



PREPRESS

PRESS

POSTPRESS

Printmaster GTO 52

Reliable, Versatile, and Supremely
Equipped for the Future

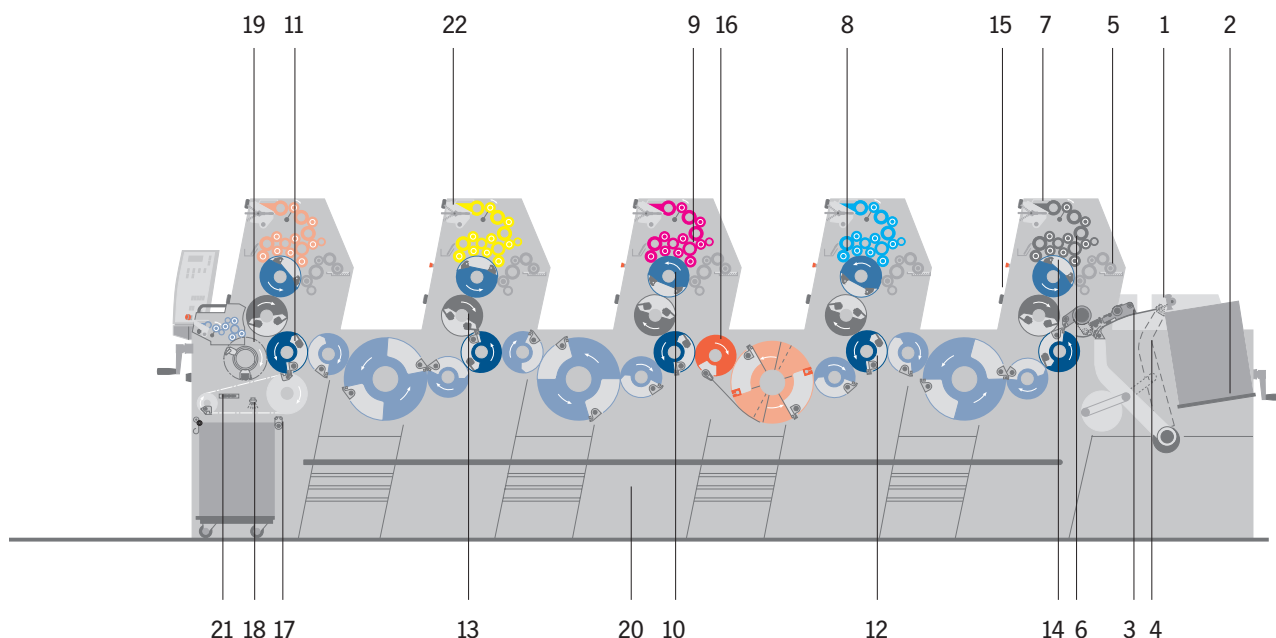
HEIDELBERG



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Quality Down to the Minutest Detail



Printmaster GTO 52

- 1 Simple-to-adjust, flexible single-sheet feeder
- 2 Integrated pre-loading device
- 3 Electropneumatic monitoring of missing, misaligned and cocked sheets; electromechanical and ultrasonic double-sheet detector
- 4 Central setting of side lays on-the-fly
- 5 Alcohol-free, continuous-film dampening system
- 6 High-volume inking system with storage capacity of 6.5 times the maximum printed surface area
- 7 Laser-slit ink fountain blade for optimized inking in 16 zones without any side effects
- 8 Four oscillating inking form rollers (option)
- 9 Variable start position for lateral oscillation to ensure continuous inkflow
- 10 Chromium-plated plate cylinder
- 11 Anodized impression cylinder with replaceable jacket for perforating
- 12 Impression cylinders (in perfector presses) have surface-enhanced cylinder jackets after sheet reversal
- 13 Corrosion-proofed blanket cylinder
- 14 Coarse adjustment of circumferential register of +50/-10 mm (+2", -3/8") on single-color models, 360° on multicolor models
- 15 Fine adjustment of circumferential and lateral registers on multicolor presses
- 16 Convertible for either straight printing or perfecting (option)
- 17 Sheet brake on multicolor models for precise delivery (option on single-color models)
- 18 Adjustable powder sprayer
- 19 Special devices for numbering, perforating and imprinting inline (option)
- 20 State-of-the-art safety features, CE- and GS-certified
- 21 Fans for reliable sheet delivery
- 22 ClassicCenter, remote control for ink and register

Features of the GTO 52

GTO 52-1	GTO 52-2	GTO 52-4	GTO 52-5	Description
1	2	4	5	Number of printing units
				Feeder
•	•	•	•	Single-sheet feeder
•	•	•	•	Pre-loading device
•	•	•	•	Electropneumatic monitoring of missing, misaligned and cocked sheets
•	•	•	•	Electromechanical and ultrasonic double-sheet detectors
•	•	•	•	Push-type side lay
				Dampening system
•	•	•	•	Continuous-film dampening system
◦	◦	◦	◦	Circulation and cooling (option)
				Inking system
•	•	•	•	16 rollers, including fountain roller
•	•	•	•	Laser-slit ink fountain blade
◦	◦	◦	◦	Oscillating inking form rollers (option)
•	•	•	•	Maximum lateral oscillation of 25 mm (1")
•	•	•	•	Start position for lateral oscillation can be set to any value
	◦	◦	◦	ClassicCenter
				Printing unit
•	•	•	•	Chromium-plated plate cylinder, undercut: 0.03 mm (0.002")
	•	•	•	Coarse adjustment of circumferential register through 360°
	•	•	•	Fine adjustment of circumferential register: ±2 mm (±0.08")
	•	•	•	Fine adjustment of lateral register: ±2 mm (±0.08")
•	•	•	•	Corrosion-proofed blanket cylinder (3 mm undercut) (0.1")
•	•	•	•	Anodized impression cylinder with replaceable jacket
	•	•	•	Impression cylinder with surface-enhanced cylinder jacket (on perfectors)
				Delivery
◦	◦	◦	◦	Basic setup for numbering and perforating
◦	◦	◦	◦	Numbering and perforating device
◦	◦	◦	◦	LACO coating unit (third-party)
	◦	◦	◦	Dryer (third-party)

• Standard ◦ Option

Certain options are standard in some markets. Various optional accessories help increase the performance of your Printmaster GTO 52.

