 sheets	16–110 lb.	60–200 g/m ²
Drawer 3	2,000 sheets	16–110 lb.	60–200 g/m ²
Drawer 4*	1,000 sheets	16–110 lb.	60–200 g/m ²
Drawer 5*	1,000 sheets	16–110 lb.	60–200 g/m ²
Drawer 6*	2,000 sheets	16–110 lb.	60–200 g/m ²
Total	8,000 sheets		

* With optional second-paper supply module.

Paper size

All drawers	Drawers 2 & 3 and 5 & 6
8.0" × 10.5"	11" × 17" (tabloid)
8.5" × 11.0" (letter)	A3 (297 × 420 mm)
8.5" × 14.0" (legal)	
9.0" × 11.0" (letter tab)	
9.0" × 14.0" (legal tab)*	
9.0" × 12.0" (manual)	
A4 (210 × 297 mm)	
A4Tab (225 × 297 mm)	

* Available in Release 3.0.

Heidelberg – Solutions for the Entire Printing and Publishing Business • Our commitment is to being the best partner to the graphic arts industry, offering forward-looking solutions. Worldwide – Heidelberg is where your needs are met.



Our focus: the customer. Heidelberg provides custom-designed printing solutions for large and small companies.

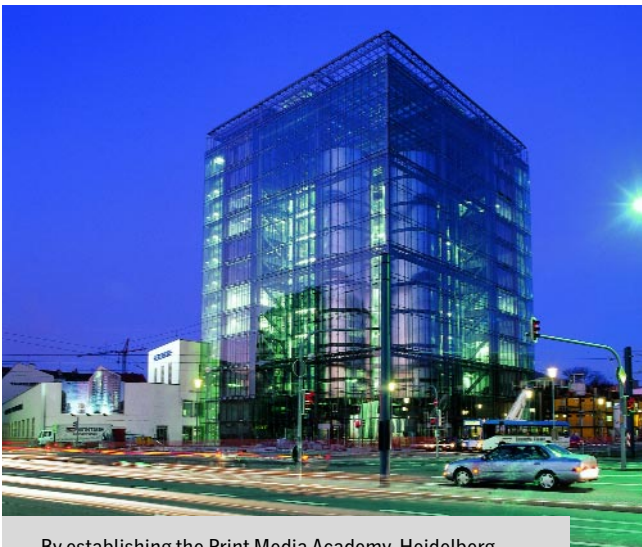


Borders are dissolving. And that is why the Heidelberg Group has evolved into a global player for modern print solutions. But also within the world of printing, borders are rapidly vanishing. The previously separate realms of prepress, press and postpress are increasingly merging

within the scope of integrated solutions. Heidelberg has played a central role in driving this dynamic process. And our goal is still to play a leading part in shaping the future of the graphic arts industry.

Customer focus is our policy. No matter whether we are dealing with family-run operations or large corporations – our modular components offer them tailored solutions ranging from individual products to entire workflows. Heidelberg covers every stage of the print process chain with products and services that define the future of the graphic arts. Our customers can count on having a competent, reliable partner ready to support them in all areas – 365 days a year, from 250 sales and service centers worldwide.

By establishing the Print Media Academy, we have created an international center for innovation, communication and training that not only covers classical training of printers and mechanics, but also blazes new trails by offering an advanced course for print managers.



By establishing the Print Media Academy, Heidelberg is providing the global graphic arts community with a unique center for sharing knowledge.

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