HEIDELBERG

Professional folding.
Stahlfolder BH/CH.

Reach new heights.
Machine and more.

With the folding machines from the Stahlfolder® BH/CH series, you open up new possibilities for processing a wide range of jobs economically, and you will stand out from the competition.

Ease of use and proven technology with low operating and investment costs make it easier to get started with professional folding. Regardless of whether you want to shorten job throughput times or modernize your postpress, you produce reliably, with high quality, and profitably.

Benefit from digitization with HEIDELBERG®; in production, it simplifies the control and operation of the machines. On a commercial level, it offers insights into productivity at all times.

Via HEIDELBERG, you also get access to an ecosystem that offers real added value – with service, consumables, digital services, software, cloud-based solutions, training and advice, inventory management, and logistics. As the first folding machine manufacturer, HEIDELBERG offers you even more: The CO_2 footprint of all Stahlfolder products is offset at no cost to you through Gold Standard certified projects.

heidelberg.com

More jobs.
Fast return on investment.

From signatures for book production to commercial jobs: With a Stahlfolder BH/CH folding machine, you can cover a wide range of fold types. This gives you flexibility, capacity, and productivity – with a manageable capital expenditure.

With shorter and shorter delivery times, it is more important than ever for you to reliably control the entire process chain, including postpress. As proven top performers, Stahlfolder BH/CH series provide you with the necessary availability, production reliability, and quality.

The compact and solid design of the folding machines enables a consistently high level of performance and reliable results. Thanks to the modular machine concept, you are in the best possible position to meet a wide range of customer requirements – from standard fold jobs to special applications with gatefold buckle plates or gluing devices. The intelligent automation and the intuitive operating concept reduce the required adjustments to a minimum and accelerate job changes. This means that you can also process small runs or peak loads profitably under time pressure. Your investment pays for itself in a very short time – even if you only produce in a one-shift operation.

With the **Stahlfolder BH buckle plate and Stahlfolder CH combi-folding machines,** you bring your folding production up to the current level of technology. This lays the foundation for greater profitability and greater competitiveness.

heidelberg.com/en/bh-ch

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HEIDELBERG
CO2 Stahlfolder

OPERATION

Ensuring cost-effectiveness.
Deploy personnel flexibly.

The Stahlfolder BH/CH folding machines give you new scope: Automated functions and ease of use reduce training times. As a result, you are more flexible in the deployment of personnel, and at the same time, your production reliability and cost-effectiveness increase.

High performance with a wide range of applications.

Intuitive job change
Quick Setup
The intuitive Quick Setup operating concept minimizes the need for adjustments. Follow-up jobs can be set up with just four clicks. This ensures quick and error-free makeready and smooth processes up to the folded product.

