

Equipment



Fully automatic plate production. **Suprasetter.**



HEIDELBERG

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 give 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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A visionary investment. **Suprasetter.**

Suprasetter® is the most successful CtP family across all formats. Surprised? You shouldn't be. Heidelberg® knows the tough demands a platesetter needs to meet in order to play its part successfully – both today and in the future.

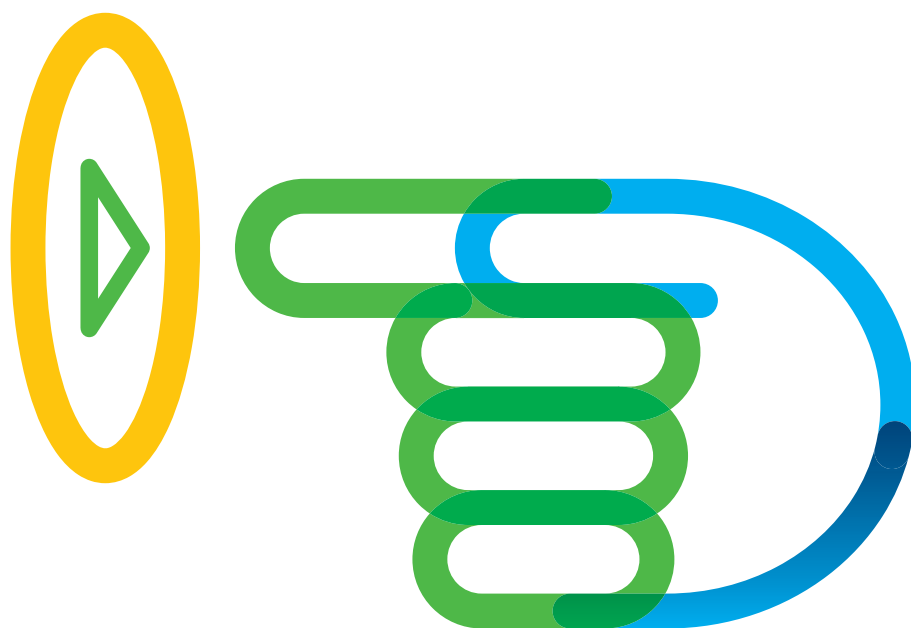
Computer-to-Plate (CtP) is the world's leading technology for boosting productivity and efficiency in the pressroom. Along with the presses, the performance of the platesetters is a particularly crucial success factor. Outstanding quality is as important as absolute reliability and durability. In order to stand the test of long-term use and play its part in the company's economic success, a platesetter system needs to be well equipped to handle the demanding requirements of the pressroom.

Based on experience gained from installing several thousand CtP systems worldwide, the Suprasetter generation of platesetters sets new standards in every format class. From the small to the large-size format, every model in the Suprasetter range is designed according to the same successful principles: premium quality, maximum availability, growth-oriented modularity and flexibility, and perfect integration into the Prinect® print shop workflow.

Success story: Suprasetter.

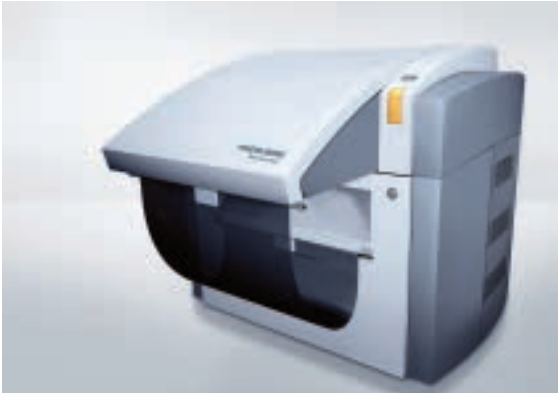
A wealth of innovations for every format class.

From small to large-size format, a new CtP system must offer potential for increased performance. It is not enough to simply improve some details. What matters is the sum of all the technical features. When developing the Suprasetter family, therefore, Heidelberg focused in particular on perfectly coordinating all components across all format classes. Regardless of whether you need automation, modularity, flexibility, reliability, or simple operation, the Suprasetter sets new standards in the CtP sector with its outstanding features.



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.



