

Scalable plate production.
Suprasetter.



An investment with vision. **Suprasetter, the model for success.**

A CtP system must offer potential for increased performance. The decisive factor here is the sum of all technical performance features. That's why with the Suprasetter®, particular emphasis was placed on optimizing the coordination of all components.

Computer-to-Plate (CtP) is the leading technology for increasing productivity and efficiency in the pressroom. Outstanding quality is just as important here as repeatable quality and consistency. To prove itself in continuous operation and contribute to the economic success of the company, a plate-setter system must be optimally prepared for the high demands of the pressroom. The Suprasetter offers the right configuration for every plate type, be it processless or chemical-free.

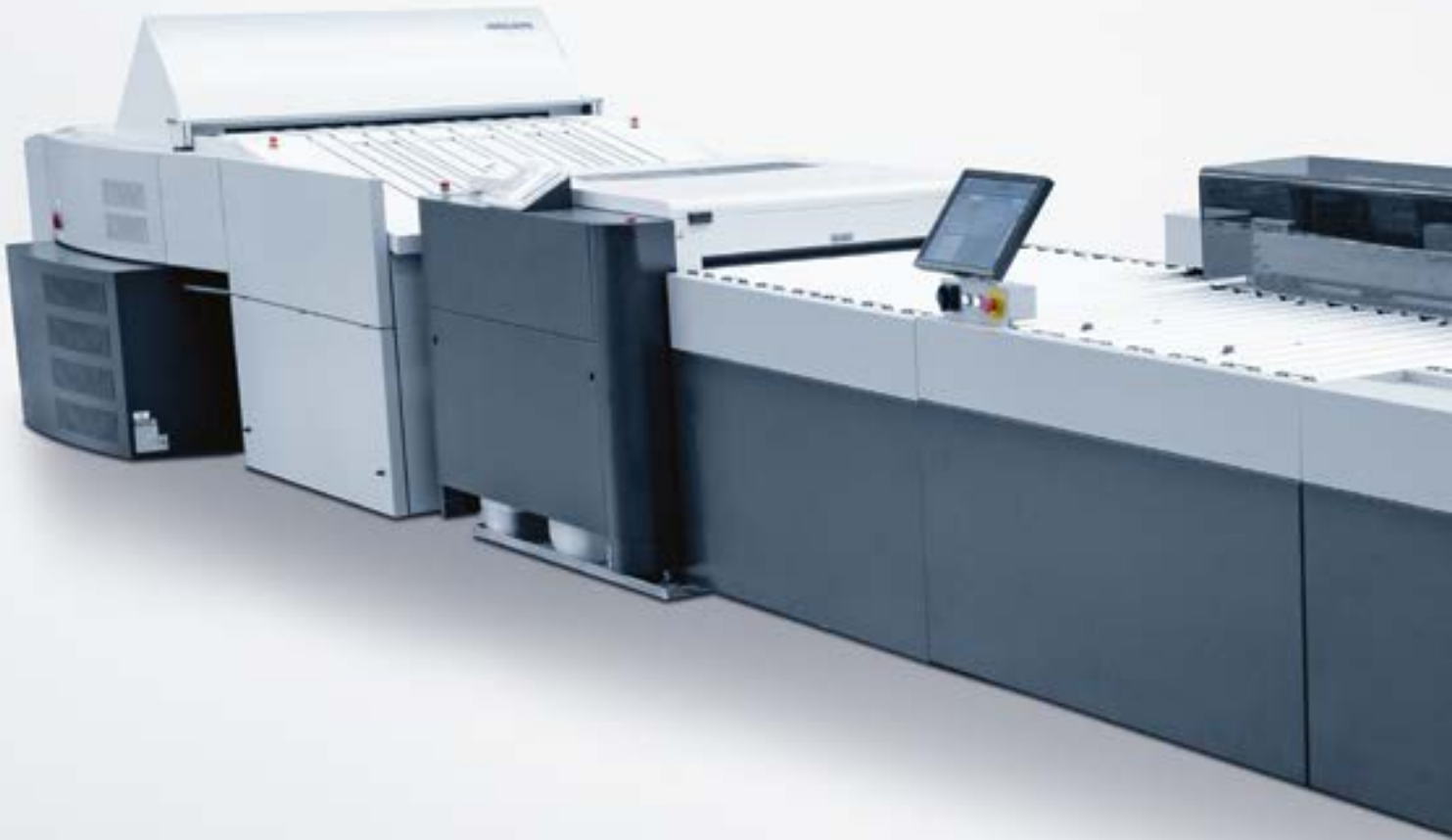
Regardless of whether automation, modularity, flexibility, reliability or ease of operation are required – a Suprasetter sets standards in the CtP sector with its outstanding performance features. But the Suprasetter can do even more: Thanks to the integration of CO₂ compensation, it also stands for sustainability.