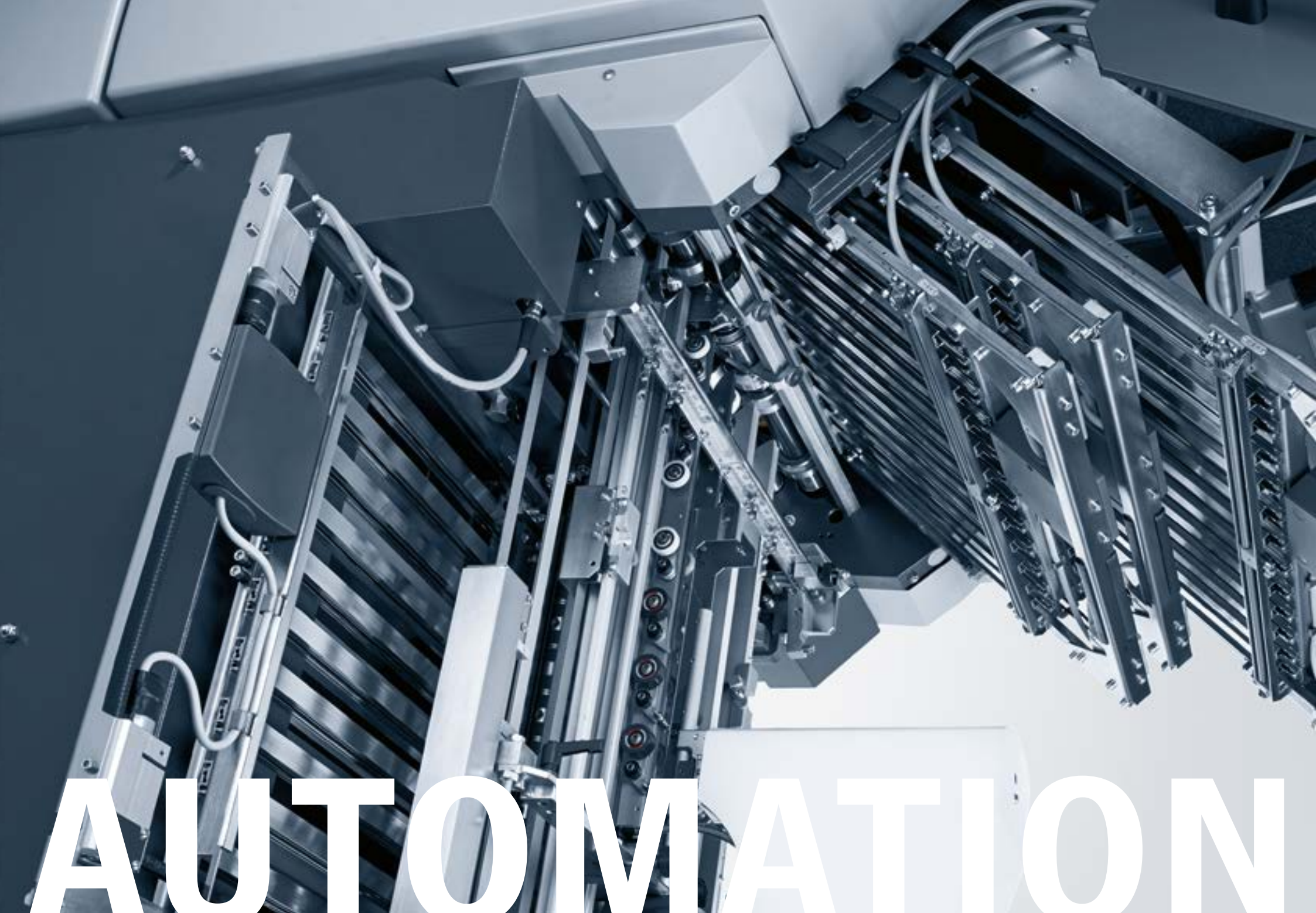
Quick and easy operation
Satisfied employees
The machine operators are relieved, and career changers are trained quickly. This allows you to counteract fluctuation and compensate for personnel shortages more easily.

Working on short runs profitably
Net power
The high degree of automation and shortened makeready times increase the net output. This means that you can also continue to process short runs profitably. At the same time, you increase the responsiveness in order to reliably meet short-term delivery dates. The machine output of up to 9,000 sheets per hour with 16-page signatures in final format DIN A4 also contributes to this.

Realization of versatile folding work
Flexibility
With a Stahlfolder BH/CH, you are in the best position to meet a wide variety of requirements. These can cover a wide range of fold types. In addition, the Stahlfolder BH/CH models are available in different variants and degrees of automation according to your requirements.

Automation
Automated KT crossfold
An example of a technology highlight from HEIDELBERG is the automated cross fold unit of the Stahlfolder CH 56. It reduces makeready times and ensures consistently high output. Whether small runs from digital printing or larger runs from offset printing: You always work profitably.

heidelberg.com/en/bh-ch



AUTOMATION

STAHLFOLDER

The **motorized combination buckle plates** enable precise positioning of the sheet stop.

The **control panel MCT** ensures quick intervention through control panels at the feeder and the subsequent stations.

The **buckle plates with swing deflector** can be used quickly and flexibly as sheet deflectors.

R BH/CH

The **Perfect Grip folding rollers** are low-maintenance, forgiving and ensure excellent folding results.

The **round continuous feeder RFH** enables reliable, non-stop production.

During the production the **preloading device** enables parallel loading of a mobile pile table.

7

Slitter shafts

Rear mounted slitter shafts enable processing such as creasing, perforating and trimming. This increases fold quality and enables the production in multiple ups.