Technical data

Formats

Largest sheet size	360 x 520 mm (14 ³ / ₁₆ " x 20 ¹ / ₂ "
Smallest sheet size (straight printing)	105 x 180 mm (4 ¹ / ₈ " x 7 ¹ / ₁₆ "
Perfecting	140 x 180 mm (5 ¹ / ₂ " x 7 ¹ / ₁₆ "

Largest printing area

	340 x 505 mm (13 ³ / ₈ " x 19 ⁷ / ₈ "
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Output

Maximum	8,000 sph
Minimum	3,000 sph

Inking systems

Form rollers	4 per printing unit
Diameter	49/45/47/51 mm 1 ¹⁵ / ₁₆ "–1 ²⁵ / ₃₂ "–1 ²⁷ / ₃₂ "–2"
Number of rollers	16

Dampening systems

Form rollers	1 per printing unit
Diameter	55 mm (2 ⁵ / ₃₂ "
Number of rollers	6

Pile heights

Feeder	400 mm (15 ³ / ₄ "
Delivery	400 mm (15 ³ / ₄ "

Every press comes with detailed documentation, including an operator manual, a spare parts directory, a circuit diagram, and technical information on press components.

The Printmaster GTO 52: A Modern Classic for Moving into Quality Offset Printing in A3 Format •

60,000 customers around the world have been relying for years on the Printmaster GTO 52. This new press generation continues the success story. A good thing has now been made even better.

The new Printmaster GTO 52: Essential qualities

A broad range of job types, more color, and a trend toward coating and enhancement of printed items – your customers' demands and expectations are growing all the time. If you want to successfully grow with them, a Printmaster GTO 52™ is the ideal tool. It's the right press for moving up into quality offset printing in A3 format.

Available in single, two, four and five color configurations, with sheet reversal for perfecting and a comprehensive range of optional accessories, it places everything at your fingertips for operating flexibly and cost-effectively in line with shifting market trends. For years, printers all over the world have relied on its proven technology for dependable production: while it prints, you can look after your business. To top it off, you have the comfortable feeling that goes with knowing there is almost nothing you can't print on the Printmaster GTO 52.

Boasting optimized ergonomics and extremely convenient, easy operation, it's simple for you to control and monitor the production process. The Heidelberg® name guarantees just the print quality and reliability that you expect.

Opt for a dependable and profitable investment in your future – place your trust in the world's most-sold printing press. By purchasing the new Printmaster GTO 52, you'll bring a modern, universal A3 press into your print shop.

The new Printmaster GTO 52: a secure investment in your future

Unrivalled versatility

- A proven universal press for a wide range of stocks and sheet sizes
- Prints up to five colors in one pass
- Diverse options for enhancing, coating, numbering and perforating
- Optional perfecting capability
- Easy, convenient operation for a broad range of jobs

Excellent print results

- Precise inking with a high-volume inking system and laser-slit ink fountain blade
- Stable ink/water balance with an alcohol-free, continuous-film dampening system
- Bearer-on-bearer cylinder running and helical gears for precise dot transfer
- Electronic sheet monitoring for highly reliable travel
- Extremely reliable production

Dependable quality for your future success

- Effortless integration of innovative components for prepress and finishing
- Modern, functional design
- Robust design for reliable continuous operation
- Highly cost-effective
- Long service life, high resale value
- Environmentally friendly, alcohol-free printing



Simple to Operate • The new Printmaster GTO 52 is so easy and convenient to operate that you can start earning money faster, right away.

The modern membrane keyboard is convenient and simple to use.



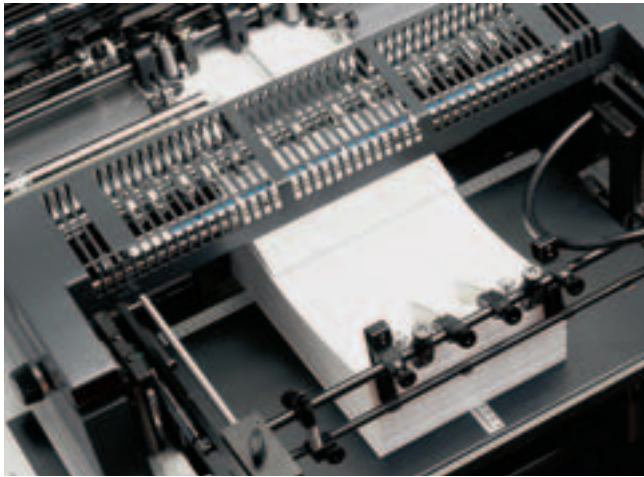
Modern design and ergonomics

The new generation Printmaster GTO 52 makes everything easy for you. At the central control console, you use logically arranged, user-friendly membrane keys to conveniently control all important press functions. All controls are ergonomically designed for exceptionally easy use. In virtually no time, you'll be familiar with this

technology and feel right at home using it. Ergonomics and design combine to enhance ease of operation and facilitate workflows. You'll find the newly designed Printmaster GTO 52 a joy to work with.

Five steps – and everything runs fantastically

The flexible single-sheet feeder is quick and easy to adjust to any stock.



The alcohol-free continuous-film dampening system quickly gives you a consistently thin film.



The plates are easy to change.



Laser-slit ink fountain blade allow you to quickly and precisely set the desired inking profile.



It's easy to adjust circumferential and lateral registers on-the-fly.



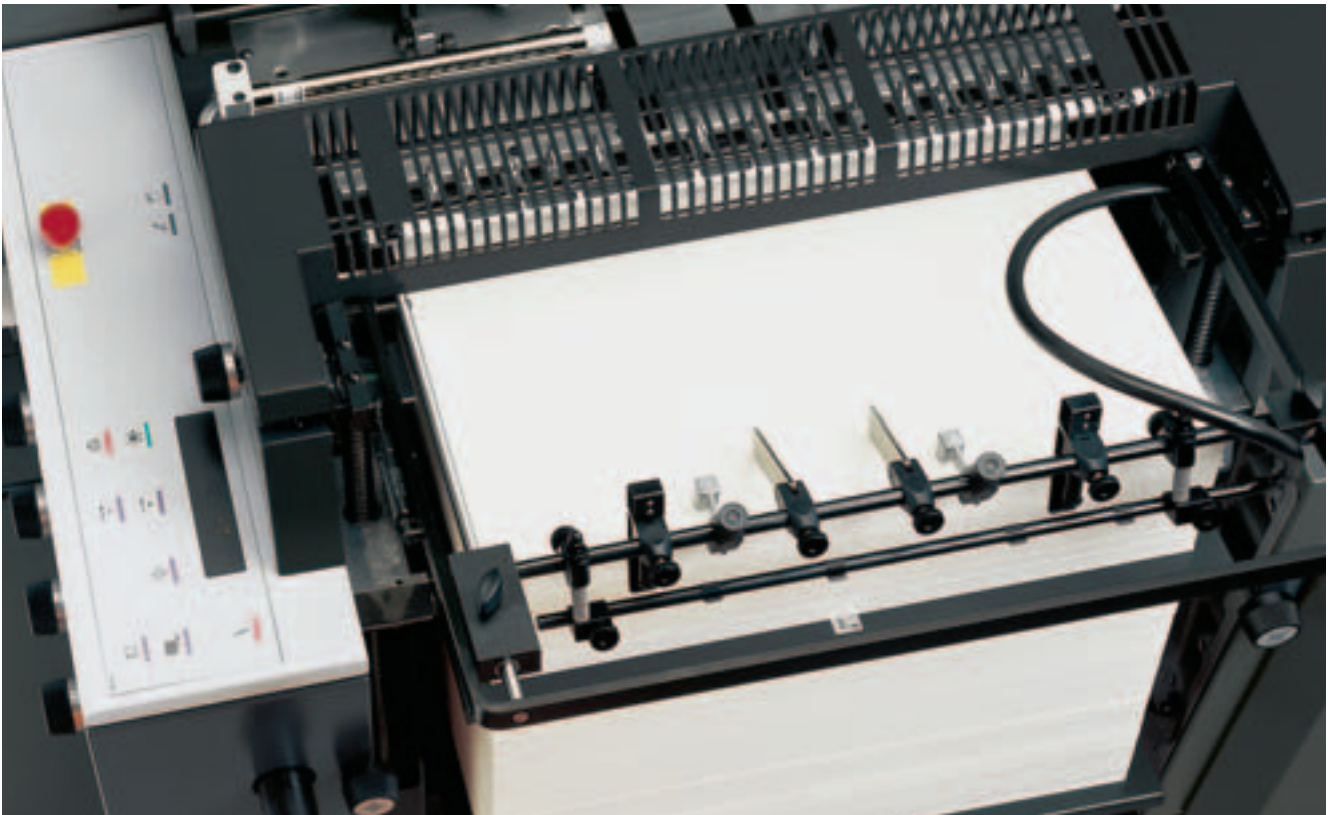
New details to make your work easier:

