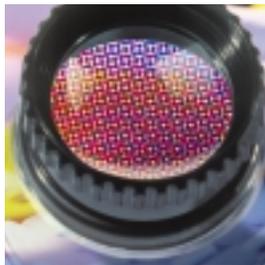
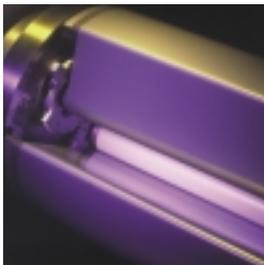


Enter the world of DI...

DI[®] Certified Pre-owned



Affordable • Profitable • Digital Offset



ABDICK
A PRESSTEK COMPANY

Value, quality and performance

When purchasing a press you have choices...conventional or digital offset, new or used, two- or four-color. Now, there is a new choice, DI® Certified pre-owned.

High-quality, certified pre-owned Direct Imaging (DI) presses offer very affordable entry to the growing digital offset printing market. They are an ideal choice for commercial and in-plant printers looking to add four-color digital offset printing capabilities, as well as for digital reproduction services looking to expand their business to include the enhanced quality and greater capacity of four-color offset printing.

DI Certified pre-owned press systems carry a full warranty and are bundled with Presstek's chemistry-free PearlDry Plus plates in an integrated system that, by design, delivers exceptional price/performance and the high efficiency of an all-digital workflow. Backed by world-class ABDick service and support, these affordable DI systems are quickly installed and operational to begin providing a speedy return on your investment.

These reconditioned presses have undergone a complete inspection by an ABDick authorized service agent. Presstek certifies the DI technology—a valuable feature when you consider that over 90 percent of the world's DI presses are enabled by Presstek technology.



Certification features:

- All presses have passed a rigorous mechanical inspection
- The laser system has undergone a complete reconditioning process, using genuine Presstek parts, that is designed to bring the system to original performance specifications
- Reconditioning by a skilled team of DI press experts
- A comprehensive safety inspection
- Testing to ensure satisfactory operation in a production environment
- ABDick's extensive service and support experience

What is DI?

DI presses print offset quality, short run color documents fast, efficiently, and profitably

Quickmaster DI printing systems are automated four-color, sheetfed, waterless, digital offset printing presses. These innovative presses eliminate the expense of film negatives, plate production, and all the processes associated with off-press imaging. Instead, your digital files are sent via a high-speed network directly to the press, where they are imaged in register, on plates that are automatically advanced and mounted on the cylinders.

The compact size of DI presses and their all-digital workflow make them an easy addition in any pressroom or copy business environment.

DI presses economically produce full-color printing in quantities from 350 to 20,000, up to 13 x 17.75 inches. This is true four-color process printing—with the quality, features and choices of stock you and your customers expect from offset printing. Best of all, because there is no film, off-press imaging equipment or intermediate processing steps, you save time, labor, shop space, and money.



The market for DI printing is growing

As a result of the transition to desktop publishing systems and digital imaging, as well as the constantly changing business market, the demand for short run color printing steadily grows.

- Businesses no longer print everything in volume for economy of scale. Customized short runs are printed, and revised and reprinted as market conditions demand.
- Products and services are rapidly changing, and businesses demand cost-effective, fast, short run printing for up-to-date literature.
- Advertising budgets focus on target markets with measurable results.
- Print communicators compete for attention in a world of media choices where color is the norm.
- Printers have to keep pace with advertisers, print buyers and graphic designers, who work in a digital world where internet resources and desktop publishing systems provide immediate results.
- The world is on-demand, and overnight deliveries, digital transmission, and instant global communication are business-as-usual, not the exception.



The right choice

By significantly expediting the four-color offset printing of digital files, DI is the right technology to capitalize on these market trends. DI is ideally suited for the vast majority of projects printed in small and medium-size shops, including data sheets, newsletters, brochures, direct mail pieces, posters, point-of-purchase displays, menus, manuals, real estate promotions, stationery, greeting cards, and more.