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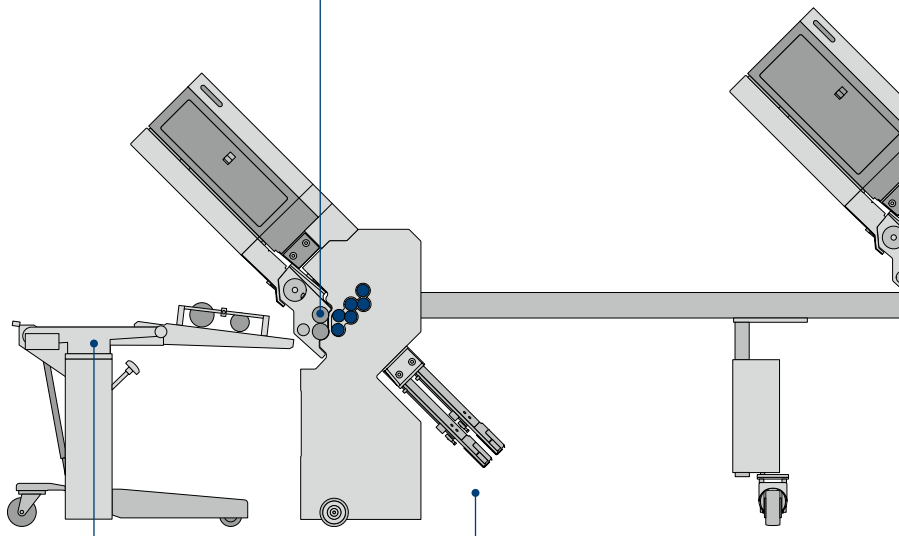
Folding units

The buckle plate units are available in working widths from 56 to 82 cm and with up to six buckle plates. Combi-folding machines with cross-fold unit reduce the space requirement.



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Deliveries

A suitable delivery can be selected for every requirement. Because all deliveries in our portfolio can be combined with the Stahlfolder BH/CH folding machines.

6

Buckle plates

Manual buckle plates with swing deflector or motorized combination buckle plates are the right devices for every application. Optional gatefold buckle plates increase the added value when folding.

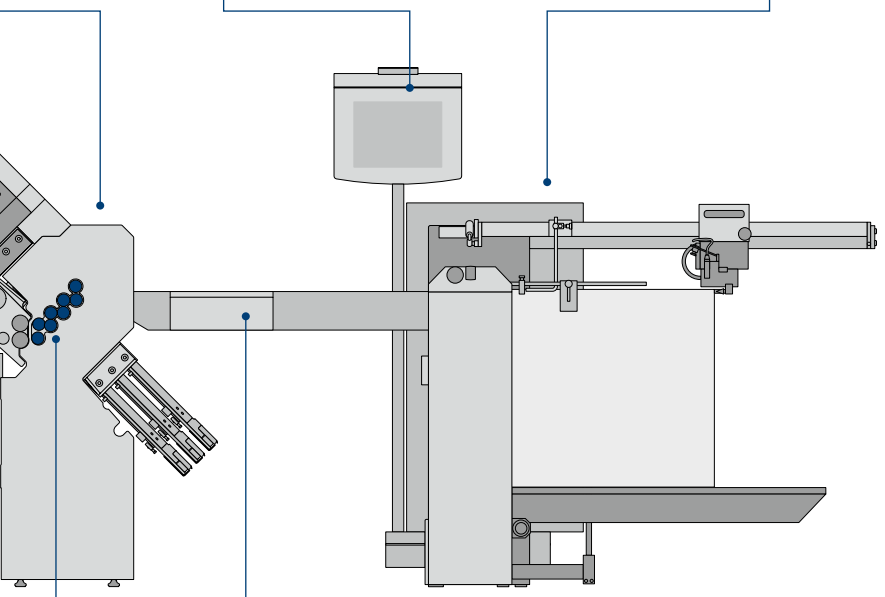
2 Modular control system MCT

The graphical interface makes the operation easy. With touch-screen and Quick Setup, all necessary settings are made with four clicks.

heidelberg.com/StahlfolderQuickSetup

1 Feeder

Our feeder variants flat pile, round continuous, and pallet ensure a customized, fast feeding with just a few handles at an ergonomic working height, a stable sheet separation process and exact sheet alignment.



5 Folding rollers

The Perfect Grip folding rollers combine the advantages of Soft- and Hard PU folding rollers and even exceed them: the breaking sharpness and wear resistance of Hard PU folding rollers combined with the ease of adjustment of Soft-PU folding rollers.

3 Accessories

A gluing device and printed image recognition can also be integrated on the alignment table. This enables the production of end products with high added value on the folding machine.

Further information and technical specifications for your Stahlfolder folding machine can be found here:
heidelberg.com/bh-ch/technical-data

Fast makeready.
Quickly ready for production.

