

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



A partnership that pays off. **Heidelberger Druckmaschinen.**

The key to your success lies in the coordinated interaction of people, processes, materials, and machines. We are a reliable and competent partner for all your printing needs. Our user-friendly systems, customized products, and innovative services deliver maximum production quality, make controlling complex processes easier, and help you to avoid errors – all along your production chain. The result: Efficiency at the touch of a button. We call it Simply Smart. The advantage for you: simpler and more productive processes thanks to an intelligent, comprehensive, and integrated portfolio optimally tailored to your needs.

➔ [heidelberg.com/company](https://www.heidelberg.com/company)



Our areas

E

Equipment

Rely on future-proof printing and further processing by combining digital and offset printing. Our portfolio for printing machines ranges from cutting-edge digital technologies and offset printing machines attractively equipped as standard to individually configured special machines for maximum productivity and every possible print application. From prepress to postpress – we enable the entire printing process for commercial and packaging printing. Our machines are networked through the Prinect workflow and can thus exchange production data: for the sake of optimum processes and transparency. Make uncompromising quality your standard.

→ heidelberg.com/en/equipment

S

Service

Our comprehensive range of services gives you more time for the essentials. With our Technical Services we offer you fast, efficient, and reliable access to our expertise and all the original parts – our service technicians are always close-by. With our Performance Services we work with you to optimize your productivity in all areas of production. Our industry-specific solutions also make us a competent partner in financial matters.

→ heidelberg.com/en/service

C

Consumables

You can rely on our know-how and coordinated materials for impressive results. We offer you various complete packages of consumables, allowing you to concentrate fully and entirely on your core competencies. With our online shop, we offer easy access unparalleled in the industry to all the products you need.

→ heidelberg.com/en/consumables

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HEIDELBERG
Speedmaster

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 coating unit, 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® 2 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, either with a custom configuration or as a special edition press at attractive terms. Enjoy the confidence of a triple investment: in a press that will retain its value, in top quality, and in outstanding economy.

The machine control station.

Prinect Press Center 2.

Ease of operation paired with intelligent automation, unique assistance systems, and excellent data management create the perfect conditions for sustainable efficient production.

Productivity made easy

User-friendly operation is about more than a pleasant working experience. It is also an important prerequisite for efficient production – print job by print job. The Prinect Press Center 2 offers you this user-friendly operation thanks to outstanding ergonomics: with optimal illumination of the sheet deposit area using standardized light and an intuitive 19-inch touchscreen.

The new Prinect Press Center 2 makes even more intelligent use of the available potential to minimize the time spent on each print job. The modern user interface allows you to use all the functions intuitively. Settings are saved for repeat jobs, which sustainably shortens your setup times. You operate unique software applications and integrated assistance systems via the touchscreen. The Prinect Press Center 2 thus meets even high productivity demands.

Fast job changes with Intellistart

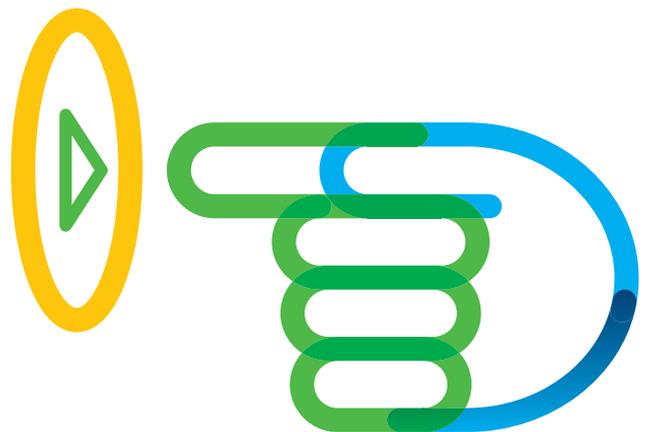
Prinect Press Center 2 is setting standards among other things with the process-oriented assistance system Intellistart®. It is unrivaled when it comes to fast job changes and a high level of automation. You can prepare the next job while the current one is still running. Intellistart additionally compares the current press status with the parameters for the new job and generates all the steps needed to change jobs intelligently and dynamically on the basis of this comparison.

Intellistart provides schedulable setup times and constant time savings with each job change thanks to a reduction of around 70 percent in the operating steps to be carried out on the control station, a reduction in the distance to be traveled between the control station and printing press, and a reduction in overall downtimes.

Achieve optimal quality – quickly and reliably

Faster inking-up with less paper waste is made possible by the software applications of the Color Fast Solution, which run automatically in the background. In addition, you achieve a stable ink-water balance immediately during setup and continuous production.

