



The reliable solution. **Speedmaster SX 74.**



We accompany you. On your journey into the digital future.

For over 160 years, Heidelberg has prided itself on having a vital edge. That's why print shops all over the world trust our expertise and experience. Now they are also looking to us to help with the digital transformation of their business. As a reliable partner and technology pioneer, we create added value. We do so by providing printing systems that use Push to Stop technology for autonomous, top-quality production and data-supported services. Services that are paving the way to the Smart Print Shop – the digitally connected, intelligent, highly automated print shop of the future. For better decisions, higher productivity, and enhanced efficiency.

We laid the foundations 15 years ago by creating presses that were connected online and analyzing the data to boost performance and availability. Today, we offer you an entire ecosystem for digitizing value creation at print shops. As well as smart services such as predictive maintenance. You also benefit from trendsetting business models such as pay-per-outcome. Under this model, Heidelberg provides all the necessary equipment, software, consumables, and services. You simply pay for the number of sheets printed – for “productivity on demand” that can be flexibly adapted to your requirements. We call this “Simply Smart”.





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Reliable and good. Speedmaster SX 74.

The Speedmaster® SX 74 is our reliable solution for the medium-size format range for economical printing of traditional print jobs like brochures and advertising mailers. Equipped with the latest technology, it provides flexible processing of different production run lengths.

Invest in a press that is both powerful and proven: with short makeready times, printing speeds of up to 15,000 sheets per hour, and optionally with high-pile delivery, perfecting press, or UV technology, the Speedmaster SX 74 is designed for high productivity at all times.

It makes it easy for you to stand out from the competition with reliable quality. Thanks to the Prinect Press Center® 3 control station, it is easy to operate and can be integrated into the Prinect® workflow. Its energy efficiency and resource-efficient use of materials have a positive impact in terms of both the environment and costs.

Another plus: each Speedmaster SX 74 is backed up by the comprehensive service offering from Heidelberg®. This enables you to get the most from your printing press at all times thanks to maintenance, remote functions, perfectly coordinated consumables, and an international service and spare parts network.

Count on the Speedmaster SX 74 and enjoy the confidence of a triple investment: in a press that will retain its value, in top quality, and in outstanding economy.

Leader in the printing process.

8 clear benefits.

Makeready



300

hours more productivity per year thanks to **fast plate changes** with AutoPlate Pro.

Navigated printing. Just

2 clicks

to select and release jobs for printing.

Protective liner instead of metal. Just **1 minute** instead of four minutes to clean the ink fountain.

Productivity

100 %

Transparency even with complex job changes by the innovative, navigated user guidance Intellistart 3.

0 minutes wait time. Straight into postpress without any drying time thanks to **UV technology**.

Combined blanket and impression cylinder washup device with customizable washup programs. Results in **annual** cost savings of up to

70 %

compared with pre-impregnated cloths.

Quality

100 %

color fidelity in production, less paper waste, and easy reproducibility thanks to **colorimetric** control with Prinect Easy Control.

Over

40,000

printing units sold: **perfect technology** for the commercial printer.

Greater success in the market. Optimizing OEE increases your profitability.

With the drupa 2020 generation, Heidelberg offers you the most highly automated and most intelligent Speedmaster yet. The smart machines take advantage of the huge spectrum of digital possibilities. The result: outstanding productivity and a significant increase in overall equipment effectiveness (OEE). Heidelberg's Push to Stop philosophy raised to a whole new level.

The future of industrial printing

Integrated communication along the entire process chain is the future of modern print production. The key to this is digital connectivity with the Prinect print and media workflow.