Reliable performance and quality despite the difficult staffing situation – you can achieve both with the Stahlfolder BH/CH folding machines. Because the machines work automatically at key touchpoints.

Wide range of Benefits thanks to Automatization:

Fast Set-up
Quick and easy Settings
The makeready on the automated models is motor-driven. Manual engagements are minimized, errors are reduced, and job changes are accelerated – by up to 30 percent. Your operators only have to enter sheet format, sheet thickness, grammage, and fold type. Job data can also be saved via the touch-screen and called up quickly for repeat jobs. In this way, you avoid unproductive idle times.

Exact data Import
Workflow Integration
For the exact recording of operating data, you can use the integrated data interface Postpress Data Ready, or you connect the folding machine directly to the HEIDELBERG Prinect® Workflow.

Automted Providing of Data
With Postpress Data Ready
Postpress Data Ready automatically provides the basic operating data of the folding machine in standardized XML format. The data can thus be imported into almost any system.

Automated Data Integration
With Prinect Workflow
If you work with a Prinect Workflow, you benefit from additional advantages. Because in addition to recording operating data, you have other efficiency-enhancing functions at your disposal. For example, you can send preset job data from the prepress directly to the folding machine.

High Transparency
For Postpress and Production
Whichever solution you choose: You will increase transparency in postpress, thereby controlling production more efficiently and recognize cost-cutting potential more easily.

All fold types.
From standard to sophisticated.

Whether book production or commercial jobs: The Stahlfolder BH/CH cover a wide variety of fold types. This enables you to offer your customers a wide range of applications and differentiate yourself from your competitors.

Increase your benefits:

Signatures for book production are usually printed in larger runs. This ensures utilizing your folding machine. With the Stahlfolder BH 82, you produce 16-page signatures in the final format DIN A4 at up to 9,000 sheets per hour.

You can achieve higher added value during folding with sophisticated fold types. From a 32 × 47 cm print sheet with a grammage of 135 g/m², an attractive end product is created on your folding machine by means of a concertina fold and subsequent center parallel fold. For example, with the Stahlfolder CH 56 KT auto – and that at a speed of up to 12,000 sheets per hour.

heidelberg.com/en/bh-ch

“Our new Stahlfolder folding machine CH 56 KT makes our work much easier. Thanks to HEIDELBERG, we have been able to massively increase our finishing efficiency.

OSKAR UND REGULA SCHELLENBERG
Owner and Executive Board
Schellenberg Gruppe AG
Zurich

Find out what our customer say:
heidelberg.com/en/bh-ch

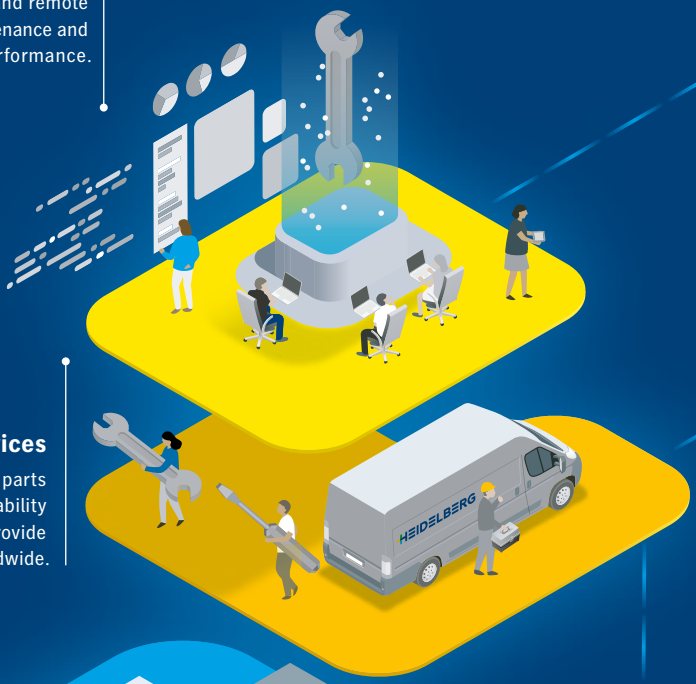
Everything you need in one place.
The HEIDELBERG ecosystem.

Remote Services

Enjoy the benefits of fast and remote problem solving, maintenance and analysis of machine performance.

On-site services

From technical service to parts delivery: To ensure stability in your production, we provide 24/7 support worldwide.