The Color Assistant Pro assistance system offers high-precision ink presetting and much less paper waste during setup. It ensures that color presetting profiles for different papers, inks, and printing conditions are automatically optimized and that ink fountain liner wear is fully automatically compensated.



Efficiency at the touch of a button.

Our innovative and intuitive operating concepts and the high level of automation offer you reliable performance and a noticeably reduced workload for your employees. For outstanding quality and productivity.



Color fidelity with the Princt measurement systems

Our Princt print shop workflow offers you various color measurement systems for optimal, reproducible color stability. As the most economical system in its class, Princt Easy Control is the ideal entry point into spectral measuring technology. With Princt Image Control®, you have at your disposal a high-performance color measurement system for optimum quality throughout the print image.

Perfect data management with Princt

The Princt Press Center 2 integrates the printing press into the Princt print shop workflow. You benefit from excellent data management, current production data, and informative reports. For fast makeready processes, data from the Princt workflow such as job information, preview images, and ink presets can be used for fast and precise workflows. Princt Performance Benchmarking tells you how productively you are working by anonymously comparing your data with that of your competitors.

➔ **You can find more information on Princt Press Center 2 here:**
heidelberg.com/en/princt-press-center-2



Web-based support –
fast, secure, efficient:
Heidelberg Remote Services.

Wide range of remote services:

- From troubleshooting and benchmarking through to predictive monitoring
 - 24/7 access to expert know-how at the push of a button
 - For increased machine availability and enhanced productivity
-

➔ heidelberg.com/en/remote-services

Leader in the printing process.

10 clear benefits*.

Makeready

300  hours

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

Protective liner instead of metal. Just

1 minute

instead of four minutes to clean the ink fountain.

Quality

Over **40,000** printing units sold: **perfect technology** for the commercial printer.

100 %

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

Ecology



Saving of

172 liters

of isopropyl alcohol (IPA) per ten million printed sheets by **reducing alcohol content** from ten to three percent using suitable dampening rollers.

Outstanding characteristics.

The facts at a glance.



Equipment:

- Prinect Press Center 2 control station with intuitive operator guidance system Intellistart for fast and process-oriented setup and extremely user-friendly operation
- Prinect Easy Control, Prinect Axis 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

Highlights:

- 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, coating unit, 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.



Protection for your investment right from the start:

Systemservice36plus.

- Technical support from our expert team
- Access to telephone support for fast answers
- 24/7 web-based support
- Maintenance based on Heidelberg maintenance checklists
- Repairs & fault clearance
- Original Heidelberg service parts

→ heidelberg.com/en/36plus



One-stop shop:

Saphira application know-how.

- **Consumables:** our extensive range of products and services includes the right solution for everyone
- **High-quality products:** all consumables are carefully selected and qualified
- **Application engineers:** with many years of experience in everyday use of suitable Saphira® materials
- **Consulting:** application specialists help with printing problems, material selection and process optimization

→ heidelberg.com/en/application-know-how



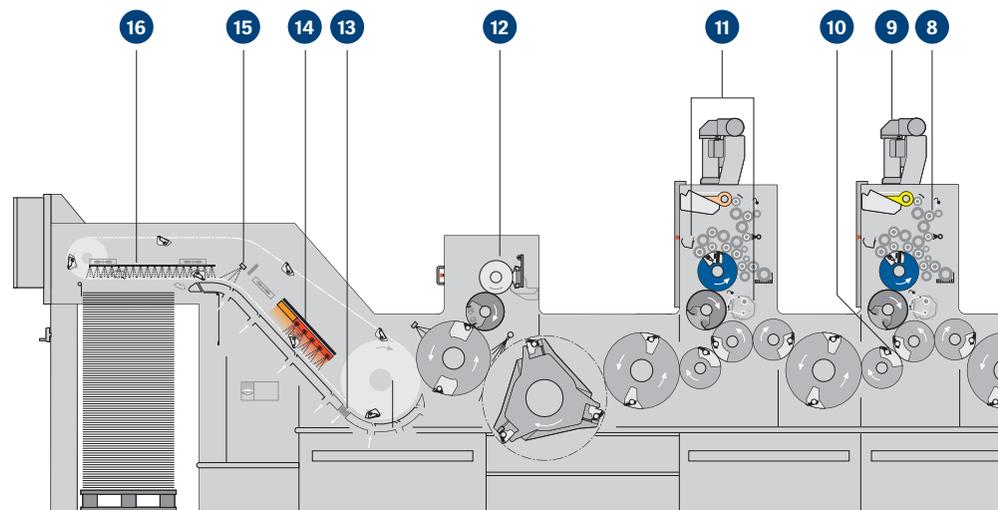
Highly automated delivery for perfect pile formation, short makeready times, and high productivity.