OEE – the key performance indicator for productivity

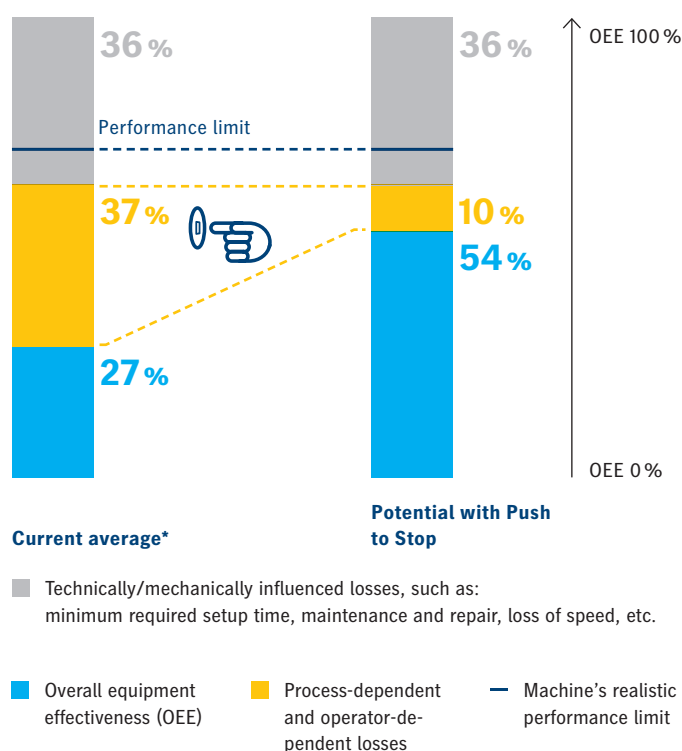
The availability, performance and quality of a production system determine how effectively it is operated in practice. The average OEE across all format classes is currently around 20 percent, while the Speedmaster XL 106 with Push to Stop already has an OEE of 27 percent. By implication, it is still possible to raise efficiency by 73 percent. Around half of this potential is tied to technical aspects (gray bar), while the other half relates to processes and operators (yellow bar). While technical improvements have only an indirect effect on OEE, improvements relating to processes and operators directly raise the OEE and offer the greater addressable potential at the same time – with Push to Stop, Heidelberg is focusing precisely on this potential.

Impact of Push to Stop on OEE

The machine's intelligence minimizes the operator's influence on performance. Productivity is increased, processes are sped up, and become plannable and reproducible. The operator is navigated through the processes at a modern and attractive workstation, and in this way is better equipped to handle the greatly increased day-to-day requirements. Push to Stop on a new level.

Increasing overall equipment effectiveness (OEE)

Significant reduction of process-dependent and operator-dependent downtimes through Push to Stop.



*OEE analysis 2020 Speedmaster XL 106 and a run of 4,600 sheets

Printing has never been so easy.

The new Heidelberg User Experience.

Immerse yourself in the new world of the Heidelberg User Experience (UX): completely rethought and clearer than ever before, it sets new standards for the user experience on the Speedmaster. The Prinect Press Center 3 with the new Speedmaster Operating System simplifies operation through one-of-a-kind navigation and new assistance systems, thus ensuring predictable results and increased performance.



A clear view for quality and precision

Heidelberg UX is the holistic and intuitive operation of all Heidelberg touch points. Intelligent assistants and a uniform user interface reduce complexity and simplify production processes.

Focus on you, the user

The Speedmaster Operating System with intuitive touch control turns the convenient control of the new Speedmaster into an experience. Settings can be called up with a click, and the scalable operation can be flexibly adjusted in accordance with the requirement profile. Intuitive operator guidance, innovative gesture control, and integrated help functions eliminate lengthy searches.

The Speedmaster Operating System delivers fast, simple and navigated use of all your machine's functionalities.

The most intelligent Speedmaster yet – assistants for key processes

Integrated assistance systems make your work easier. They look after routine tasks and ensure reproducible results.

Push to Stop – reliable performance day after day through one-of-a-kind navigation and automation

For the first time, navigated printing with Push to Stop is possible on all Speedmaster machines. The patented Intellistart® 3 defines all the steps required for the job change without any operator intervention and provides maximum transparency across all active and queued processes. Intelliguide® simulates the time-optimized sequence live and, if necessary, also includes the steps to be executed manually.

What this means is a new era of navigated printing with Push to Stop.

Perfect data and color management with Prinect

The Prinect Press Center® 3 links the printing press to the print shop's Prinect® workflow. Job data can be

Outstanding characteristics.

The facts at a glance.