Suprasetter A52 / A75

One of the impressive points about the small and medium-size format Suprasetter is how compact it is. While the basic manual feed CtP has a very small footprint, a Suprasetter with auto plate loading system is the smallest thermal platesetter in its class.

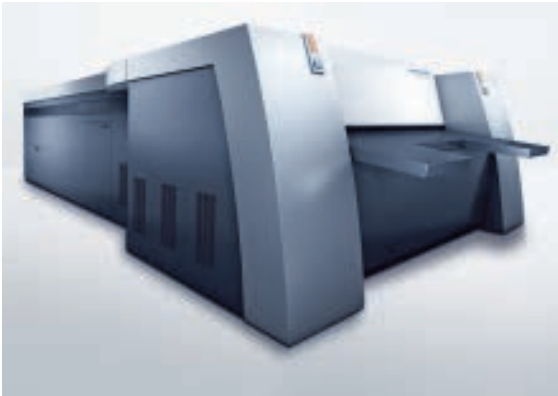
The Suprasetter A52 / A75 come with two throughput speeds and therefore offer the right configuration for every type of plate – process-free and chemical-free.



Suprasetter A106 / 106

The Suprasetter A106 and 106 for the medium-size format deliver maximum flexibility when it comes to plate handling, plate types and formats, punching systems, and level of automation.

Numerous configurations are possible. They range from the manual basic model, through fully automatic operation with the Dual Cassette Loader (DCL), to the highly productive Auto Pallet Loader (APL).



Suprasetter 145 / 162 / 190

The Suprasetter 145/162 / 190 for the large-size format also use the tried and tested CtP technology from Heidelberg, like the outstanding lasers with their patented Intelligent Diode System (IDS). These models also feature production with excellent depth of focus, internal temperature stabilization, and uniquely straightforward operation.

The Auto Cassette Loader (ACL) or Auto Pallet Loader (APL) are used for fully automatic operation.

Models and formats at a glance

| | Max. plate format |
|------------------|-------------------|
| Suprasetter A52 | 676 × 530 mm |
| Suprasetter A75 | 676 × 760 mm |
| Suprasetter A106 | 930 × 1,060 mm |
| Suprasetter 106 | 930 × 1,140 mm |
| Suprasetter 145 | 1,425 × 1,460 mm |
| Suprasetter 162 | 1,425 × 1,650 mm |
| Suprasetter 190 | 1,425 × 1,915 mm |

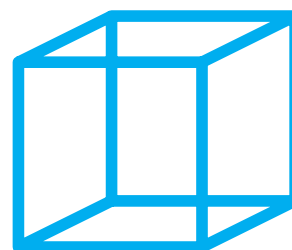
Always the right choice

The Suprasetter family offers you maximum flexibility for whatever you need. The choice is yours: whether different plate formats or technologies, Suprasetter models offer impressive technology and reliability for the specific application.

The key to greater productivity. A review of the benefits.

Compact

The **Suprasetter A52** and **A75** boast a small footprint, an integrated punching system, and DTL auto plate loading system. This results in an **efficient use of space** in prepress.



Versatile

All thermal plates can be reliably processed with optimal settings for the platesetting process in a wide range of plate formats and plate thicknesses. The integrated Debris Removal System removes processing residues from ablative plates.

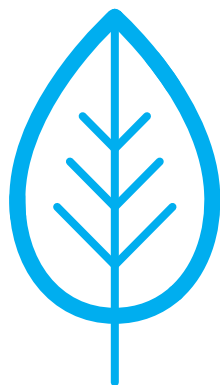
Future-proof. The Suprasetter A52 and A75 come with a host of

upgrade options

The same applies to the **extension of the resolution** to:

5,080 dpi

Integrable. The Suprasetter 106 and 145/162/190 are easily integrated into existing plate handling lines, thereby taking their place in a **fully automatic plate production system**.



Sustainable

The Suprasetter A52 and A75 are kind to the environment thanks to their low energy requirement. With their **CO₂-neutral production** and **low heat output**, the platesetters can claim a very positive effect on the energy balance and good green credentials.

High-tech with superior performance. The facts at a glance.