- “Crawl mode” forward and backward for quick manual plate changing
- Ultrasonic and electromechanical double-sheet detectors: Double security that only the GTO 52 offers you in this press class
- Dampening form rollers are automatically disengaged from the plate when the press goes off impression
- Automatic, central lubricating system
- Roller washup device engaged using a central lever
- Optional: circulation and cooling device for dampening system

Powerful and Versatile •

The single-sheet feeder is convincingly simple, and more than versatile enough for any job. It can feed an enormous range of stocks into the press dependably and gently, enabling you to meet virtually any challenge.

Simple operation, fast job changes and maximum security from the modern ultrasonic double-sheet detector are among the strengths of the GTO's single-sheet feeder.



Excellence down the line

Versatility is one of the most important attributes in multicolor quality printing. And it starts with the flexibility of the feeder. The single-sheet feeder of the new Printmaster GTO 52 is an universal genius, because it can handle virtually any job.

If you want to offer your customers fast delivery, you depend on being able to change jobs quickly and easily. Changes from paper to board, from very small sheets to envelopes – it's all quickly taken care of with this superbly engineered single-sheet feeder. Even unusual stocks such as specially shaped sheets are no problem. The single-sheet feeder of the Printmaster GTO 52 is an excellent investment toward your business success.

Simply everything

- Flexible handling of a vast array of formats and stocks
- Fast changes of sheet sizes and thicknesses
- Added security with mechanical detection of missing, misaligned and cocked sheets, plus ultrasonic double-sheet detection



The single-sheet feeder with its high versatility allows you to produce nearly any job.

Precise and reliable

When flexibility and quality are the order of the day, you can't go wrong with this single-sheet feeder. Its robust, rugged design ensures that sheets are separated and conveyed reliably and precisely. Scratching of preprinted sheets is prevented. The front lays are individually adjustable. And the side lay can be fine-adjusted steplessly to guarantee precise registration.

Play it safe

The Printmaster GTO 52 is the only press in its class equipped with both electromechanical and ultrasonic double-sheet detectors. This guarantees trouble-free production on all substrates. You gain additional security from the electropneumatic detector for missing, misaligned and cocked sheets.

Your benefits: Trouble-free sheet travel – even with opaque and transparent materials such as metal laminated papers and plastics.

Liven Up Your Business with Color • Here's the perfect combination to improve press performance. The harmonized inking and dampening systems of the new Printmaster GTO 52 will give you excellent print results, as well as satisfied customers.

Job inspections at the GTO 52 give you and your customers a taste of success.



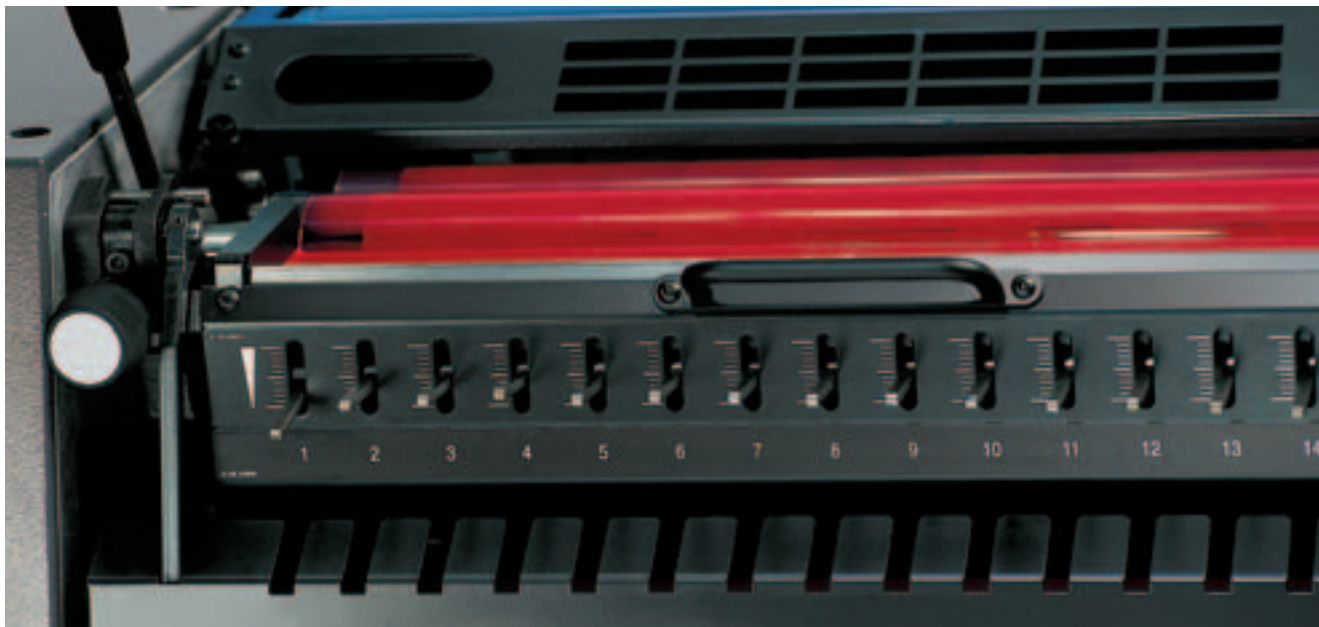
Perfect colors, fast and reliably

The GTO 52 has a lot to offer. Equipped with a large volume, 16 roller inking system including four form rollers, the main flow of ink is led onto the plate via the first two inking form rollers.