Equipment:

- Prinect Press Center 3 control station with intuitive operator guidance system Intellistart for fast and process-oriented setup and extremely user-friendly operation.
- Prinect Easy Control or Prinect Image Control color measurement systems for reliable and standardized print production.
- AutoPlate Pro fully automatic plate changer shortens makeready times, giving the operator more time for other productive work.
- Automatic washup devices with demand-based, programmable washup programs for best results.
- Freely accessible gallery offers space, comfort, and safety for all tasks that have to be carried out.
- Highest print quality at a maximum printing speed of 15,000 sheets per hour.
- Customizable with two to five printing units, optionally with perfecting device, high-pile delivery, and UV technology.
- Highly automated design for fast makeready and economic production of different run lengths with changing substrates.
- Process optimization and greater efficiency through integration into the Prinect print shop workflow.

→ You can find the technical data for the Speedmaster SX 74 here: [heidelberg.com/sx74/technical-data](https://www.heidelberg.com/sx74/technical-data)

Always ready for new applications. The Speedmaster SX 74 reliably prints a wide range of substrates and grammages in 50×70 cm (19.69×27.56 in) format. Designed with high flexibility for top quality and short makeready times, it provides a cost-effective way of producing traditional print jobs.

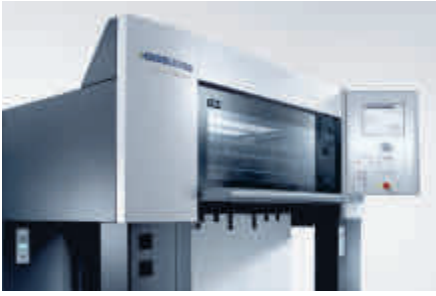


Print Site Contracts.

Lifecycle Smart & Plus:
Partnering for flexibility.

With Lifecycle Smart & Plus, we supply you with everything you need for your print shop: services, spare parts, consumables and software. Working closely with you, we put together the products that most precisely match your requirements – choosing the scope, quantities, service level and billing mode that best fit your business. So you always have exactly what you need to stay commercially flexible and responsive.

→ **Find out more:**
heidelberg.com/en/printsitecontracts



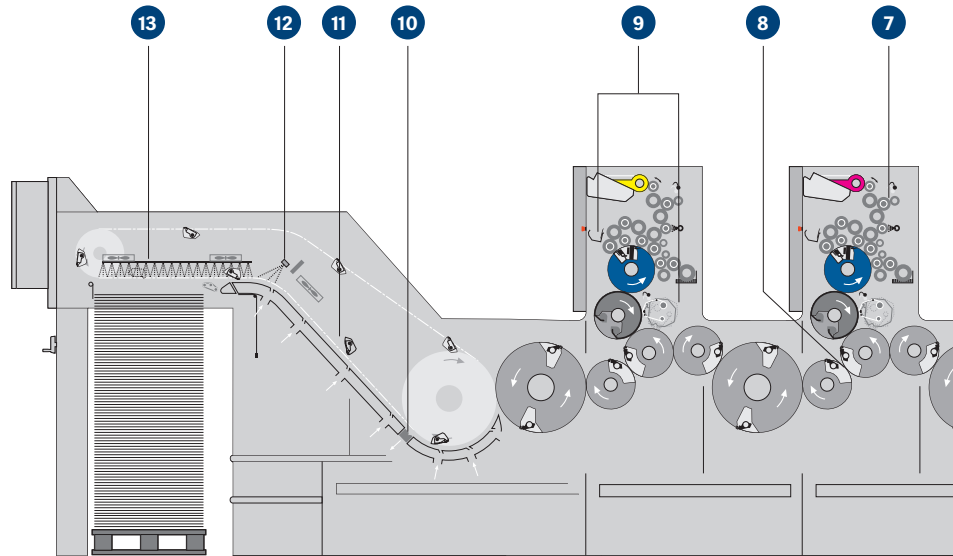
Highly automated high-pile delivery for long runs, markless sheet guidance, and best accessibility.



Compact standard-pile delivery with small footprint, specially designed for short and medium runs.



Comfortable operation thanks to freely accessible printing units and a wide gallery running along the side.



Speedmaster SX 74-5-P-H. The press shown is a sample configuration. Some of the equipment features mentioned are optional.

