



Additional value for your die-cut applications. **Master 820 C/CS.**



For every purpose, from commercial to packaging.

MASTER 820 C/CS.

The Easymatrix 106 C/CS is perfect for getting started in folding carton production. With its wide range of processable materials, the machine not only appeals to straightforward folding carton producers, but is also suitable for classic commercial applications (e.g. greeting cards, folders, tickets, flyers, brochures, etc.).

At the same time, folding carton production is gaining more and more importance in commercial print shops. With a machine speed up to 7,700 sheets per hour and a maximum sheet format of 750 × 1,060 mm (29.53 × 41.73 in), the Easymatrix thus represents a notable increase in productivity, compared to the use of conventional hand platen and cylinder machines.

The Easymatrix 106 is available as C version or CS version. The C version features a die-cutting station, while the CS version comes equipped with an additional stripping station. The stripping station allows for mechanical removal of internal waste, lateral edges and the rear edge of the sheet (depending on the sheet layout). This reduces downstream manual work to a minimum or even eliminates it completely.

The Easymatrix 106 C/CS is designed for an easy operation. It is focused on functions, which allow quick familiarization, efficient production, as well as high quality and flexibility. This Easymatrix 106 C/CS is ideal for conventional commercial jobs and it also opens up the opportunity to enter the packaging segment. Commercial printers can also work and grow with this machine.

The GS certificate verifies that the Easymatrix 106 C/CS underwent rigorous testing and thus meets the strict safety standards of the German professional association ETEM (Energie Textil Elektro Medienerzeugnisse).

The Easymatrix 106 C/CS is manufactured by Masterwork, exclusively distributed by Heidelberg and backed up by the professional and renowned, worldwide Heidelberg sales and service network.

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Outstanding characteristics. The facts at a glance.



Highlights:

- Non-stop function in feeder and delivery
- Integrated cutting plate fine adjustment
- Motorized die-cutting pressure adjustment
- Chase frame changer for die preparation outside the machine (option)
- Quick-lock chase for easy and quick clamping of cutting tools (option)
- Quick-lock chase with fine adjustment for quick and easy setup of the stripping tools (option)
- Gripper edge removal device for mechanical separation of the front sheet edge (option)
- Simple operating concept
- The basic model is already equipped with all functions and equipment to start the production
- Short makeready times
- High flexibility thanks to extended range of materials
- Accommodates smaller die-cutting tools
- Attractive price-performance ratio

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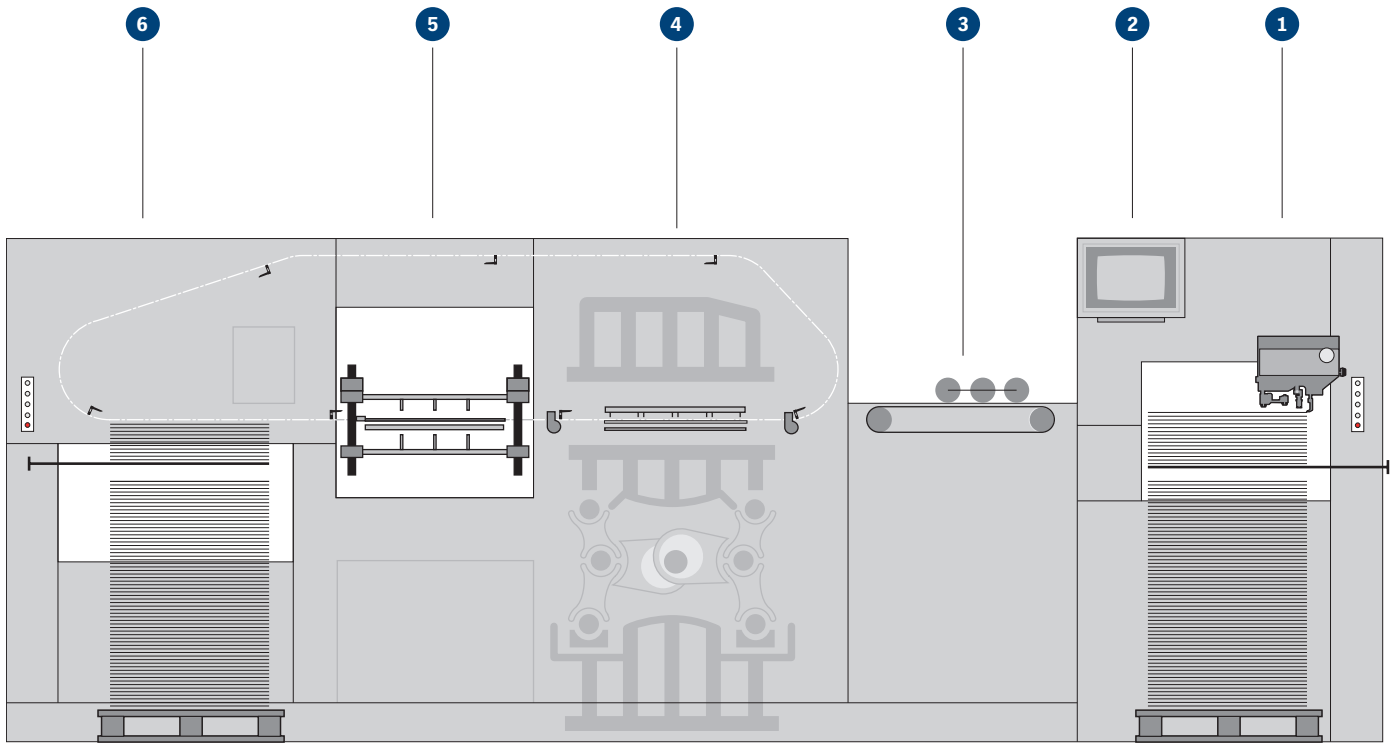