Outstanding

Characteristic features of the SupraSetter family are their ease of use and ergonomic design. The SupraSetter 145/162/190 were awarded the “reddot” seal of quality for outstanding design quality by the jury of the renowned international design competition “reddot design award”.



reddot design award
winner 2008

Highlights:

- Internal punching of the printing plates helps to shorten makeready times at the press and minimize paper waste.
- Plate imaging is always performed under the same conditions. This provides the best foundation for fast inking-up and minimal paper waste.
- A SupraSetter can grow in line with ever-increasing demands in terms of plate handling and formats, punching, and level of automation.
- Unevenness in the plates is automatically compensated. This largely eliminates the need to re-image printing plates and thus avoids associated waiting times in the pressroom.
- A SupraSetter can be seamlessly integrated into the Prinect workflow. Ideal for optimum planning and machine assignment.

→ You can find more highlights of the SupraSetter here:
heidelberg.com/en/supraSetter

A Suprasetter can grow in line with a print shop's ever-increasing demands. For example, plate loading systems for automatic loading of the platesetter can be installed in a very short time. The Suprasetter family is highly flexible when it comes to plate handling, plate types and formats, punching systems, and level of automation.



Carefree package:
Our service for your Suprasetter.

- Preventive maintenance programs for increased productivity
- Predictive service function for early detection of faults
- Remote diagnosis for maximum machine availability
- 24/7 worldwide delivery of original parts

→ heidelberg.com/en/service-agreements



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



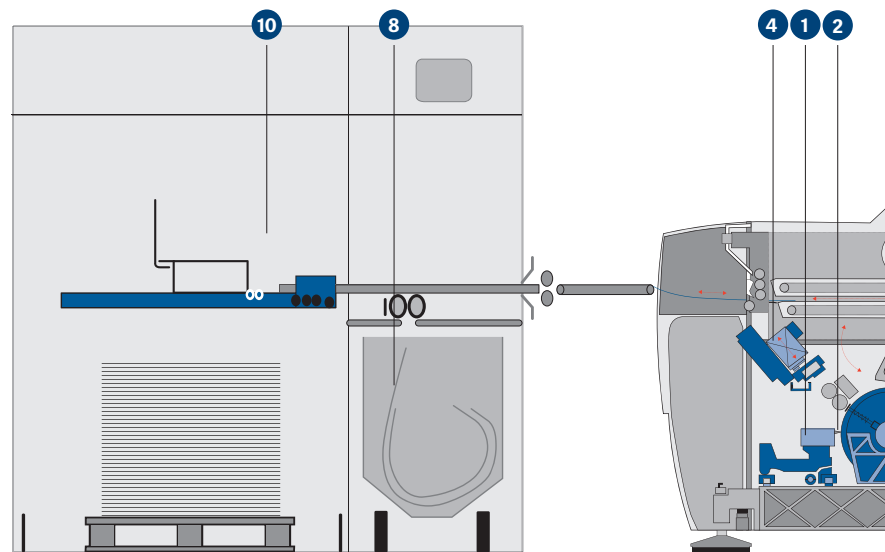
The laser module offers outstanding quality and a high level of reliability thanks to the patented Intelligent Diode System (IDS).



The Debris Removal System removes dust and loose particles as soon as they occur.



The temperature control system standardizes the imaging conditions for the plates.



1 Laser module

The laser systems developed exclusively by Heidelberg offer excellent imaging quality with maximum productivity.

2 Intelligent Diode System (IDS)

The Intelligent Diode System ensures smooth resumption of plate imaging if one laser diode fails.

3 Temperature control

Plate imaging is always performed under the same conditions. This provides the best foundation for fast inking-up and minimization of startup waste.

4 Integrated punch system

Internal punching of the printing plates helps to shorten makeready times at the press and minimize paper waste.

5 Integrated transport table

The integrated and compact transport table of the Dual Cassette Loader (DCL) reduces the footprint in prepress.

6 Dual Cassette Loader (DCL)

The DCL plate loading system increases flexibility when loading different plate formats.

7 Suction and dust filter system

The optional Debris Removal System removes loose particles and dust from the plate material.

8 Paper catcher

The interleaving paper is automatically removed and placed in a collection tray.