Chamber blade system for constant application of coatings at a defined rate.



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



Speedmaster SX 74-5+L. 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 hickeys 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 Transfer cylinders

Easily adjustable transfer cylinders speed up optimization of the sheet travel when changing between different substrate thicknesses.

7 Color Assistant Pro

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

8 Inking unit temperature control

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



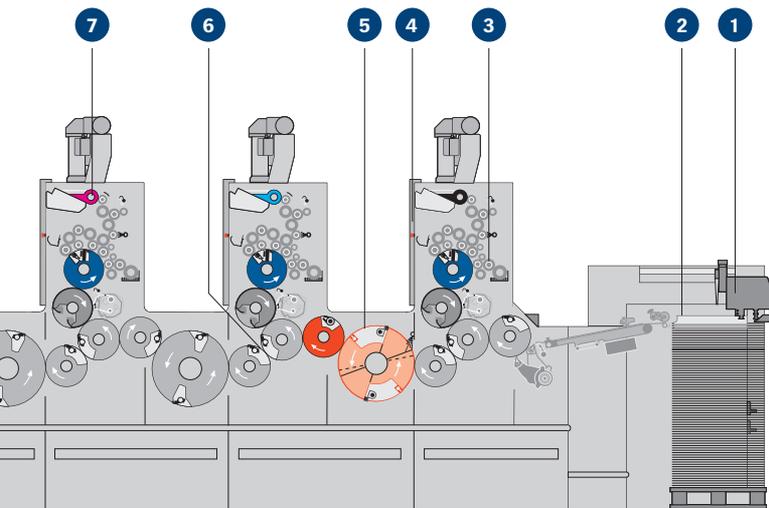
Consistent quality on the front and back sides thanks to the perfecting device with TransferJacket Blue and PerfectJacket Blue jacket technology.



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.



9 InkStar

The cartridge-based automatic ink supply system shortens the makeready times and reduces ink consumption.

10 TransferJacket Blue

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

11 Automatic washup devices

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

12 Coating unit

The chamber blade system ensures a constant coating supply and uniform coating application.

13 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.

14 DryStar Coating

Infrared and hot-air drying for excellent results in challenging coating applications.

15 PowderStar

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

16 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

You can find more about the economy and efficiency benefits of your Speedmaster including operating data, sample calculations, and application testimonials here:

➔ heidelberg.com/sx74/efficiency



Productivity

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.

Time savings of up to

100 hours



each year thanks to the **simple operating concept** of the entire press.

Stable production speeds of up to

15,000

sheets per hour.

0 minutes

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

User friendliness

Ergonomic operation using the central control station and control panels directly on the press reduces the operator's workload. Reduction of up to

70 %

in the operating steps required thanks to **Intellistart**.

* See reverse

Attractive and good. Speedmaster SX 74 Edition.

The Speedmaster SX 74 Edition special models feature the equipment our customers need. Two- and four-color presses with standard configurations are available at attractive terms.



Equipment essentials

Application-oriented equipment packages at attractive terms: this is the USP of our special edition models of the Speedmaster SX 74. Available with two or four printing units for traditional commercial printing, they combine Speedmaster quality with equipment details precisely tailored to our customers' needs.

Success and sustainability

Count on production and investment reliability from Heidelberg. Our special edition models feature premium equipment for the specific requirements of the medium-size format range, enabling you to stand out from the competition on quality.

➔ You can find more about this here:
heidelberg.com/en/sx74-edition



The world of folding.

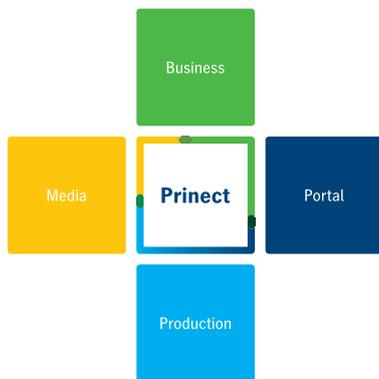
Equipment. Stahlfolder.

- Bookbinders, full-service print shops, or industrial folding production. Folding machines for every production process
- The right solution for every application: entry-level machines, modular configurations or highly-efficient, automated folding systems
- Commercial products, signatures, individual solutions. Folding products of all kinds
- Short, medium, and long production runs. Efficient, high-quality folding

➔ heidelberg.com/en/stahlfolder

Integrated intelligence. Prinect Workflow.

The integrated print and media workflow links all your individual departments to create an intelligent factory. It automates job flows and makes processes more transparent – optimum efficiency for both offset and digital printing.