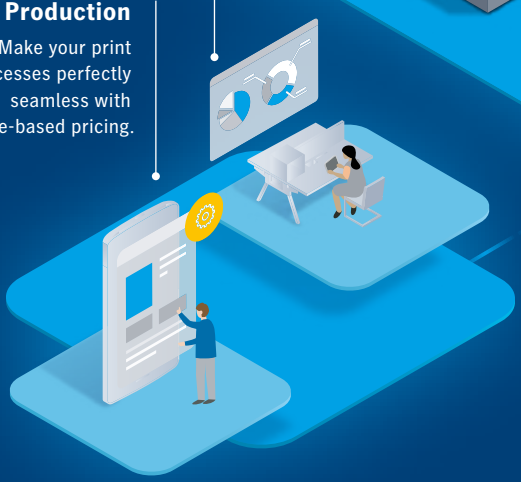


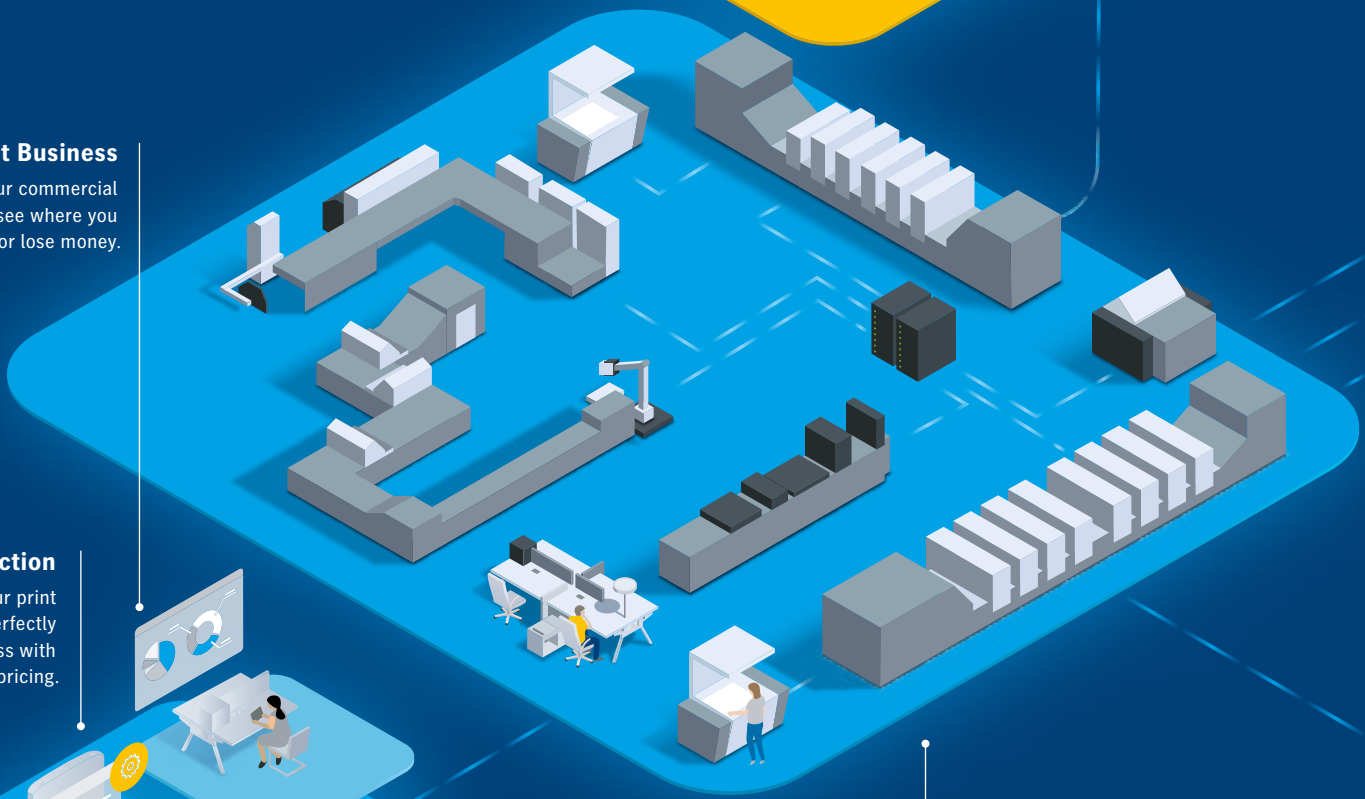
Prinect Business

Automate your commercial processes and see where you make or lose money.