For value retention and maximum performance:

Service agreements

- Service agreements offer security and peace of mind, while at the same time providing you with the benefits of full cost control and simple administration
- Servicing by highly trained technicians
- Exclusive use of original service parts
- Protection of your machine investment
- Retention of a high resale value

 [heidelberg.com/service-agreements](https://www.heidelberg.com/service-agreements)



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



1 Non-stop feeder

- Suction head for paper, cardboard and corrugated cardboard
- Suction head with quick-positioning function
- Pile platform with motorized pile side alignment
- Mechanical double-sheet control



2 Systems engineering

- Touchscreen for machine operation
- Local control panels
- CE conformity
- GS certificate

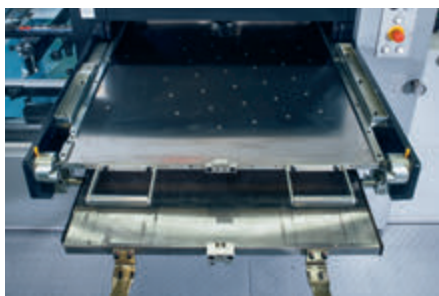


3 Feeder table

- Register system
- Side lay with pull/push function on operator and drive side
- Central adjustment of brushes and rollers
- Four front lays with active optical monitoring
- Sheet slowdown feature
- Suction tapes (option)

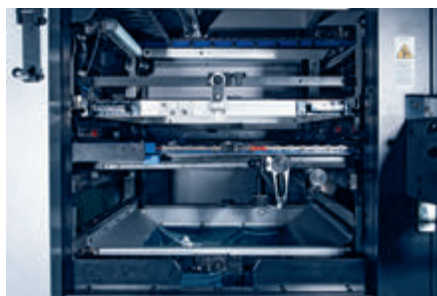
Technical data

Processable materials	Easymatrix 106 C/CS
Paper (min.)	90 g/m ²
Solid cardboard (max.)	2,000 g/m ²
Corrugated cardboard (max.)	4 mm (0.16 in)
Performance data	
Sheet format (max.)	750 × 1,060 mm (29.53 × 41.73 in)
Sheet format (min.)	360 × 400 mm (14.17 × 15.75 in) 300 × 350 mm (11.81 × 13.78 in) (option)
Die-cutting pressure (max.)	2.6 MN/260 t
Machine speed (max.)	7,700 sheets per hour
Pile heights (incl. pallet)	
Feeder pile height (max.): without non-stop in non-stop operation	1,150 mm (45.28 in) 900 mm (35.43 in)
Delivery pile height (max.)	1,000 mm (39.37 in)



4 Die-cutting station

- Register system
- Motorized die-cutting pressure adjustment
- Cutting plate fine adjustment
- Air cushion for easy cutting plate handling
- Quick-lock chase
- Chase changer (option)



5 Stripping station

- Quick-lock device for the center stripping board
- Electronic sheet monitoring
- Quick-lock chase (option)
- Preparation table (option)



6 Non-stop delivery

- Non-stop rake
- Non-stop rolling carpet (option)
- Pneumatic flap for test sheet removal
- Sheet size adjustment with position indicators
- Sheet brake brush
- Strip inserter (option)
- Gripper edge removal device (option)

Features and Benefits.

Easymatrix 106 C/CS.

Availability



The perfect solution for **advanced commercial applications.**

Heidelberg Service. Full support thanks to largest service coverage in the industry for parts, installation, training and production.

Organize the entire production chain and keep the value chain **in-house.**

750 × 1,060 mm (29.53 × 41.73 in) format. Compatible with all Heidelberg 70 × 100 Speedmaster presses, including the **Speedmaster XL 106.**

C or CS.

Available with die-cutting station (C) or die-cutting and stripping station (CS).

Productivity



Die-cutting speed

7,700
sheets per
hour

with non-stop function in feeder and delivery.

Processing of cardboard up to **2,000 g/m².**

Cutting versatility.

Processes materials as thin as

90 g/m².

User-friendliness



Safe Operation.

Confirmed by GS certification.

Easy to learn, simple to operate thanks to ergonomically arranged control panels and a touchscreen.

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For details on the emissions of the Diana Easymatrix 106 C/CS, please visit us at heidelberg.com/emissiondetails

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