1 Feeder

- Automatic presettings at the feeder reduce the makeready times. A central suction tape ensures steady sheet travel.

2 StaticStar Compact

- The antistatic technology minimizes the electrostatic charge of the sheets and optimizes the sheet travel for high production speeds.

3 Film dampening unit

- The speed-compensated Alcolor® film dampening unit with Vario function prevents hickies and stabilizes the ink-water balance for optimum print quality.

4 AutoPlate Pro

- Fully automatic plate changes minimize makeready times and simplify operation.

5 Perfecting device

- The perfecting device with fully automatic changeover from straight printing to straight printing and perfecting ensures optimum quality and high productivity.

6 Color Assistant Pro

- The color assistant optimizes coloring thanks to self-calibrating ink zones and automatic adaptation of the characteristic profiles.

7 Inking unit temperature control

- The inking unit temperature control ensures constant production conditions and stable print quality over the entire production run.



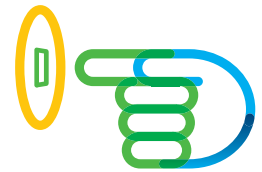
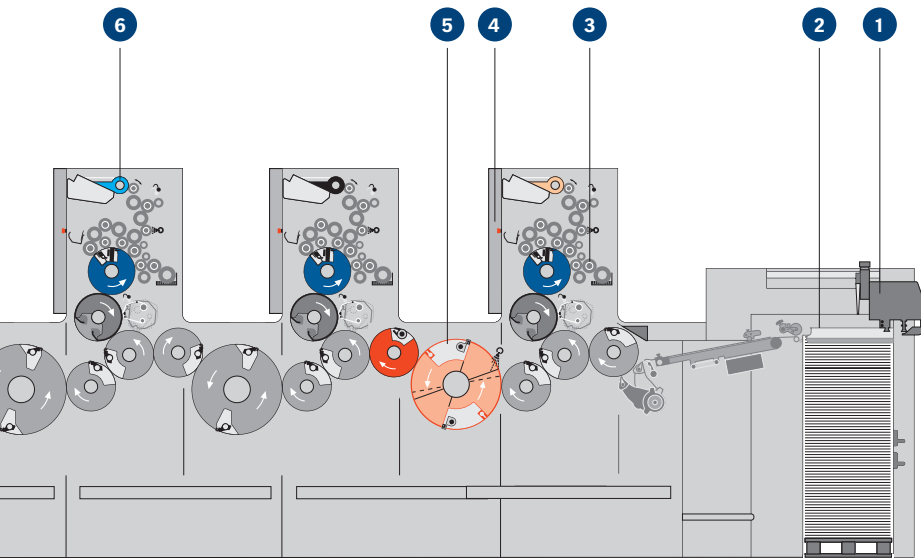
Consistent quality on the front and back sides thanks to the perfecting device with TransferJacket Blue and PerfectJacket Blue jacket technology.



Short makeready times and stable coloring thanks to a unique inking unit and dampening system with a wide range of presets.



Suction tape at the feeder of the Speedmaster SX 74 – for precise paper separation and sheet transport.



Push to Stop.
The key to the
Smart Print Shop.

8 TransferJacket Blue

- The replaceable cylinder jacket ensures gentle sheet travel and greatly reduced cleaning thanks to its lotus effect that repels inks and coatings.

9 Automatic washup devices

- Automatic inking roller washup devices and program-controlled blanket washup devices for blanket and impression cylinders ensure the best washing results.

10 Air-supported sheet guidance

- Venturi nozzles in the sheet plate guide the sheet without contact on an air cushion, eliminating the risk of scratches and marks.

11 UV preparation

- Flexible application options for various UV applications.

12 PowderStar

- The powder spray device ensures reliable quality thanks to uniform and targeted powder application.

13 High-pile delivery

- The high-pile delivery is easy and convenient to operate thanks to its ergonomic control panel with jogwheel. Its precise pile formation creates the best conditions for fast finishing.

→ You can find more about the details of your Speedmaster here:
heidelberg.com/en/sx74



Modern working environment on the Princt Press Center 3 with 24-inch multi touchscreen and LED standard daylight lamp for optimal sheet coordination.



