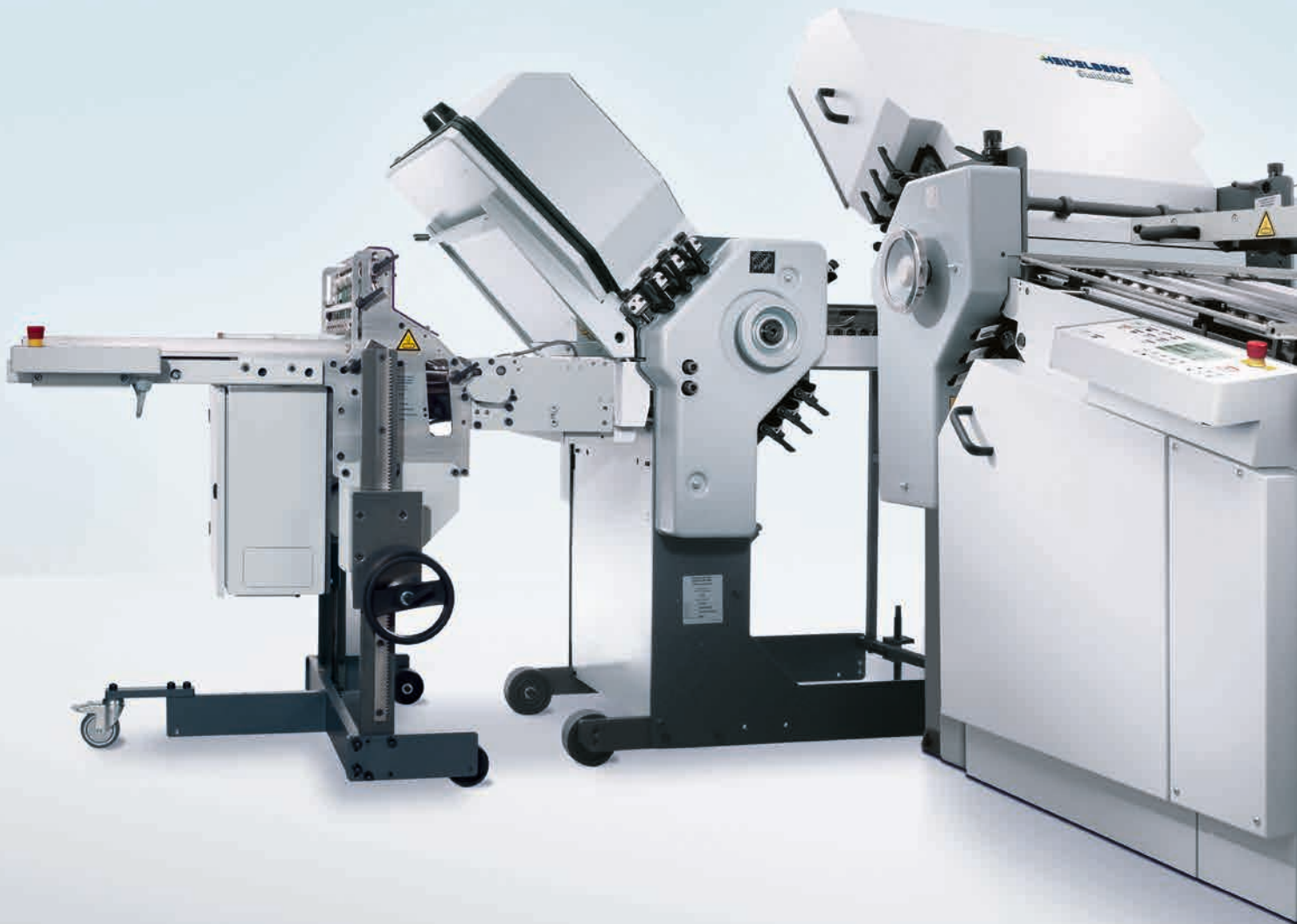# A big hitter in small format.
Stahlfolder Ti.

HEIDELBERG

Convincing in small format.
Stahlfolder Ti.

The Stahlfolder® Ti 36 and Ti 52 folding machines are a big solution in the small and medium-size format range. As flexible all-rounders with up to three folding stations and a maximum of six buckle plates, they convincingly meet a variety of requirements. They not only reliably cover a wide range of fold types, but can also handle challenging jobs involving complex folds with ease.