Changing markets mean that print shops are facing new challenges. So that our customers can successfully meet these challenges, Prinect offers a flexible and individually combinable range of software modules – and thus provides solutions for new services and future success.

Prinect automates processes, analyzes potentials, and provides answers on the basis of precisely collected data for both small and large-size companies, and for both commercial and packaging printers as well as web-to-print. You receive customized solutions for top quality and maximum efficiency – providing you with a decisive competitive edge.

Prinect Production integrates the workflows in prepress, digital and offset printing as well as postpress. A wide range of software tools permits fast execution of demanding tasks in top quality. The high degree of automation guarantees greater productivity, reliability, and quality.

Prinect Portal opens the digital gateway to the world. This allows you to remain connected online around the clock, independently of working and production times. Whether for ordering, job processing, customer management,

online production, sales, web shop, or reporting: Prinect Portal revolutionizes your business processes.

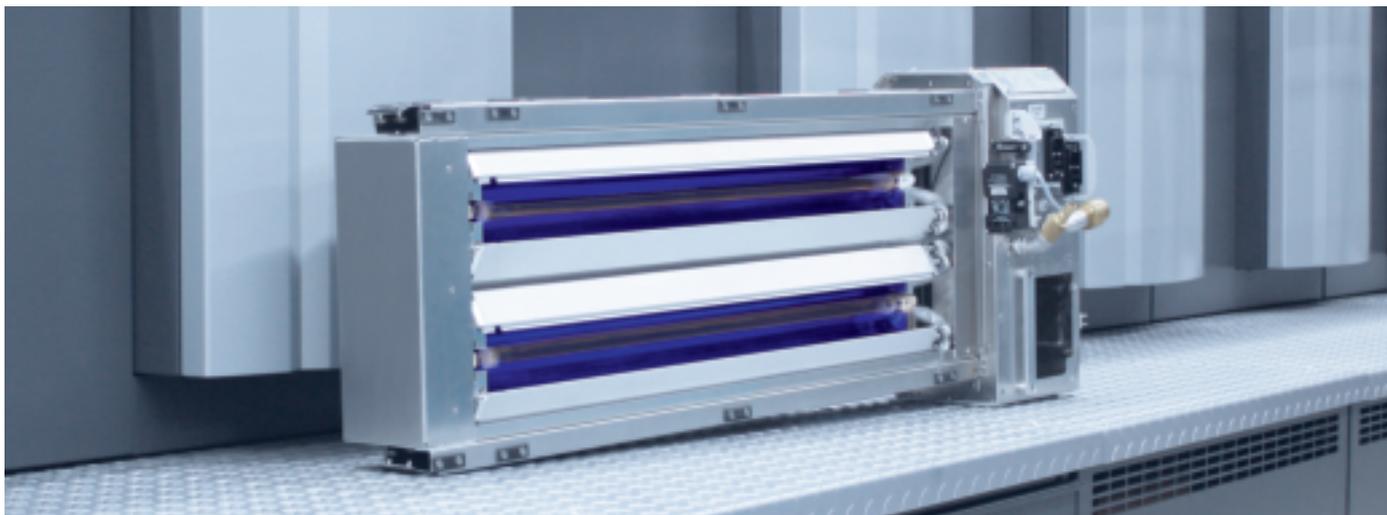
Prinect Business links your administration with production as an industry software solution and management information system (MIS). Automated processes in cost calculation, job management, material and logistics planning as well as reporting mean that you benefit from greater efficiency and flexibility and ensure that you have your margins under control.

Prinect Media allows you to develop new areas of business ranging from data and content management or catalog production through to multi-channel publishing. Prinect Media gives you access to modern media communication – both online and printed.

→ 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.

Into the future with LE UV

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. The light spectrum used does not produce any ozone.

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



Tried, tested and proven:

Saphira UV, Low Energy and LED UV.

- Comprehensive range of matched inks, coatings, blankets and consumables for UV, Low Energy and LED UV printing
- Direct postprocessing of instantly dry printed products possible
- Suitable for paper, plastics, foils or metalized paper
- Curing without a large amount of heat, thus avoiding distortion of plastics
- Faster throughput time reduces storage area and logistical requirements

→ heidelberg.com/en/saphira-uv

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.

You and your company's success are our prime focus. To be able to realize this ideal, it is important for us to know your wishes and requirements. Only then can we offer you a customized printing solution that works perfectly for you.

We look forward to hearing from you!

Get in touch with us for more information, a customized offer and everything else about Heidelberg and the Speedmaster SX 74 you would like to know.

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Website

heidelberg.com



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