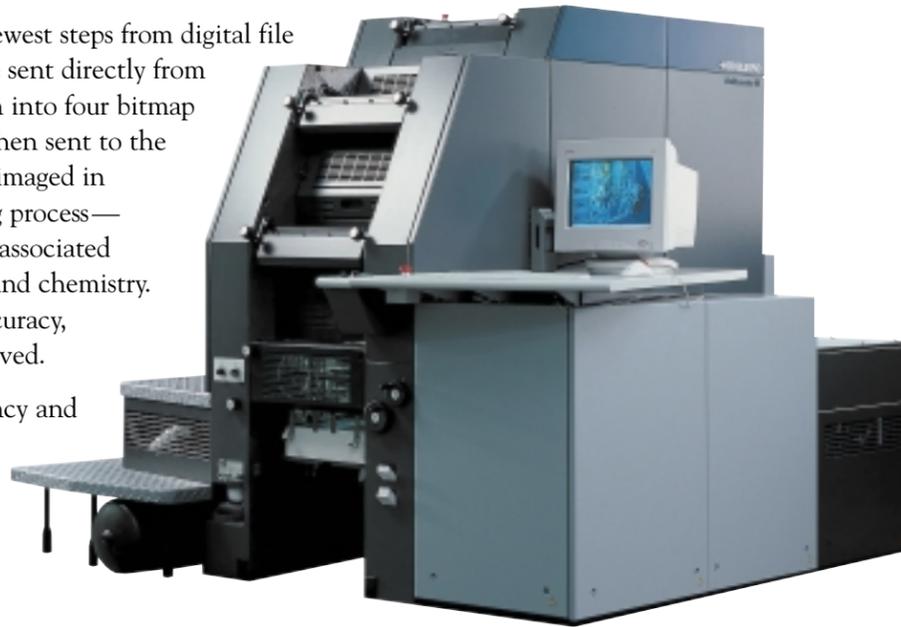
A DI Certified pre-owned press is the right choice for:

- Small commercial printers operating one- and two-color presses who are considering purchasing their first four-color press
- Digital printers who need to add capacity and cannot effectively compete on runs that are longer than 500
- Commercial shops that have large presses and cannot compete on short run color jobs
- In-plants that need to expand capacity or add four-color capability

A superior offset printing system

A successful production strategy requires the fewest steps from digital file to press. In DI workflow, digital documents are sent directly from the prepress network to the RIP for conversion into four bitmap files, one for each process color. The files are then sent to the press, where all four colors are simultaneously imaged in register. This fully automates the plate imaging process—eliminating off-press plate production and the associated labor, floor space, safelight conditions, waste, and chemistry. By eliminating steps and manual processes, accuracy, consistency and repeatability are greatly improved.

Optimum performance. The high efficiency and high quality of DI results from three unique technologies—laser imaging, thermal plate, and press design—working together as a system for optimum performance.



Laser Imaging

The on-press imaging and automation of the Quickmaster DI revolve around Presstek's thermal laser technology. Each of the Quickmaster DI's four printing units has a Presstek imaging module with 16 single-beam laser diodes. Imaging resolutions of 1270 dpi and 2540 dpi are supported. Printing at 1270 dpi with a screen ruling of 150 lpi easily supports most jobs. More demanding jobs can be printed at 2540 dpi with a screen ruling of 175 lpi. At 1270 dpi, all four plates are imaged in six minutes on a Quickmaster DI Classic. On Quickmaster Plus and Pro models, imaging will take four minutes. All models image 2540 dpi in 12 minutes.

Proven laser technology. Presstek's imaging modules are proven in thousands of DI installations around the world, in presses manufactured and branded by leading suppliers to the graphic arts industry. The multiple-diode array provides fast, accurate and

affordable imaging. In the unlikely event of diode failure, the module continues to image until a replacement diode is installed.

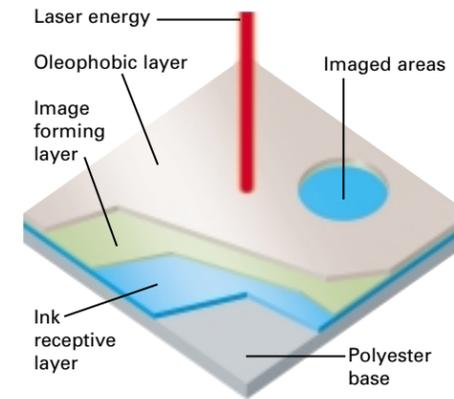
Thermal Plates

The interaction of laser and plate technologies is key to the effectiveness of digital systems for offset printing. Because Presstek manufactures both the imaging components and PearlDry plate media for the Quickmaster DI, the result is an optimized system.