The storage capacity of the inking system is 6.5 times that required for the maximum printable area, thus ensuring excellent responsiveness and optimum coverage when printing solids.

The start time of lateral oscillation is adjustable to prevent inking from fluctuating when printing multiple-ups.

The ink fountain with laser-slit ink fountain blade permits adjustment of inking in 16 zones – virtually without side effects, quickly and precisely. The positions of the levers provide an inking profile at a glance.



Fast and easy to use – the laser-slit blade-type ink fountain of the Printmaster GTO 52.

Fast, easy cleaning

The ink fountain can be swung down to improve accessibility and make cleaning easy.

For cleaning the rollers, the wash-up device is inside the press. You simply use a lever to engage it to the inking system. The predefined contact pressure guarantees optimum wash-up results and minimum wear of the blade.

Oscillating inking form rollers

If you want to land the most lucrative and demanding jobs, you'd naturally like to make the most out of your press. With oscillating form rollers, even heavily inked motifs, which might be prone to ghosting are no problem. You can set the extent and starting time of lateral oscillation to meet specific requirements.

Alcohol-free printing with a continuous-film dampening system – forward-looking technology

Dispensing with alcohol in the dampening solution is an innovative step taken with the future in mind. Alternative additives reduce health hazards and environmental pollution while also saving costs.

The continuous-film dampening system of the Printmaster GTO 52 works with an emulsion. Instead of alcohol, another suitable additive is mixed with the water. This quickly achieves a stable ink/water balance.

When the press is stopped, all of the dampening form rollers automatically lift off the plate. After finishing a job, you can clean the dampening and inking systems at the same time. There's no need to remove the dampening

form rollers for cleaning. This saves time, and the press is ready for the next job much faster.

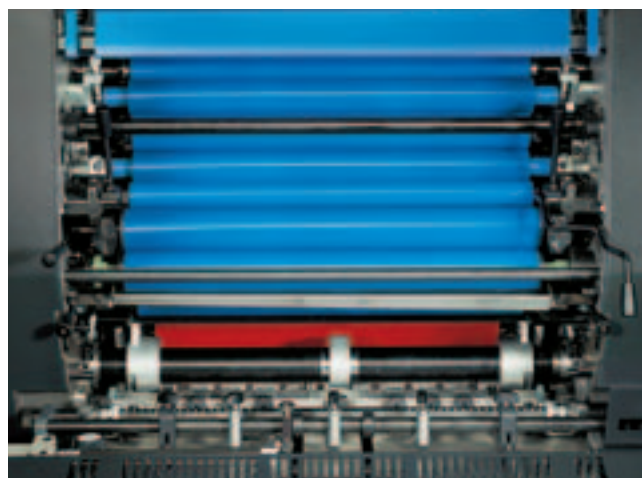
Circulation and cooling

The optional circulating and cooling system helps maintain consistently excellent production conditions in all printing units.

Thin film of dampening solution – fast finishing

The inking and dampening systems work in tandem to achieve optimum dot sharpness, produce brilliant colors, and shorten drying times. As a result, printed work goes for finishing sooner.

The inking and dampening systems are perfectly harmonized for optimum results.



Get Rolling with the New Printmaster GTO 52 •

All cylinders are manufactured to the finest tolerances and installed to ensure quality your own customers will appreciate.



Helically toothed gears and bearer-on-bearer pressure ensure excellent print quality.

Precision at every turn

The cylinders of the Printmaster GTO 52 are corrosion-proofed and coated to last a lifetime. The cylinders are manufactured within very tight tolerances to guarantee perfect rolling.

Quiet running for constant quality

Precision helical gears make sure the press runs extremely quietly. Bearer-on-bearer cylinder running, which is typical of all Heidelberg presses, optimizes rolling between the plate and blanket cylinders and ensures precise transfer of halftone dots. Due to rough chromium-plated transfer cylinders each sheet travels through without smearing.



The proven Heidelberg sheet-reversing system lets you turn jobs around faster and more profitably – in perfect register and top quality.

Sheet reversal: More profits on both sides

To boost profitability, it's essential to optimize production costs and maximize flexibility. With the optional sheet-reversing unit of the new Printmaster GTO 52, you are assured of both, because when you print both sides in one pass, you win time, you deliver faster, and you earn more money. The Heidelberg sheet-reversing technology has proven itself in all format classes for decades.

In the Printmaster GTO 52, each sheet is reversed with one gripper closure in 100% registration. The sheet is pulled taut at its rear edge to prepare it for reliable transfer. While this is going on, small suckers on the storage drum hold and smooth the end of the sheet to ensure consistent sheet travel.

Sheet reversal can take place after either the first or the second printing unit, depending on the type of press. Only a few simple steps are required to convert between straight-printing and perfecting modes.



Flexibility in the delivery, too – an optional extra drive allows you to add different special applications such as numbering and coating.

The delivery: Results are what count

Thanks to a sheet brake, delivery fans, sheet jogger and lateral sheet stops, each sheet is reliably deposited in the delivery. As a result, a neat pile is ready for dispatch or finishing.

Powdering with an adjustable powder sprayer prevents set-off between the freshly printed sheets in the pile. The length and width of powdering can be individually adjusted to each job.

Keep your options open

With the basic setup for numbering and perforating you keep all your options open. For instance, you could respond to new market trends by retrofitting an optional coating unit. Other options are also available.

The merits

- Precise press running and consistently high print quality, thanks to robust press engineering
- Helical gears and bearer-on-bearer cylinder running for perfect printing
- Sheet reversal in precise register for high cost-effectiveness in small format (option)
- Sheet brake and delivery fans for dependable delivery of the stock
- Adjustable powder sprayer

The ClassicCenter • Optional remote control for ink and register makes operating your Printmaster GTO 52 even more efficient.