Consistently ergonomic design for easy operation.

transferred and also made available in an automatically defined sequence. The production data is returned fully automatically. This enables you to benefit from excellent data management, one-of-a-kind presettings, up-to-date production data, and informative reports.

Various Prinect color measurement systems are available to you for optimal, reproducible color stability and minimum paper waste. As the most economical system in its class, Prinect Easy Control is the ideal entry point into spectral measuring technology. The Prinect Image Control® 3 high-performance color measurement system offers you optimal quality throughout the entire print image. All color measurement systems are perfectly integrated into the workflow via the central color database and provide automated color reports.

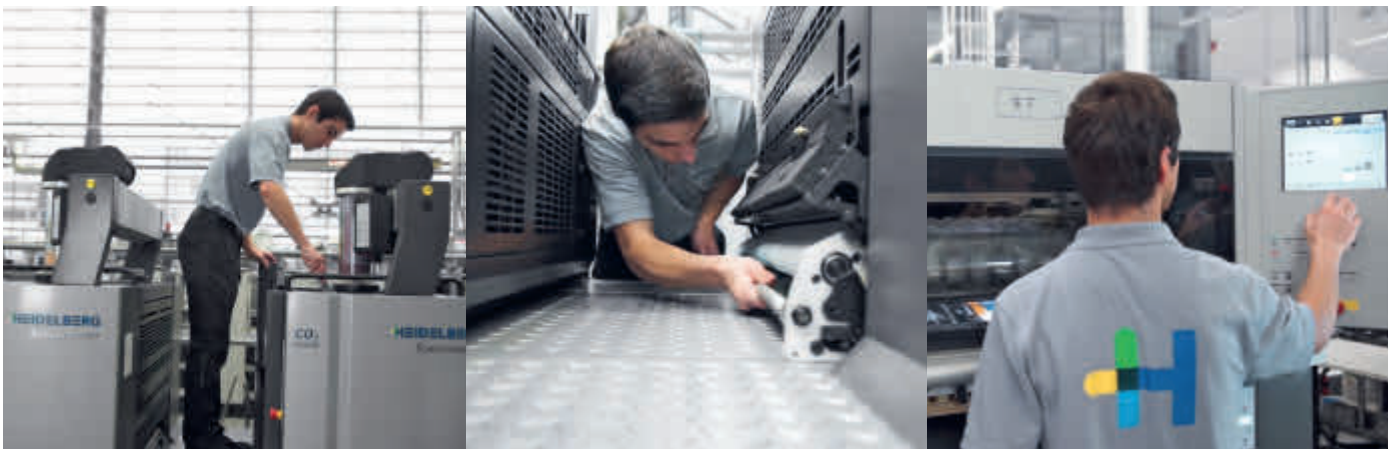
Simply – fast – reliable: the new Heidelberg UX on the Speedmaster SX 74

Experience the Heidelberg UX on the Speedmaster SX 74 also. Every time you operate a component you are experiencing the Peak Performance concept. From the seamlessly ergonomic design, to the modern control panels, the simple handling of the washup devices to the unique preset functionality, the Speedmaster SX 74 delivers an unparalleled user experience.

Well thought-out mechanical engineering.

Simply ergonomic.

The Speedmaster SX 74 impresses with its ergonomics as well as its modern and functional design.



Well thought-out mechanical engineering in combination with intelligent operating concept.

The optimally coordinated interaction between the machine and the operating concept first and foremost means fewer operating steps, but also shorter distances.

The benefits are obvious: apart from fast setup times, the well thought-out operating concept makes work much easier for the operator, who can concentrate on the essential operating steps, thus reducing defect sources to a minimum.

Ergonomics down to the last detail

The sophisticated stair concept with walk-on platform enables ergonomic work and a high level of safety.

The user-friendly machine design optimizes the workflows on the Speedmaster SX 74. The good accessibility makes activities like changing plates or removing the washup devices child's play.