Prinect Production

Make your print processes perfectly seamless with volume-based pricing.

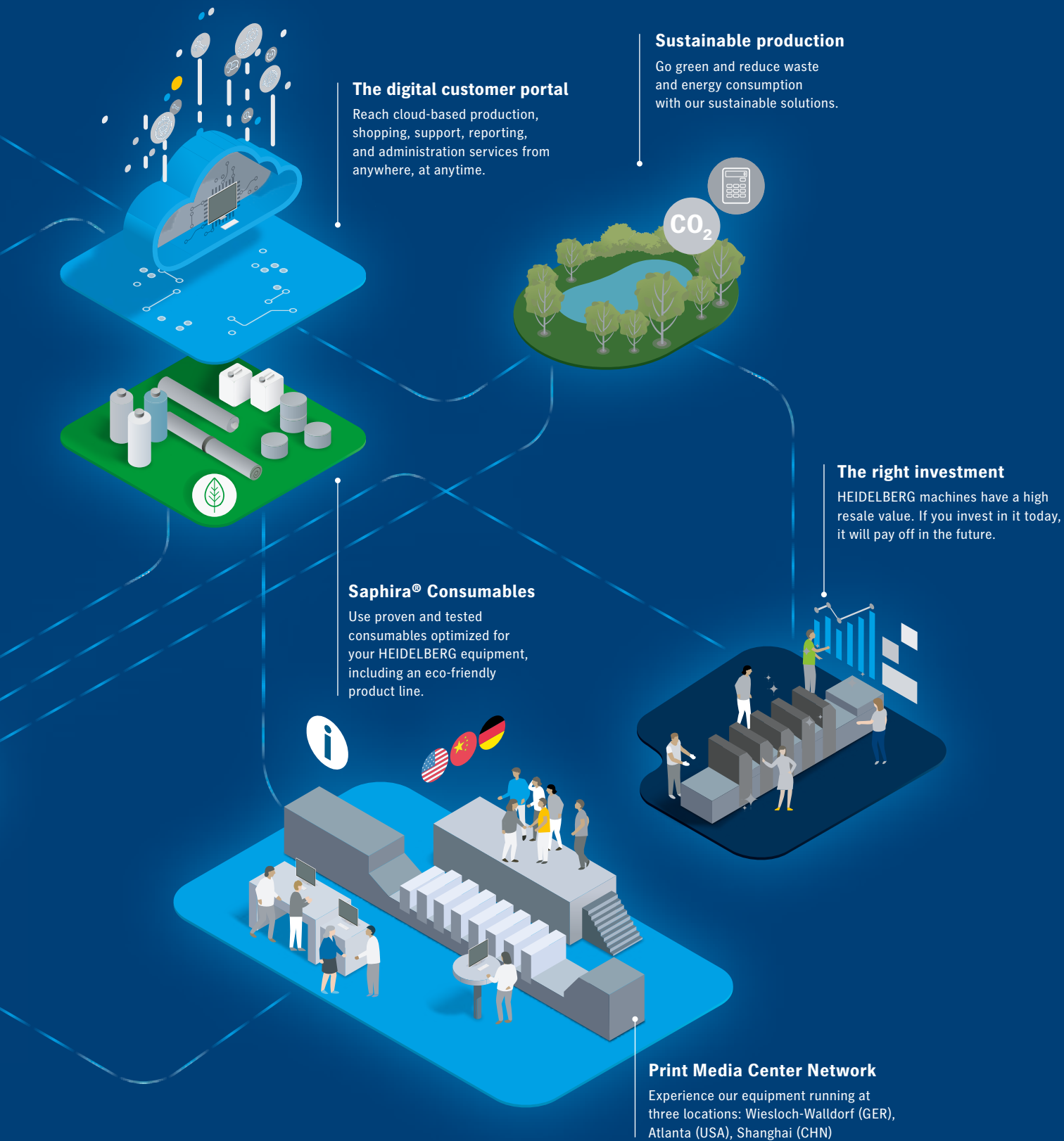




End-to-end production workflow

Increase productivity with speed, quality, digital integration, and reliability.

Every print shop is different, and every customer has unique, comprehensive needs. That is why we have developed our offerings to serve these needs all across the spectrum. What makes us unique is that you can find everything here that makes your print shop smarter, faster, and better. Make HEIDELBERG your one-stop shop for everything that contributes to your success.