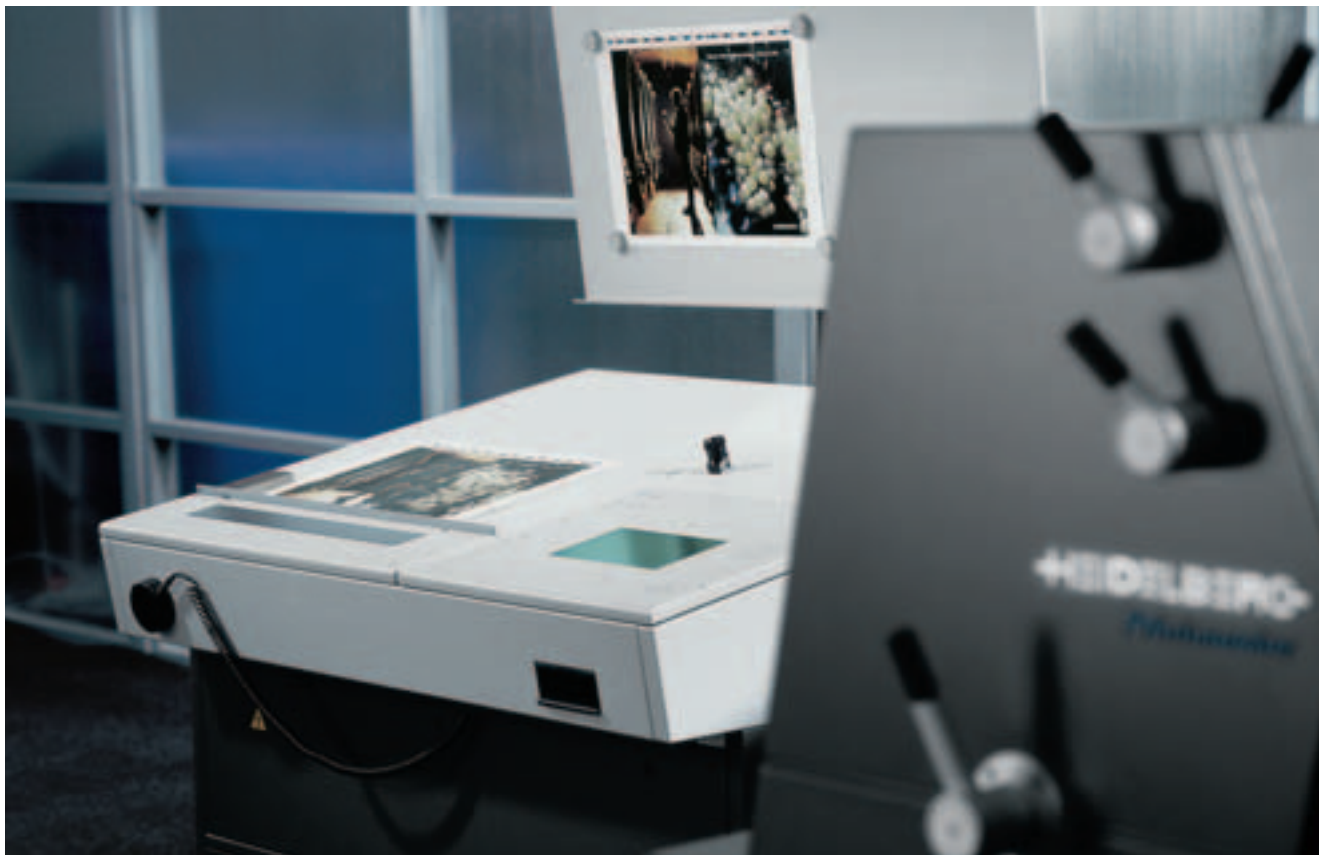
ClassicCenter – the ergonomic workstation for ink and register.

Even easier to operate

The control unit of the proven CP ink fountain is equipped with a new membrane keypad which makes the Printmaster GTO 52 even easier to operate.

The optional light pen lets you set the ink zones and ink fountain roller sweep quickly and easily, allowing you to arrive at the required quantity of ink faster than ever before.

Since quality is always paramount, the individual ink zones are displayed clearly and set with absolute precision. A fact ensured by no less than 13 coarse diodes and 32 fine diodes.



The ClassicCenter for the Printmaster GTO 52 – cutting-edge like the press itself.

Precise and clear setting

An additional control point for register adjustment on the control console ensures that circumferential and lateral registers can be set with complete accuracy in 1/100 mm increments. All sequences can be followed conveniently on a display.

The ClassicCenter™ is also equipped with a job storage card. This allows you to save repeat jobs and to reproduce these with ease and accuracy at a later time. The saved data includes all the ink zones of the individual printing units and the ink fountain roller settings. The user friendliness of the Printmaster GTO 52 goes far beyond the printing process itself.

Other clever features include the large areas for setting down the sheets and the additional drawers for tools and print samples on the control console which help keep the workspace tidy. For consistently high quality, the standard package also includes a sample sheet holder and a standard daylight lamp for ensuring the print sheet is illuminated correctly.

All these features combine to make the Printmaster GTO 52 even easier and more reliable to use.

A clearly arranged display makes the operator's job easier.



Everything at a glance

- Simple operation
- Repeat orders can be saved
- Reliable ink and register control enhance the print quality
- Color profiles can be set quickly, ensuring shorter setup times
- Clearly arranged display

The Printmaster GTO 52 has even more in Store •

Make the most out of your GTO 52: Maybe the fifth color and coating capability are the trump cards your business needs and, with the added flexibility to number and perforate in a single pass, you can win even more jobs.

A fifth color = Greater profits

The fifth printing unit makes the new Printmaster GTO 52 even more versatile.

For example, it lets you print that special corporate color, or a spot color, in addition to the four process colors in one pass. Or, you can use the fifth printing unit to put down a coating. It opens up a considerable range of possibilities at moderate investment costs.

Work it out – compared to a four-color press, you save production time, you can handle a wider range of jobs, and work can proceed sooner to finishing.

Mobile coating unit – brilliant prospects for your business

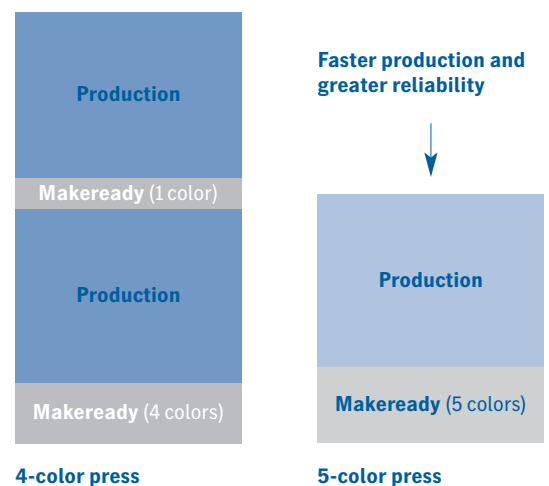
More and more customers want coatings – both to protect and to enhance their printed items. This is an opportunity for you to expand your business while winning new customers. In short, coating reaps good rewards.

This especially applies to the LACO inline coating unit for the Printmaster GTO 52. It can apply aqueous, UV, and blister coatings. Whether you want to provide all-over coating or decorative spot coatings, it's the ideal tool.