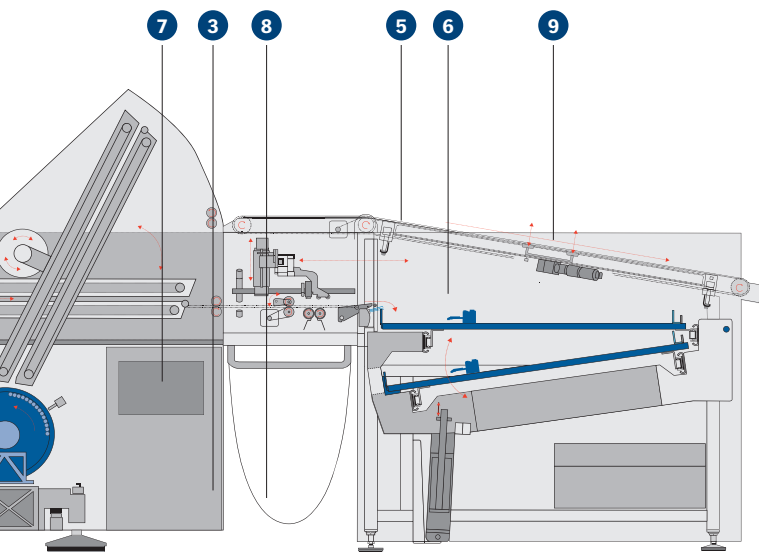
The integrated punching system works with maximum register accuracy. This shortens makeready times, particularly for repeat jobs.



The Dual Cassette Loader (DCL) with integrated turn table automates the loading of plates into the Suprasetter.



The fully automatic Auto Pallet Loader (APL) loads the printing plates directly from the pallet.



9 Transport bridge with optional rotary table

The imaged printing plate can be turned to the smaller portrait format using the optional turn table. This enables a low-cost and low-chemical processor to be used.

10 Auto Pallet Loader (APL)

The Auto Pallet Loader automatically transports printing plates located on a pallet into the Suprasetter. Separation of the printing plate and paper is fully automatic.

→ You can find the technical data for the Suprasetter here: heidelberg.com/en/suprasetter



Technical support online:
Remote Diagnosis.

- Troubleshooting and user support online at any time
- Predictive service function of the Maintenance Managers allows early detection of faults
- Transfer of machine data as preparation for on-site maintenance assignments
- Accelerated support = shorter downtimes, faster resumption of production

→ heidelberg.com/en/diagnosis

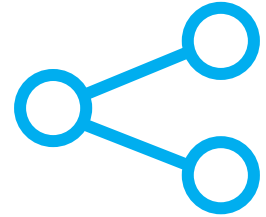
Our Suprasetter family plays an important role in your economic success with their expandable design, the option of connecting various workflow systems, and their low servicing and operating costs.

➔ heidelberg.com/en/suprasetter



Connected

Integrating the platesetters into the **Prinect workflow** guarantees secure data handling in prepress.



With **Prinect**, the entire production sequence during plate imaging can be recorded in a transparent way.

Individual printing plates can be flexibly reproduced if necessary, including in response to a request from the press control station.

Reliable

In case of technical malfunction, the **Heidelberg service network** guarantees the rapid dispatch of trained SystemService specialists and supply of original service parts onsite. The fault can be diagnosed remotely in many cases, **saving time and money**.

Maintenance agreements ensure that servicing costs can be budgeted for, and permit preventative maintenance and upkeep measures.



Made by Heidelberg

The temperature-controlled laser systems developed exclusively by Heidelberg offer **excellent imaging quality**. The **Intelligent Diode System (IDS)** ensures constant production reliability even if one laser diode fails. All the components of the Suprasetter are optimally adjusted and function tested in our Wiesloch plant during final assembly to ensure that our customers can enjoy safe and reliable production right from day one.



Financially viable



The Heidelberg quality standard ensures **high value stability** and a **high resale value**, which is also reflected in the favorable financing terms. Linking the investment with a supply agreement for printing plates can, of course, partially cover the investment.

A comprehensive offering.

Saphira for prepress.



We supply a wide spectrum of Saphira prepress consumables and services for cost-effective, reliable results every time. Ensure constant quality over the entire production run.