The digital customer portal

Reach cloud-based production, shopping, support, reporting, and administration services from anywhere, at anytime.

Sustainable production

Go green and reduce waste and energy consumption with our sustainable solutions.

Saphira® Consumables

Use proven and tested consumables optimized for your HEIDELBERG equipment, including an eco-friendly product line.

The right investment

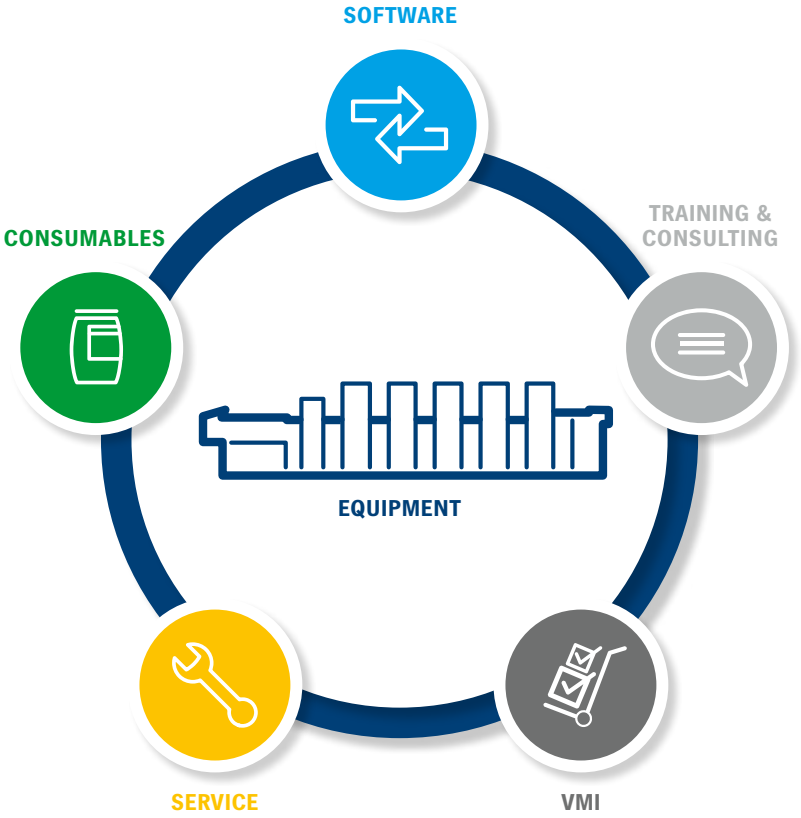
HEIDELBERG machines have a high resale value. If you invest in it today, it will pay off in the future.

Print Media Center Network

Experience our equipment running at three locations: Wiesloch-Walldorf (GER), Atlanta (USA), Shanghai (CHN)

HEIDELBERG Contracts.
Contract packages as individual as your requirements.

You benefit from a combination of best-in-class products from HEIDELBERG. Our Lifecycle and Subscription packages help you keep your machines running at their best.



Lifecycle
Pay-per-month

Subscription Smart
Pay-per-outcome

Subscription Plus
Pay-per-outcome

Our contracts are scalable to your needs:
We put together a lifecycle contract package for you from at least two of the three components – service, consumables and software. This offers you everything you need for reliable and stable printing production. The services are billed on a monthly basis. Subscription also includes training and consulting, Vendor Managend Inventory (VMI), and optional equipment. VMI automates the management of consumables. Thanks to the strong partnership with HEIDELBERG, you can enjoy the benefits of a comprehensive and optimized print production system. With Subscription, payment is made per printed sheet.

The following applies to both packages: You reduce your process costs and gain more time for your customers.

Have we piqued your interest? Let us work together to create your customizedz solution package that best fits your needs.
heidelberg.com/contracts

How can we help you?
Get in touch with us.

We hope that this brochure will inspire you. There is more we can tell you about how we could make your printing business more efficient and profitable.

If you are interested in the Stahlfolder BH/CH or would like to learn more about what we can offer, feel free to **contact us.** We're only ever an e-mail or phone call away.

Reach us by email
contact@heidelberg.com

Use the contact form
heidelberg.com/info

Please find the phone numbers of your local sales organization here:
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For details on the emissions of the Stahlfolder BH/CH, please visit us at heidelberg.com/emissiondetails

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