The coating unit is driven by the basic numbering setup. When the press is stopped, the coating unit's own drive keeps the coating circulating to prevent it from drying.

A three-roller system guarantees application of a coating film of consistent thickness. The coating rate can be set anywhere between 2 and 10 gsm.

5/0 print job



* Example: 5/0 printing, DIN A3, 2,000 copies

Faster with an IR dryer

With an additional IR dryer you can finish up your print jobs even faster. You'll cut down on powder consumption while dramatically shortening drying times.

This will let you do work-and-turn faster or proceed straightaway to finishing. Even with heavy coatings, you don't have to worry about the printed sheets sticking together.



Mobile inking unit for numbering adds versatility.

Numbering and perforating made easy

Tickets, checks, invoice forms, stock certificates, order slips – with the numbering and perforating device, you can handle these jobs effortlessly on your GTO 52.

The numbering shaft can be fitted outside the press with up to 35 convex or 56 straight numbering boxes. This saves time while boosting productivity.

Numbering and perforating capabilities extend the range of uses of the GTO 52.



Where perforating is concerned, you have a choice: You can do cross perforation in the delivery, and length-wise perforation can be done either before the last printing unit or in the delivery. The mounts for length-wise perforation can also be fitted with wheels for creasing or cutting.

Giving you total flexibility to meet all your customers' wishes.

Even more possibilities for you

Many external supplier companies are also committed to the Printmaster GTO 52 and offer a broad range of accessories for it. This is something that you and your customers can profit from. Talk to us!

Flexibility – your key to success

- Offer your customers coatings and more spot colors. You can add more value by producing more attractive products
- Once you are equipped with the option for numbering, imprinting and perforating, you are better placed to compete for more jobs

Printmaster GTO 52 – Your Path to Success •

Investment decisions are never easy. Many things have to be taken into account.

In order to invest successfully, you should carefully base your decisions on the unique requirements of your operation and job mix. It takes the right press to maximize your profits.

The following checklist will help you and your Heidelberg consultant to find the best solution for your business.

Business and operating situation

	Today	Forecast trend ↑ Increasing → Stagnation ↓ Sinking		
• Present capacity utilization of your equipment				
• In prepress	%			
• In printing	%			
• In finishing	%			
Please keep in mind:				
• Where do bottlenecks frequently occur? Think about the impact of the planned investment. Prepress, printing and finishing need to be coordinated.				
• If you are planning to extend your printing capacity, keep in mind that your press fleet should be geared to your job volume. How many jobs will you be able to win in the future?				
• Major capacity increases shouldn't lead to presses standing idle, which will cost you dearly. Instead, the machines need to be filled up with a corresponding number of new jobs. The quality and reliability of a press is often more important than cutting three minutes off makeready.				

Job mix

	Today	Forecast trend ↑ Increasing → Stagnation ↓ Sinking		
• How many jobs do you handle each year?	/year			
• What is the average run length?	/sheets			
• What percentage of these jobs are:				
• Single-color?	%			
• Two-color?	%			
• Four-color?	%			
• Five-color?	%			
• Above what percentage of jobs would perfecting be profitable?	%			
• What share of jobs calls for numbering, imprinting or perforating?	%			
• How many of your customers have wanted spot or overprint coating at one time or another?	%			
• How many of your customers could pay an extra charge for coating?	%			
Please consider:				
• The trend today is toward more color, greater quality and coatings. With the Printmaster GTO 52, you're equipped to meet all of these challenges. By switching from a two-color press to the GTO 52-4, you can produce multicolor jobs cost-effectively in one pass.				
• With the GTO 52-5, even spot colors are no problem. Heidelberg's proven perfecting system and the retrofittable coating unit for aqueous, UV and blister coatings open up new applications for you.				

Your future development

• How do you expect your customer base and job mix to develop in the future?
• Do you want to remain flexible for producing all kinds of jobs in the future, or could it be more profitable for you to focus on certain job types?
Please consider:
• The future orientation of your operation is a key criterion for selecting a press. You can only develop new fields of business if you offer the appropriate capabilities. The Printmaster GTO 52 opens all doors for you.
• Numerous optional features of the Printmaster GTO 52, from both Heidelberg and other companies, enable you to perform many special applications and gain a competitive edge.
• With a Printmaster GTO 52, you're investing in a forward looking press that will ensure your ability to produce reliably at all times.

Cost-effectiveness of the Printmaster GTO 52

- Future-oriented with alcohol-free printing – saves money and protects the environment
- Logical, simple operating concept for fast job changes
- Produce reliably, thus saving time

- Excellent print quality for many years, thanks to robust press engineering
- A sound investment in proven Heidelberg technology
- High resale value

The Right Solution • Interviews with experienced users show that the Printmaster GTO 52 delivers on its promise in practice. Let's hear what some of them have to say:



Detlef Klepsch, coordinator in charge of lamination and finishing at Bundesdruckerei GmbH in Berlin, the German government's official print shop:

"Our custom-tailored GTO 52 optimally meets the stringent security requirements."

For producing EU driver's licenses in card format, the Bundesdruckerei GmbH in Berlin ordered a Printmaster GTO 52 equipped with various special features including a rainbow printing device, UV inking rollers and blankets, a UV dryer, and inking system temperature control. This makes it a truly universal press that can be used for indirect letterpress, waterless offset, and wet offset printing.

"We handle our entire workload with the GTO 52. Fast makeready and changeover, excellent registration, and use of foils and special colors, plus superb output and stable running make it a press we can rely on completely," explains Detlef Klepsch. Up to one million EU driver's licenses in card format are printed each month on the GTO 52.



Antimo Ponticelli, owner of the Grafiche Ponticelli s.p.a. printing company in Cassino, Italy.

Grafiche Ponticelli has set itself the goal of becoming one of the most highly acclaimed printing companies in central and southern Italy.

And owner Antimo Ponticelli attributes his great success so far to several factors: Quality, service, and flexible responses to customer wishes.

"In order to work effectively, we need a press that is able to print five colors in one pass in top quality." The Printmaster GTO 52-5 meets these requirements, handling all jobs without leaving any wishes unfilled.

"It isn't easy to find really good people around here. So you need an absolutely reliable press that is easy to operate and that practically every operator has worked with before. The GTO 52 is virtually legendary in terms of reliability, print quality, and ease of use."