PearlDry media for the Quickmaster DI is supplied on spools. Each spool holds media for 36 full-size jobs. The media is rated for 20,000 impressions. PearlDry is manufactured with an ink-accepting polyester base layer, a middle layer of titanium, and a top layer of silicone. During imaging, the heat from lasers removes the top two layers of the plate, exposing the ink-receptive polyester layer. Areas that remain covered with the top layer of silicone will repel the ink. The imaging process is a highly consistent, heat sensitive, physical reaction without the variables of exposure and chemistry. The result is sharper and better defined details and halftone dots.

PearlDry is a waterless plate, with all the high quality characteristics of waterless inking. Without fountain solutions, printing is cleaner—both operationally and on the printed sheet—with fewer variables and adjustments.



PearlDry plates employ process-free, thermal ablative imaging, resulting in extremely sharp image definition.

Press Design

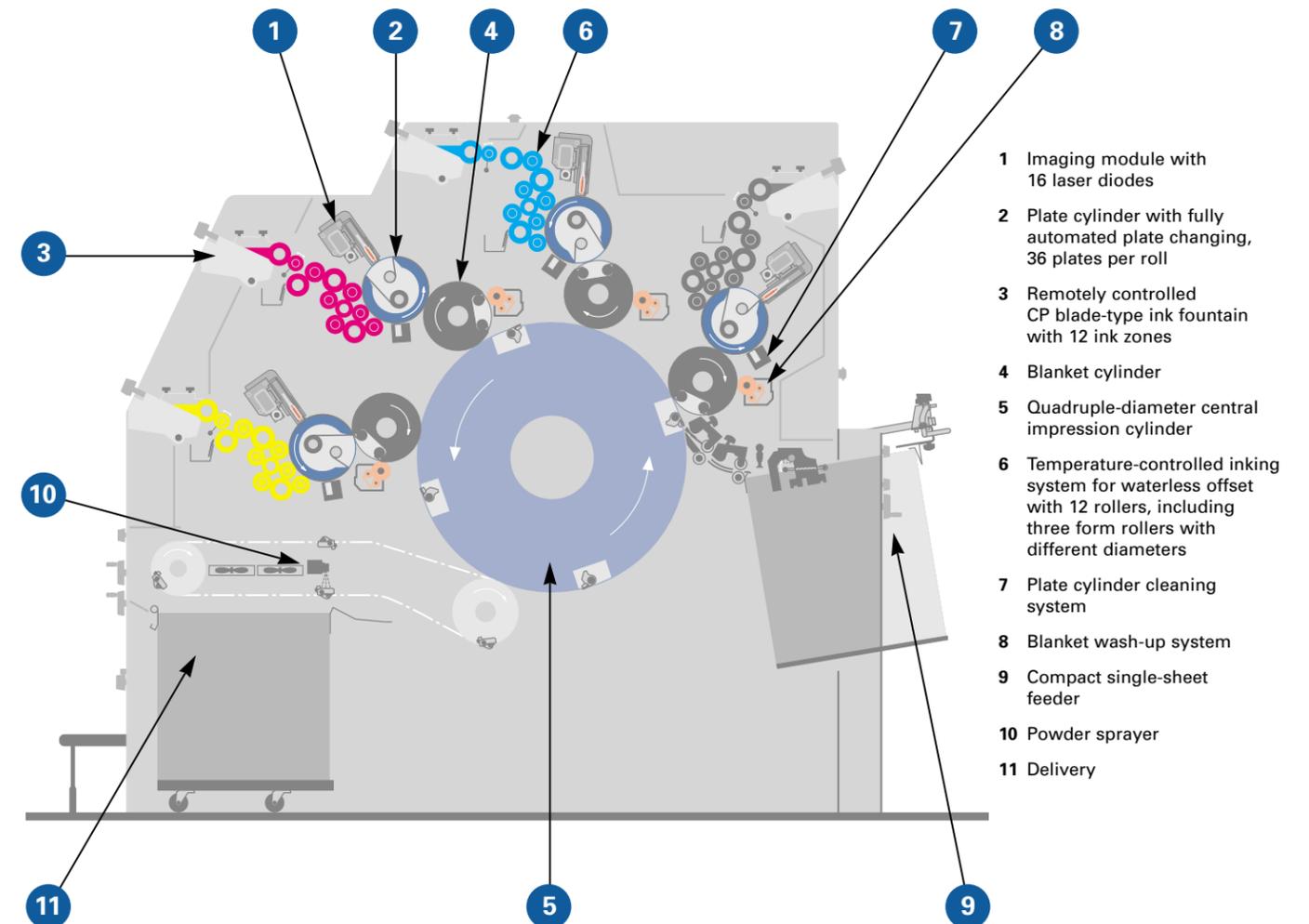
The Quickmaster DI utilizes a satellite press design in which all four printing units are positioned around a central impression cylinder. This enables printing a four-color document without transferring the paper between printing units, resulting in excellent registration of printed sheets. Since plates are imaged directly on the plate cylinder, in register, the need for operator intervention and manual plate adjustments are eliminated, further ensuring precise registration of the printed sheet. The oversized impression cylinder also reduces paper