Simply intuitive

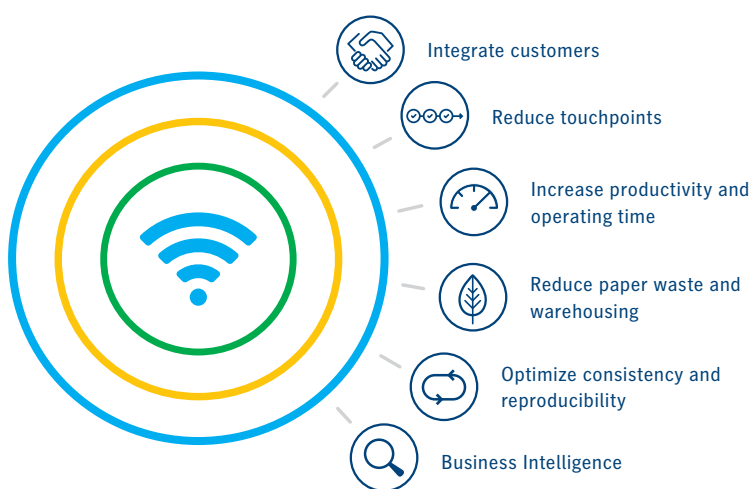
The integrated operating concept of the entire machine is underlined by equipment details optimized for the user, e. g. easily adjustable feeder with self-cleaning pull lays and central controls with jogwheel on the delivery.

Optimal results pay off.

The Speedmaster SX 74 not only offers a sound investment in the future and stable value retention thanks to its tried-and-tested platform, but its structure also simplifies work and maintenance and thus shortens throughput times.

Driving the Smart Print Shop. Prinect workflow.

Prinect makes smart production possible. As a central platform, Prinect seamlessly integrates all the steps involved in print production into consistent processes, from the customer contact through to the finished product and billing.



Greater profitability in the Smart Print Shop with Prinect

It is the harmonious interaction of the six key factors that increases the profitability of your print shop: efficient interaction with customers via portals, strictly reducing touchpoints in production and administration, increasing productivity and operating time while simultaneously reducing paper waste and warehousing, optimizing consistency and reproducibility and – last, but not least, consistently using Business Intelligence. Prinect offers you unique possibilities here.

Prinect Business contains everything that you need to manage your commercial processes. And goes even further. Prinect Business not only integrates your customers and helps you to reduce touchpoints and to define the optimal production method. Using intelligent processes, you simultaneously lay the foundation for industrial, automated production. With Prinect Business, your customer can conveniently submit their price inquiries and immediately get an individual quotation.

Prinect Production digitizes your print shop, focusing on cutting-edge cloud technology. It automates the production as well as your color and quality management and provides important data for analyses and reporting. It makes no difference whether you use toner, inkjet, or offset printing for your production and whether you are involved in commercial, packaging, or label printing – Prinect is the right solution.

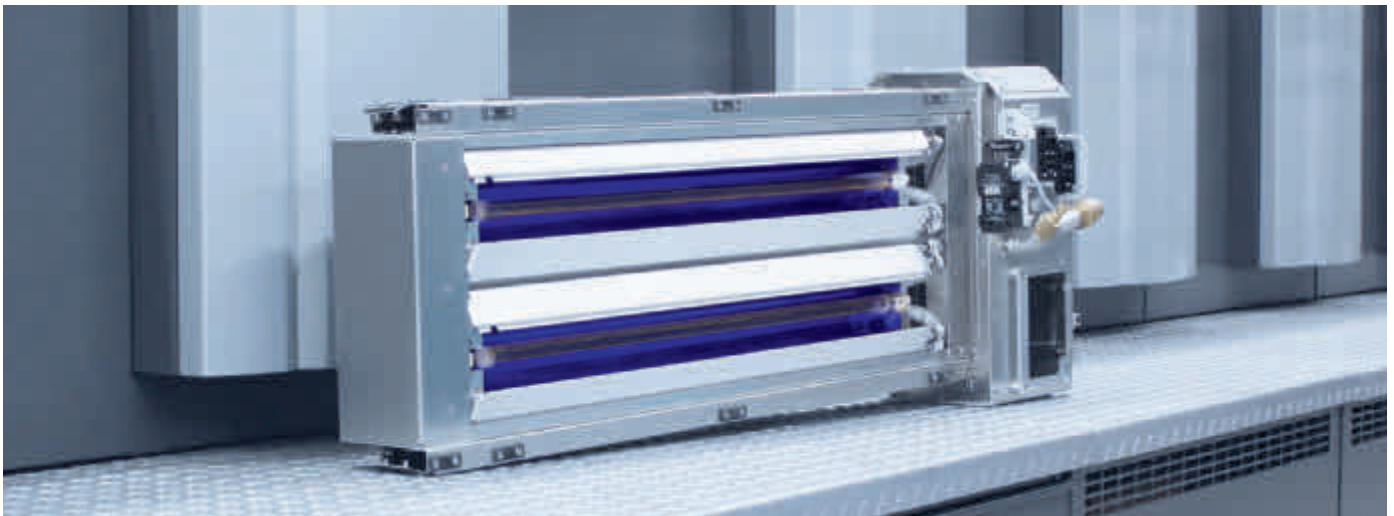
With the Prinect subscription model, you obtain all the functions you need to fulfill your customers' wishes and increase the productivity of your print shop in the long term. You only pay for the actually produced volume. High investment in software licenses is a thing of the past. An additional benefit for you: The usage fee includes all software updates and support via the Prinect Service hotline. This means that Prinect is always up to date – for total production reliability, efficient processes, and maximum productivity.