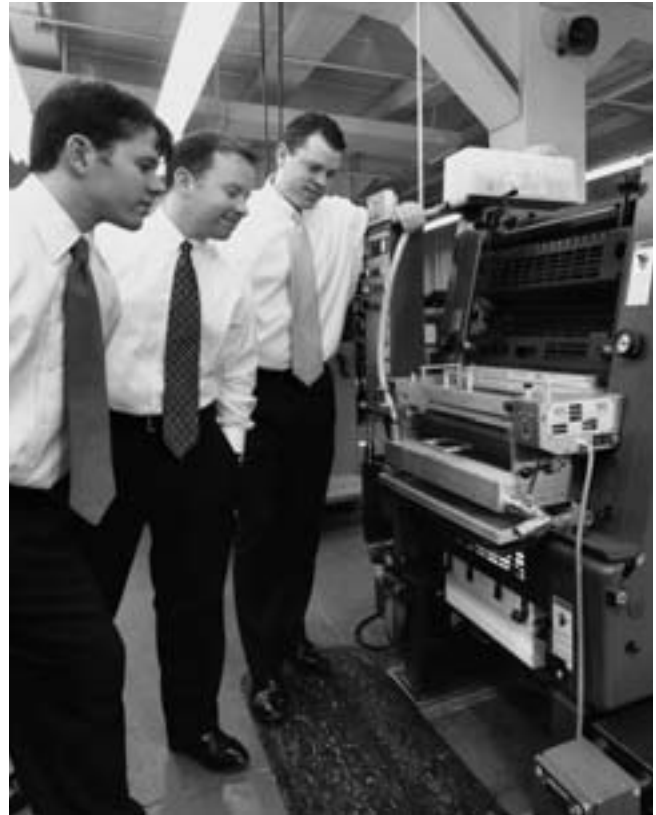


Günther Bork, owner and manager of the Druckerei Bork print shop in Griesheim, Germany.

"I need a press that is both versatile and suited for meeting my long-term needs. The GTO 52 gives me the flexibility to produce whatever the market wants – for example, short runs in a minimum of time, with multiple colors and in many cases with coatings as well."

The investment in a four-color Printmaster GTO 52 with perfecting capability, inline coating unit and IR dryer has enabled Bork's family-run operation to quickly recover its investment and then some. The GTO 52 is the only press in its format class for which a retrofittable coating unit is available. And the print shop owner is especially enthusiastic about the inline coating unit, which opens up a whole raft of new applications. It has enabled him to perform inline finishing without having to move up into the next-larger format class.

"Now I can offer much more attractive prices, which allows me to keep my present customers while winning new ones," says Bork happily. "The Printmaster GTO 52 is ideal for my needs and clientele. All I can say is, it's just right!"



James, John and Michael Reardon, owners of Rosemont Press in New York City, USA.

Rosemont Press in NYC uses a five-color GTO 52 to produce top-quality multicolored jobs in short runs for customers including banks, advertising agencies, telecommunications companies, and pharmaceutical enterprises.

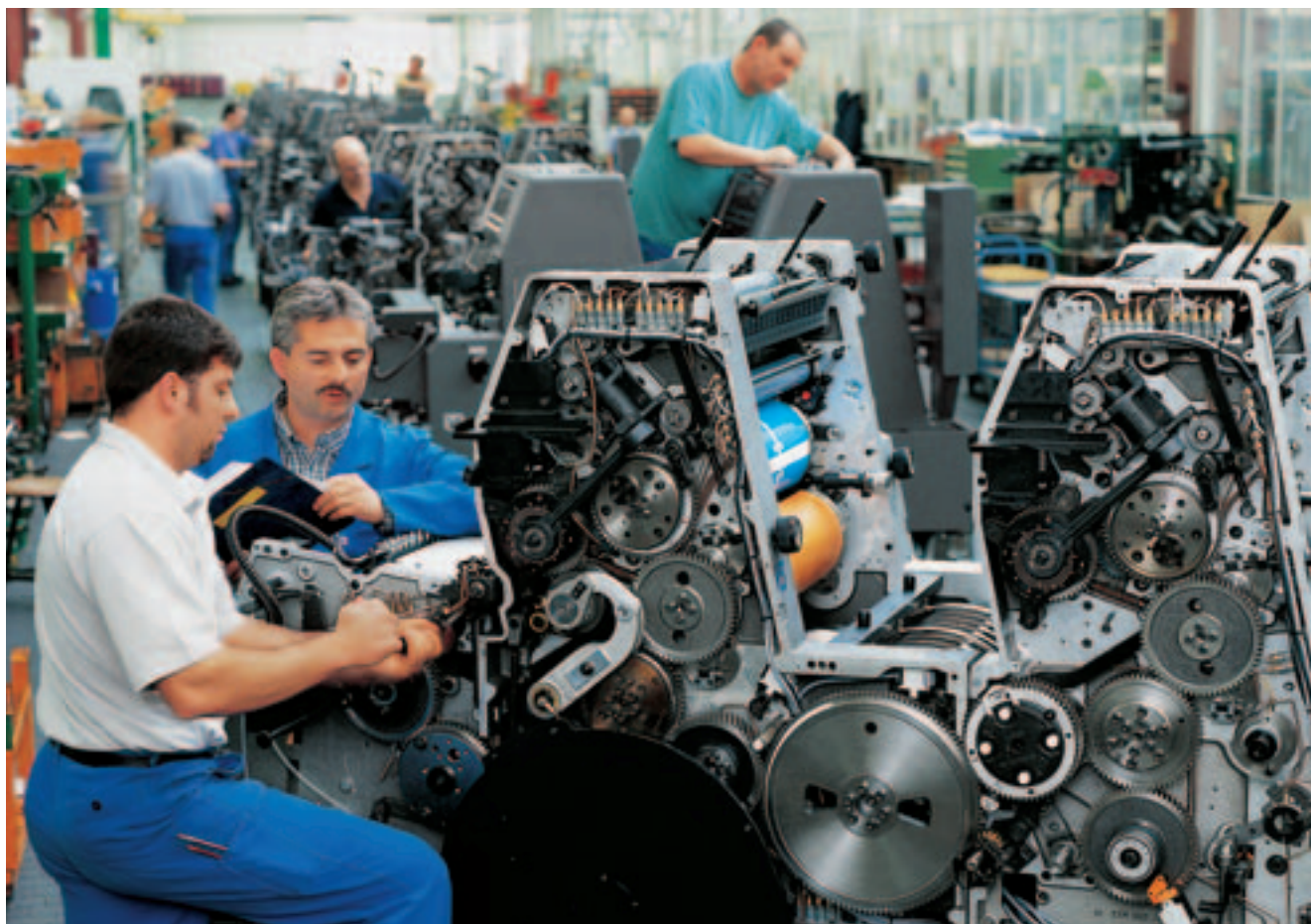
"Fast makeready on short runs, excellent print quality, inline coating – I'm very satisfied with the performance of the GTO 52. Day after day, it lives up to its reputation as a quality press. The extra investment in the LACO coating unit has really paid off, because it grants me an important competitive edge. It allows us to apply glossy, high-gloss, and matte coatings to meet all of our customers' expectations," says James Reardon.