curling and helps to protect the sheet during the printing process.

A compact system. The unique press design of the Quickmaster DI requires about 30 percent less space than a conventional four-color press. Compact size and on-press imaging enables DI to fit small shops, and reduces installation and overhead costs.

The Quickmaster DI is engineered and manufactured to the highest standards to provide years of dependable service, running multiple shifts every day.

Quickmaster DI: Quality and innovation down to the smallest detail



The competitive advantages of DI

A Presstek enabled DI press combines the best features of offset printing with the benefits of a digital workflow. The integrated printing system includes many advantages over other print production methods.



Fast

Quickmaster DI presses are designed and built to produce short run color jobs quickly. The high-level of automation and ease-of-use facilitate fast makeready times. This, combined with the fast operating speed of up to 10,000 sheets per hour, results in quick job turnaround. The streamline workflow means you'll be completing more jobs in less time.

Effective

In addition to speed, DI enhances the quality of offset printing through the precision and accuracy inherent in digital and thermal imaging. Presstek enabled DI presses produce first generation dots that are extremely sharp. Screen tints and gradients are smooth and even, fine detail is easily reproduced, higher color fidelity is achieved, and color is consistent from the first to last sheet of a run. For businesses now offering toner-based digital printing, higher quality and higher volume services are made possible. Offset printers gain the competitive ability to produce four-color printing in short runs, cost effectively, while satisfying the quality requirements of their most demanding customers.

Versatile

The Quickmaster DI supports printing materials from 0.0024" (60 g/m²) thin art paper up to 0.012" (.30 mm) thick cardboard. The largest printed sheet is 18.11" x 13.39" (460 x 340 mm); the smallest is 5.5" x 3.5" (140 x 89 mm). This range of formats and materials allows for the efficient printing of a wide range of color documents in run lengths from 300 to 20,000.

Affordable

A DI Certified pre-owned press is very affordable, with a low acquisition cost and low cost operation. The system is affordable to operate because all of the expenses associated with film-based workflow are eliminated, as are most of those involved with off-press plate production. The precise registration and accurate inking of the Quickmaster DI greatly reduces the amount of makeready sheets, for greater savings and economy.

Profitable

With the efficiency of DI, quality short run color jobs can be easily produced while increasing margins. A CAP Ventures survey of 321 Quickmaster DI users reports that they achieve average profit margins of 45 percent, in comparison to the overall sector average of 30 percent reported by the Printing Industries of America. With competitive advantages over conventional offset printers, and quality advantages over toner-based digital printers, the Quickmaster DI adds value to your business and for your customers.

Productive

Automated makereadies allow the pressman to be productive at all times. While the press is automatically preparing the next set of plates, the operator can be loading paper for the next job, filling ink fountains, transferring jobs to the bindery, or updating job tickets.

Environmentally Friendly

With no chemistry or film in the imaging process, and less wasted paper in makeready, DI is one of the most environmentally friendly printing methods available.

Easy

Not only is the press easy to use, it's easy to integrate into your workflow. The workflow is 100 percent digital—from file creation on your Mac or PC, via the RIP, to your DI press. ABDick will provide assistance and training to make your DI installation fast and smooth.