The Stahlfolder Ti 36 is designed for small formats and miniature folding applications such as mini booklets or packaging inserts for pharmaceutical products. The Stahlfolder Ti 52 meets your customers' requirements in the medium-size format range with a wide variety of folding applications right through to multiple gluing operations.

Or take advantage of the benefits of both machines. Combining the Stahlfolder Ti 52 and Stahlfolder Ti 36 in a customized configuration gives you greater flexibility and allows you to also offer miniature folds in the medium-size format range. The machine is also easy to operate thanks to the clear control system with graphical symbols and a learning mode.

It pays for you to be this versatile. With a small investment you can offer folded products with high added value. Your investment will quickly pay itself off on this basis. The prerequisite for long-term success.

Leader in postpress.
10 clear benefits*.

Productivity

Increase net output by

15 % through non-stop operation with the round continuous feeder or the NSF 36.

Ecology

CO$_2$-neutral production of the folding machine and energy requirement of just 2.3 kW with the Stahlfolder Ti 36.

Makeready

Quick and easy makeready through good accessibility and learning mode with automatic setting of the sheet spacing, suction length, and speed.

Cross-fold types: The **KBi cross-fold unit** can be quickly mounted as required.

User friendliness

Easy switching from deflector to buckle plate function without having to remove the combination buckle plates.

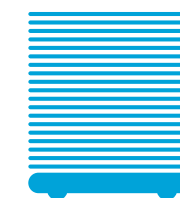All settings as well as loading and unloading are carried out at an **ergonomic working height.**

Availability

Low-maintenance design for **maximum machine availability.**

Camera systems above and below satisfy the requirement for

100 % control and monitoring of folding.

Value added

Minimum fold length:

20 mm

Economical production of **products with the smallest of folds**.

Gate fold types and glued products increase the **value added.**

* See reverse

Outstanding characteristics.
The facts at a glance.

Stability and reliability for a wide range of applications in the small and medium-size format range: this offers a variety of options for increasing the value added during folding. Extensive equipment options and the modular design cover all needs.

Equipment:
- Tremat sheet separator at the flat pile feeder for reliable sheet separation with up to 45,000 cycles per hour
- Print image recognition from above and below guarantees 100% control and monitoring of production for particularly challenging jobs and customers
- Easy switching from buckle plate to sheet deflector function with combination buckle plates
- Gate fold buckle plates extend your range of applications
- CCT digital control system ensures simple operation
- Tailored range of deliveries: all Heidelberg deliveries can be used on Stahlfolder Ti folding machines

Highlights:
- Wide range of applications from the smallest folds like packaging inserts with a minimum fold length of 20 millimeters right through to flyers
- Short throughput times guarantee high productivity in the small and medium-size format range
- Reliable folding machine with low overheads for operation and servicing
- High value retention and tried and tested technology like Tremat, prismatic guide, and ExtraGrip folding rollers protect your investment
- Extensive range of cutting, perforating, and creasing tools permits applications like edge or strip trimming and creases to protect against ink cracking

➔ **You can find more about the details of the Stahlfolder Ti here: heidelberg.com/en/ti**

S

Quality from the manufacturer:
Original Heidelberg Service Parts.

- Exclusive use of original Heidelberg service parts
- Comprehensively tested and proven in practice
- High performance of your high-quality Heidelberg machine is maintained
- Installation by qualified Heidelberg service technicians
- Smart logistics and global sales network with 24/7 worldwide delivery

➔ **heidelberg.com/en/original**

E

The perfect printing solution:
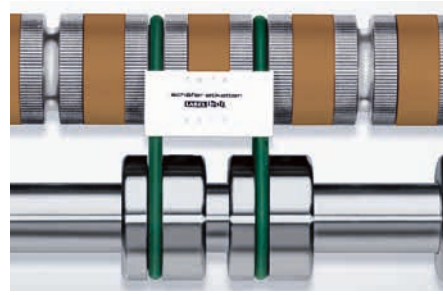**Speedmaster equipment.**

- 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**

This and all following information is dependent on the machine configuration, job structure, and organization of internal procedures. Some of the components mentioned are not included in the standard equipment.

Space-saving KBi 36 and KBi 52 cross-fold unit with easy makeready.

Special devices for safe sheet transport for small products.