➔ You can find more information on Prinect Workflow here: heidelberg.com/en/workflow

The future is bright.

UV finishing.

Bright results, short drying time, wide variety of substrates. UV-finished print products stand out thanks to their brightness, their feel, and their short throughput times.



What sets UV printing apart is its high productivity. UV-curing inks and coatings can go straight into postpress, which means no more waiting times. Storage space can also be reduced, since there is no longer any need to store semi-finished products. UV printed products provide a way to broaden your portfolio. They open up new areas of business with high-quality finishing treatments and substrates like films or non-absorbent materials. Natural and recycled papers can be processed with exceptional brightness.

Reliable in new areas of business

LE UV (Low Energy) offers the perfect alternative for commercial print shops looking to explore the benefits of UV. It delivers high-quality print results, even on natural papers, special coating effects, and very fast throughput times. This enables the commercial print shops to respond flexibly to new market requirements. LE UV uses special, highly reactive UV inks and coatings with a very energy-efficient curing process.

➔ **You can find more about this here:**
heidelberg.com/sx74/user-reports

Quality without compromises. Perfecting par excellence.

Consistently high print quality on both sides of the sheet.
High productivity. Short makeready times. The Speedmaster SX 74 perfecting press offers you this and more.



Printed information is a crucial part of the marketing mix, even in the digital age. Our Speedmaster SX 74 perfecting presses with two, four or five colors offer a wide variety of options here. Whether printing postcards, admission tickets, packaging inserts, wrappers, or leaflets, the Speedmaster SX 74 with perfecting device prints both sides of the sheet fully automatically in one pass. The result? Lean production, low costs, and greater economy.

Faultless perfecting. Reliable guidance.

Speedmaster SX 74 perfecting presses deliver consistently high print quality in straight printing and perfecting mode. However, this requires that sheets be transferred with excellent register accuracy during the perfecting process and transported without any scratches or marks. Our unique jacket technology for the transfer cylinder and the impression cylinder after the perfecting stage ensures top quality and minimal cleaning.

Freedom of choice for straight or perfecting printing

The wide range of substrates from lightweight paper through to cardboard offers complete flexibility, including in perfecting mode. The perfecting device can be switched over fully automatically. Depending on the job, switching from perfecting to straight printing mode can take less than a minute.

Simply get in touch. **Your dialog with Heidelberg.**



We hope this brochure has inspired you. Our aim is to make you even more successful in the future, so feel free to contact us with your questions and suggestions. We're only ever an e-mail or phone call away.

We look forward to hearing from you!

Whether you're just curious or have specific things you'd like to ask, simply send an e-mail with your questions, requests, or comments to

➔ info@heidelberg.com

or use our contact form at

➔ heidelberg.com/info



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For details on the emissions of the Speedmaster SX 74, please visit us at heidelberg.com/emissiondetails

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