When you choose HEIDELBERG®, you get everything from a single source – from the Prinect® Workflow and Saphira® consumables to remote or on-site services. You gain access to a fully comprehensive ecosystem that offers you real added value.

[→ heidelberg.com](https://www.heidelberg.com)



SUPRASSETTER



The fully automatic **Auto Pallet Loader (APL)** loads the printing plates directly from the pallet and optionally from two cassettes.



The laser module offers outstanding quality and maximum reliability thanks to the patented **Intelligent Diode System (IDS)**.



The **temperature control system** for the lasers and cylinders standardizes the imaging conditions for the plates.

R A106 / 106



The **Dual Cassette Loader (DCL)** with integrated turntable automates plate loading on the Suprasetter.



The complete **CtP solution** with fully automatic plate bending and sorting reduces touchpoints and secures the order sequence.



Integration into the Push to Stop workflow supports fully automated printing plate logistics with **Plate to Unit** – a further step towards autonomous print production.

10

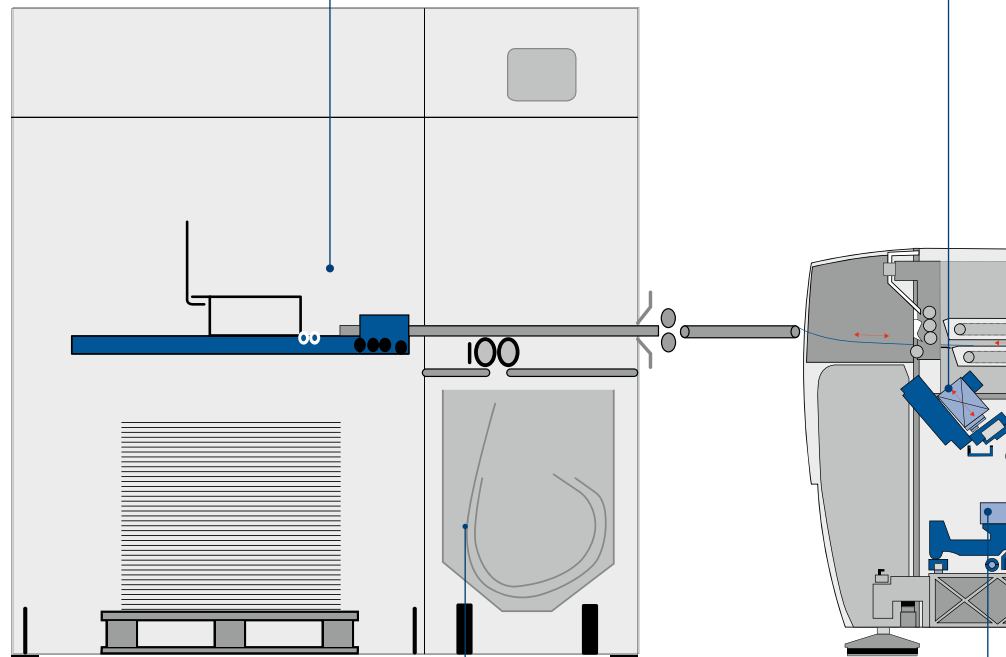
Auto Pallet Loader (APL)

The Auto Pallet Loader automatically transports plates from the pallet into the Supra setter. The slip sheet is separated at the same time.

8

Integrated punching

Internal punching of the printing plates helps to reduce press makeready times and ensures register accuracy.



9

Slip sheet collection

Slip sheets are automatically removed and placed in a collection tray.

7

Laser module

The proven laser systems developed exclusively by HEIDELBERG offer excellent imaging quality with maximum productivity and highest lifetime.

5

Extraction and dust filter system

The extraction system removes debris from the plate material and increases the overall equipment effectiveness (OEE).