Saphira consumables for prepress

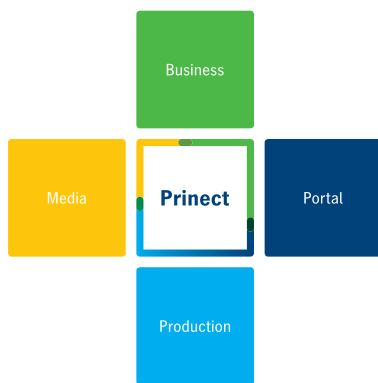
Saphira® consumables offer you everything you need for prepress – extensively tested and high quality, all from a single source, delivered quickly and reliably.

We supply the entire breadth of materials for color proofing. We also have a wide variety of rapid-access films and processing chemicals for all commercially available plate-setters. It goes without saying that the range includes analog and CtP printing plates suitable for all common UV, polymer, or thermal laser and polyester plates as well as processing chemicals and equipment. The range is rounded off by suitable products for digital and analog flexo engraving plus additional accessories for flexo printing.

➔ **If you have any questions, we will be happy to share our expertise at any time:**
heidelberg.com/en/saphira-know-how

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 best reference.

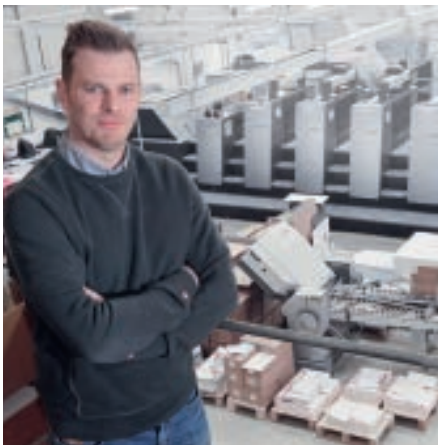
Our satisfied customers.

Suprasetter is the world's most successful CtP family across all formats. Here you can read what leading executives make of their experience with Suprasetter from Heidelberg.



“In the context of our long-term direction, we’re always looking for the greatest synergy between the environment, quality, and economy. The Heidelberg Suprasetter is a perfect fit for this concept, guaranteeing us maximum productivity and superlative quality in the prepress area with minimal environmental impact.”

Detlev Stein, Technical Manager
Oeding Print GmbH, Germany



“Thanks to the fully automatic plate loading function of the Suprasetter, we can leave our CtP devices to output plates at any time around the clock – including at the end of the day for the night shift.”

Karl Nicholson, Managing Director
Spectrum Printing & Graphics, Great Britain



Left: Special applications in the field of security printing such as banknotes, guilloches, or certificates can be printed in the highest resolution using the “High Resolution 5080 dpi” option.

Below: High-quality lenticular printing is possible through automatic adaptation of the platesetter resolution to the foil in question.



High resolution for security printing. The Suprasetter family delivers outstanding quality for almost all commercial and packaging printing with its 2,400 dpi or 2,540 dpi laser systems. Nevertheless there are applications where a higher imaging resolution can increase the quality even further. One such application is security printing, where guilloches and very fine micro elements have to be printed with the smoothest and steadiest lines possible. The “High Resolution 5,080 dpi”-option makes this possible. The platesetter resolution can be switched fully automatically to enable maximum utilization.

High-quality lenticular printing. Creating printing plates for lenticular printing requires very specialized knowledge and the right tools. This is the only way to achieve outstanding quality. The Prinect Signa Station® perfectly aligns the templates with the lenses. The Prinect lenticular rasters from Heidelberg’s RIP solutions permit lens-accurate rastering. The Suprasetter also offer an option for adapting the plate imaging to the lenticular lenses (Lenticular Resolution Adjustment). Together, these three options deliver unprecedented quality and production reliability. This enables you to win new customers and establish yourself as a strong contender in the market with high-quality lenticular printing.

E

The perfect printing solution:
Speedmaster equipment.

- Solutions for commercial printers, packaging printers, and specialists
- Preconfigured standard offset machines with attractive terms and conditions and fast delivery times
- Individually configurable machines
- Maximum productivity
- Consistent, simple operating concept
- Intelligent automation

→ [heidelberg.com/en/equipment-speedmaster](https://www.heidelberg.com/en/equipment-speedmaster)

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 Suprasetter you would like to know.

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Website

heidelberg.com



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heidelberg.com/dialogue

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