Quickmaster DI Specifications

Model	Classic	Plus	Pro
Formats			
Maximum sheet size	18.11" x 13.39" 460 x 340 mm	18.11" x 13.39" 460 x 340 mm	18.11" x 13.39" 460 x 340 mm
Minimum sheet size	5.5" x 3.5" 140 x 89 mm	5.5" x 3.5" 140 x 89 mm	5.5" x 3.5" 140 x 89 mm
Maximum image area	17.72" x 12.99" 450 x 330 mm	17.72" x 12.99" 450 x 330 mm	17.72" x 12.99" 450 x 330 mm
Gripper margin	0.39" 10 mm	0.39" 10 mm	0.39" 10 mm
Stock thickness	0.0024" to 0.012" 0.06 mm to 0.30 mm	0.0024" to 0.012" 0.06 mm to 0.30 mm	0.002" to 0.016" 0.05 mm to 0.45 mm
Direct Imaging			
Imaging resolutions	1,270 dpi / 2,540 dpi	1,270 dpi / 2,540 dpi	1,270 dpi / 2,540 dpi
Imaging times	6 minutes @ 1270 dpi 12 minutes @ 2540 dpi	4 minutes @ 1270 dpi 12 minutes @ 2540 dpi	4 minutes @ 1270 dpi 12 minutes @ 2540 dpi
Imaging technology	Presstek Pearl	Presstek Pearl	Presstek ProSpot
Printing Plates			
Plates	Presstek PearlDry	Presstek PearlDry	Presstek PearlDry
Substrate	Spooled polyester	Spooled polyester	Spooled polyester
Sensitivity	Full daylight operation	Full daylight operation	Full daylight operation
Run length	20,000	20,000	20,000
Screen ruling	Up to 175-line screen	Up to 175-line screen	Up to 175-line screen
Packaging	36 plates per spool 4 spools per box	36 plates per spool 4 spools per box	36 plates per spool 4 spools per box
Blanket cylinders (metal edged)			
Length x width	21.875" x 13.27" 555 x 337 mm	21.875" x 13.27" 555 x 337 mm	21.875" x 13.27" 555 x 337 mm
Thickness	0.077" 1.95 mm	0.077" 1.95 mm	0.077" 1.95 mm
Undercut	0.091" 2.3 mm	0.091" 2.3 mm	0.091" 2.3 mm
Production Speeds			
Maximum	10,000 sph	10,000 sph	10,000 sph
Minimum	3,500 sph	3,500 sph	3,500 sph
Crawl mode	500 rpm	500 rpm	500 rpm
Inking Unit			
Number of rollers	12	12	12
Form rollers	3	3	3
Pile Heights			
Feeder	19.29" 490 mm	19.29" 490 mm	35.43" 900 mm
Delivery	17.72" 450 mm	17.72" 450 mm	17.72" 450 mm
Power			
Current consumption at 50/60 Hz	approx. 10.5 kw	approx. 10.5 kw	approx. 10.5 kw
Physical Dimensions			
Length x width x height	96" x 100.39" x 74.8" 245 x 255 x 190 cm	96" x 100.39" x 74.8" 245 x 255 x 190 cm	126" x 109" x 75" 318 x 276 x 190 cm
Weight	8,378 lbs 3,800 kgs	8,378 lbs 3,800 kgs	10,692 lbs 4,850 kgs

All specifications are original equipment specifications and are subject to change without notice.



Quickmaster DI Classic



Quickmaster DI Plus



Quickmaster DI Pro

Service and Support

Presstek and ABDick are committed to providing you the highest levels of service and support for your Quickmaster DI. Presstek's unparalleled expertise in laser imaging and thermal media is combined with ABDick's extensive service experience to bring you one of the leading customer support organizations in the industry. Expert installation, training and maintenance will support your investment, so it will pay dividends quickly... and reliably for years to come.

When you need additional bindery or prepress equipment to meet growing demands generated by your DI press, ABDick's versatile product line and customer support organization are positioned to help you implement solutions in the manner most cost effective and suited for your business.

Consumables

PearlDry plus media can be easily ordered at www.shop.abdick.com.

Marketing Support

To help you further capitalize on your purchase, users of Presstek DI media can join Club DI. Enroll by visiting www.DIdirectory.com. Club DI is a multi-faceted marketing program that assists DI printers with their marketing and sales efforts. Members receive ready-made sales tools and collateral materials that are designed to help printers easily and effectively market the benefits of DI printing. To reach-out to potential new customers, DI users can register their businesses at www.DIdirectory.com, an internet resource for print buyers.



For more information about DI Certified pre-owned:
ABDICK • 800-422-3616 • www.abdick.com

For more information about Presstek imaging technology and DI:
Presstek, Inc. • 603-595-7000 • www.presstek.com

Printed on a Quickmaster DI, 175 line screen at 2,540 dpi
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