3

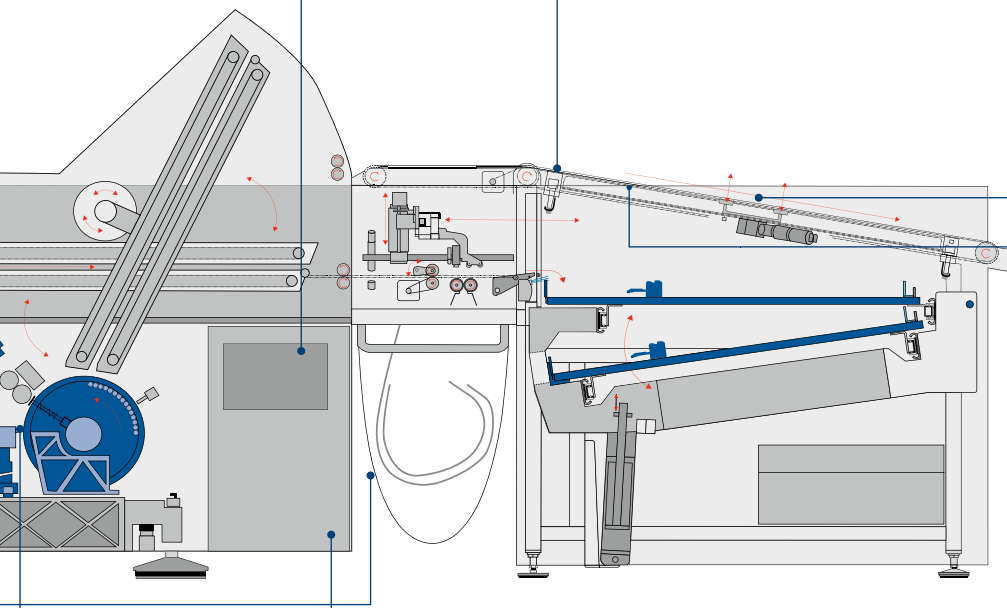
Integrated transport table

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

1

Conveyor with optional turntable

Using the turntable, the imaged printing plate can be turned into the smaller portrait format. This allows a cost-effective processor to be used and simplifies plate bending and sorting.



6

Intelligent Diode System (IDS)

In case of failure, the Intelligent Diode System enables seamlessly continuous printing plate production.

4

Integrated temperature control

Plate imaging is always performed under the same conditions and thus creates the best conditions for repeatable quality.

2

Dual Cassette Loader (DCL)

The DCL system increases flexibility when loading different plate formats and enables automatic separation of the slip sheet.



SupraSetter

The platesetter shown is a sample configuration. Some of the equipment features presented are optional.

You can find further information and technical details about your SupraSetter here:

→ heidelberg.com/en/supraSetter

High-tech with outstanding performance.

Innovations for your prepress.



Needs-based models for flexible, high-quality production.

Quality and production reliability

Lasers from HEIDELBERG

The laser systems developed exclusively by HEIDELBERG provide excellent imaging quality. The modular design enables additional laser modules to be added quickly and easily on-site without long downtimes and with minimal service requirements. The Intelligent Diode System (IDS) ensures production reliability since operation can continue, even if a diode fails.

Uniquely compact

Suprasetter A75/A106

In addition to the space-saving basic unit, the Suprasetter with their loading systems have also minimal space requirements. Ideal for small and medium formats, the Suprasetter A75 is available in two throughput speeds. The Suprasetter A106 is the perfect entry-level model in its format class.

→ heidelberg.com/en/A75

→ heidelberg.com/en/106

High flexibility

Suprasetter 106

Numerous configurations, scalable imaging speeds and a variety of upgrade options make the Suprasetter 106 the most flexible model in its class. With up to six laser heads, this equipment guarantees maximum availability and high productivity. Add-ons for this model, from the Dual Cassette Loader (DCL) to the highly productive Auto Pallet Loader (APL), offer flexibility in terms of cross-format handling of printing plates with up to six plate formats.

→ heidelberg.com/en/106

Productivity through automation

Prinect Workflow

The Suprasetter can be integrated into fully automated plate production lines. Seamless, intelligent integration into the Prinect Workflow ensures optimum machine utilization with minimum makeready times thanks to the timely provision of printing plates perfectly matched to the machine.

Publishing information

Heidelberger Druckmaschinen AG
Kurfuersten-Anlage 52–60
69115 Heidelberg
Germany
Phone +49 6221 92-00
Fax +49 6221 92-6999
contact@heidelberg.com
Further details at:
heidelberg.com

Production note

Image credits: Heidelberger Druckmaschinen AG
Platemaking: Suprasetter
Printing: Speedmaster
Finishing: Stahlfolder
Consumables: Saphira
Printed in Germany

Trademarks

HEIDELBERG, the HEIDELBERG logo, Prinect, Saphira, Speedmaster, Stahlfolder and Suprasetter are registered trademarks of Heidelberger Druckmaschinen AG in the U.S. and other countries. All other trademarks are property of their respective owners.

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

Liability for contents

The contents of this brochure have been prepared with great care. No warranty or liability is accepted for the correctness, completeness, or accuracy of the information. There is no guarantee or warranty that the customer will be able to achieve the values and numbers (e. g. relating to the function and performance of the machine and the software) specified in the brochure. The information provided is based on ideal conditions and proper use of the machine and the software. Achieving these values and numbers depends on a variety of factors and circumstances that are outside the control of HEIDELBERG (e. g. machine settings, technical conditions, ambient conditions, raw materials and supplies used, consumables used, standard of care and maintenance of the machine, expertise of the operator, meeting the respective system requirements, etc.).

Version: Mar 2024