At Rosemont Press, the customer always comes first. Top quality and comprehensive service are the factors driving the success of this family-owned printing company.

Heidelberg Quality Knows No Compromises •

GTO – three letters that stand worldwide for quality, robust press engineering and reliability in offset printing. The basis for your success.

Nearly 100,000 GTO printing units have so far been built, assembled and completely test-printed at our Wiesloch plant before delivery to customers.



Competent employees, a certified quality system, and many years of experience in building printing presses are behind the excellent reputation of the GTO 52, and will continue to guarantee first-class products in the future.

Reliable technology is the basis for every printer's success. Heidelberg is acutely aware of this responsibility. Computer-controlled manufacturing and sophisticated assembly procedures enable a level of quality in mechanical engineering that is acknowledged worldwide.

Every press is test-printed in compliance with internationally acknowledged quality standards before being dispatched, and doesn't leave the factory until all requirements are fulfilled 100%.

Employees who are masters of their trade

Standards and procedures are only as good as the people who apply them. Heidelberg therefore invests continuously in training its employees. Our in-house Heidelberg Quality Management (HQM) system integrates all "Heidelbergers" into a system of continual improvement. This is how we ensure that our customers always get what they expect from Heidelberg – namely, uncompromising quality.



Modern production techniques and extremely close tolerances boost print quality and service life.



All steps that go into manufacturing and assembling Printmaster GTO 52 presses are continually monitored within the scope of an ISO 9000-certified quality system.

Wiesloch – the world's largest printing press factory

Our Wiesloch plant, just a few miles south of Heidelberg, is the largest printing press factory in the world and the “birthplace” of the Printmaster GTO 52. From here, presses are dispatched to destinations around the world every day. All steps involved in production and assembly

Wiesloch: alongside the world's largest printing press factory, Heidelberg operates its ultramodern world logistics center for spare parts.

have been certified as complying with the international ISO 9000 standard and are designed to ensure consistently flawless quality. But that's not all.

In addition to consistent top quality of all production processes Heidelberg also ensures the environmental compatibility of all production processes by means of an independent testing body – for the sake of the environment.



Heidelberg – Solution 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 is firmly on the customer. Heidelberg provides custom-designed printing solutions for large and small companies.



Modular Solutions from Heidelberg

Production routines are growing more complex and demanding. No two jobs are alike anymore. Customers are demanding better quality and more value. These are the reasons Heidelberg is committed to a modular solutions concept: from prepress to finishing, and from individual products to complex workflows.

The goal is to deliver solutions tailored to each customer's unique challenge and markets. Solutions are the concept, and customer focus is the guiding principle.

Printmaster – a productive family

Against this background, it is definitely worthwhile to think about other presses in the Printmaster family. Every machine delivers convincing print quality, cost-effectiveness, and reliability to the highest possible level – at a moderate investment volume.

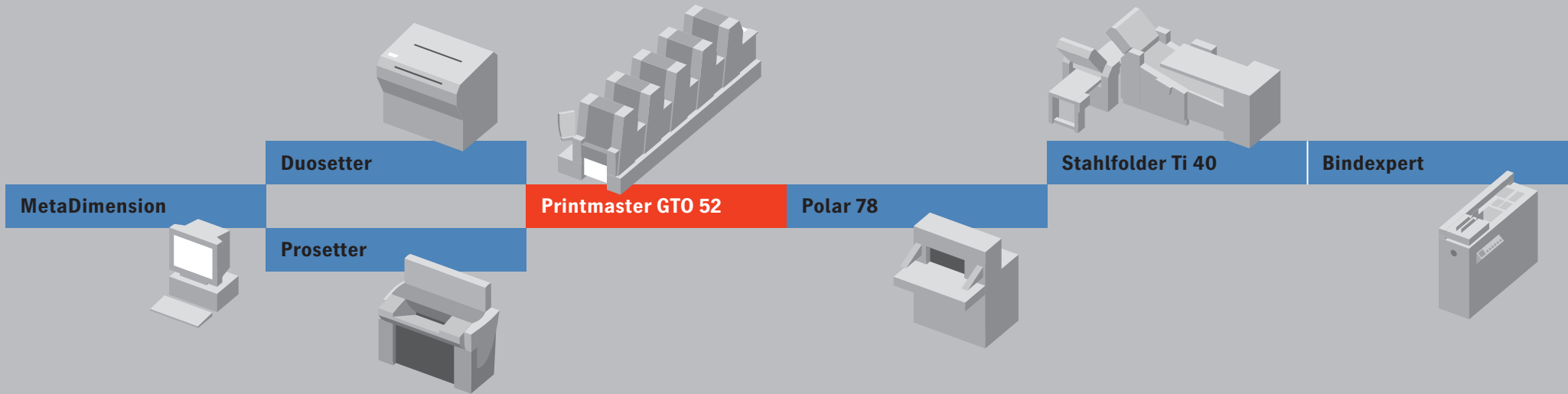
Heidelberg offers the Printmaster presses GTO 52, QM 46 and PM 74 as entry-level solutions designed to let you gradually expand your job volume and financial investment.

Multicolor Printmaster GTO 52 models can be ideally supplemented by a Printmaster QM 46. With this superb combination, you can maximize your profits by printing high-quality multicolor jobs on the Printmaster GTO 52, and single and two-color commercial work on the Printmaster QM 46.

MetaDimension, Heidelberg's RIP and workflow solution, will boost your PDF productivity. Giving you files that are easier to work with, greater stability and unrivalled speed. The software is modular and can be matched to your specific workflow requirements. Your MetaDimension can include OPI, trapping, color management, innovative screening, impositioning, PPF link and proofing solutions, just as you prefer.

Thanks to its enormous versatility, first-class quality, absolute reliability, and an array of extension possibilities, the Printmaster GTO 52 meets all of your customers' needs in small-format commercial printing.

The Stahlfolder Ti 40 Proline is an easy-to-use buckle folding machine for small offset. Its compact footprint and complete flexibility meet the particular needs of printshops on the A3+ market. Equipped with technology borrowed from the "big ones" it is ideal for professional applications.



General commercial printers must be able to offer excellent quality and high throughput if they are to meet market needs. The Prosetter 52 is the ideal platesetter for optimum growth in the segment. High stability and register accurate imaging quality are ensured through semi-automatic plate handling and the possibility of using modular punches. This gives you high production quality and efficiency achieved through short setup times.

The Polar 78 is a proven high-speed cutting machine for a wide range of different materials. All important functions are program-controlled for a high degree of automation.

The Bindexpert is a perfect unit for fast, flexible binding of brochures, blocks and signatures. It is equipped with two exchangeable glue pots, one each for cold glue and fast-drying hot glue.

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.

Heidelberg provides complete solutions covering the entire printflow, from prepress to press and postpress.





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