Switching from sheet deflector to buckle plate function without removing the combination buckle plates.
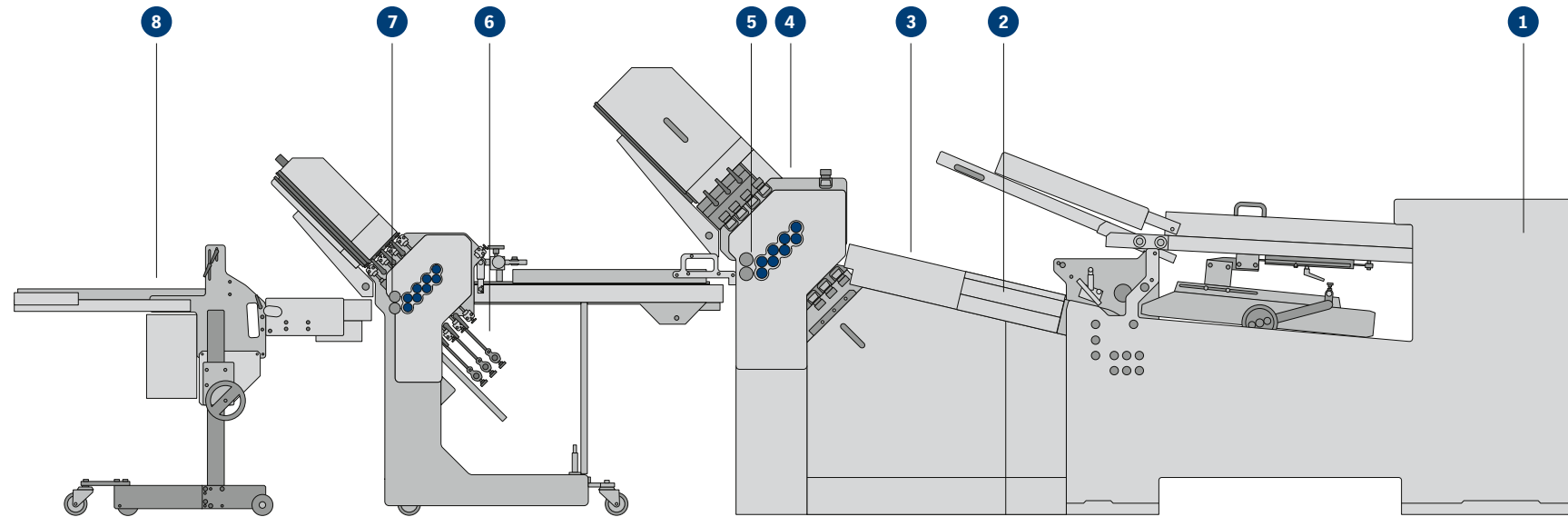

Increase the value added with gluing applications.

Wet scoring prevents thick folded products from 'popping up'.

Flat pile feeder with sheet separation device for reliable sheet separation.

1 **Feeder**
Suitable feeder systems for every need: flat pile feeders for short to medium production runs and round continuous feeders for non-stop mode and longer production runs.

2 **CCT digital control system**
Clear control system with graphical symbols and functions like learning mode and counter function.

3 **Accessories**
Monitored production with print image recognition from above and below; different gluing applications such as center, multiple, and auxiliary gluing.

4 **Folding units**
Folding stations in working widths of 36 cm and 52 cm and up to six buckle plates permit customized configurations. The additional KBi 36, KBi 52, and VFZ 52 knife fold units permit further fold types.

5 **Folding rollers**
ExtraGrip folding rollers with soft PU ensure consistent process reliability, gentle sheet transport, and impressive fold quality. Hard PU folding rollers are specially designed for processing lightweight papers.

6 **Buckle plates**
Various buckle plates such as swing deflector buckle plates, combination buckle plates, or gate fold buckle plates offer maximum flexibility.

7 **Slitter shafts**
Rear-mounted slitter shafts with plug-in connection in all stations for receiving a variety of creasing, perforating, and cutting tools.

8 **Deliveries**
Coordinated delivery systems for individual customer requirements: Heidelberg's entire range of deliveries can be combined with Stahlfolder Ti folding machines.

→ **You can find more about the technical data for the Stahlfolder Ti here: heidelberg.com/ti/technical-data**

The machine shown is a sample configuration. Some of the equipment features mentioned are optional.

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For details on the emissions of the Stahlfolder Ti folding
machines, please visit us at heidelberg.com/emissiondetails

Subject to technical modifications and other changes.

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