



PURE PHOTO
QUALITY

» **fastBook** - the ideal system
for high quality book blocks «

Key benefits

Lay-flat binding

Always opens flat

- Book blocks with durable lay-flat binding resulting in a professional presentation
- One panorama photo can be placed over two book pages without unattractive bump in the middle of the image
- Each book page of the finished purePhoto™ book always opens flat
- Lay-flat binding is extremely robust and durable so book pages do not fall out even after intensive use



Key benefits

Flat opening

No lost pictures due to gutters

- Each book page of the finished purePhoto™ book opens flat

Panorama pages

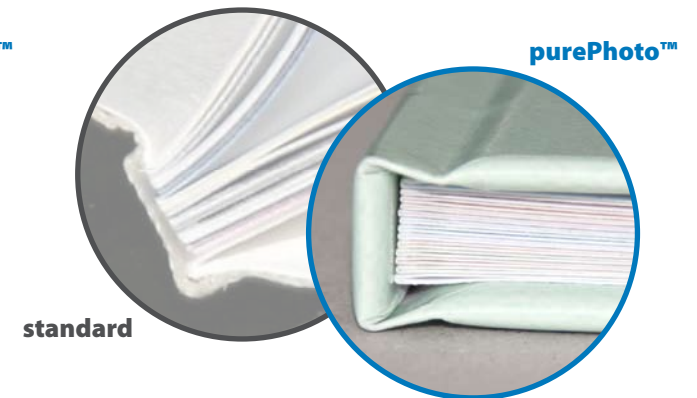
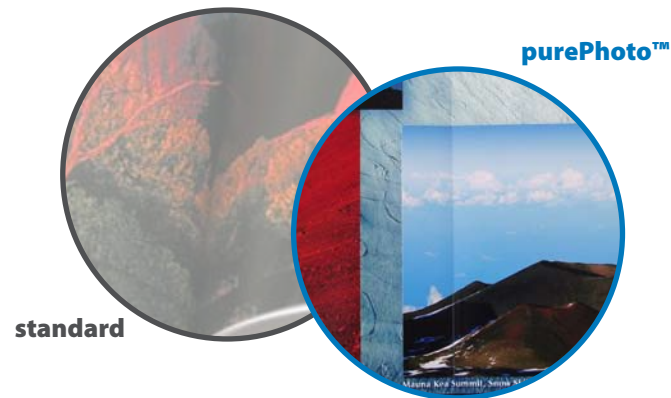
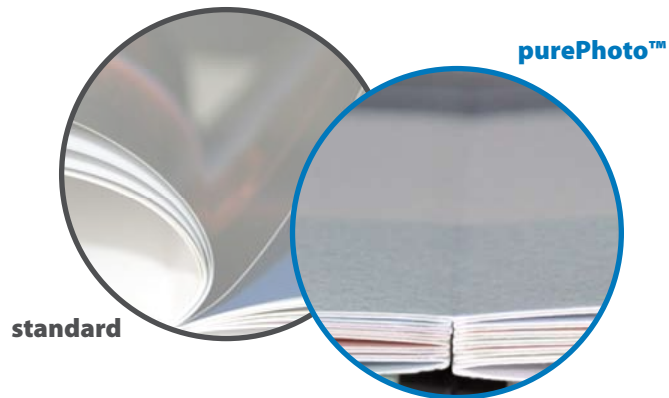
Smooth transitions

- Excellent reproduction of panorama pages
- No disturbing bump in the middle

No curing time

Immediate postprocessing

- Extremely durable and robust binding
- purePhoto™ Glue allows immediate postprocessing of book block



Key benefits

High productivity

High quality book blocks

- You receive high-quality book blocks automatically produced from creased and folded book pages
 - Paper width: between 10.2 cm and 30.5 cm (4" to 12")
 - Length of folded paper: from 12.5 cm to 45.0 cm (4.9" to 17.7")
- High performance of 1,200 cycles per hour corresponding to 100 book blocks with 20 pages (10 sheets) per hour
- No specialists needed: semi-skilled operators are sufficient



Calendars



Photo books

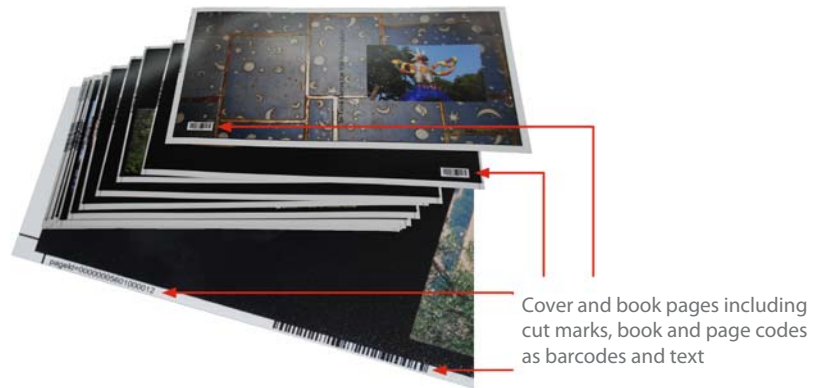


General view

Easy integration and operation

Optimal workflow

- fastBook can easily be integrated in your production line



purePhoto™ Glue

Developed glue

allows same day shipment

- Immediate postprocessing after gluing
 - no curing time
 - no buffer stock
 - same day shipment
- purePhoto™ Glue is supplied as pellets for easy, clean and safe handling

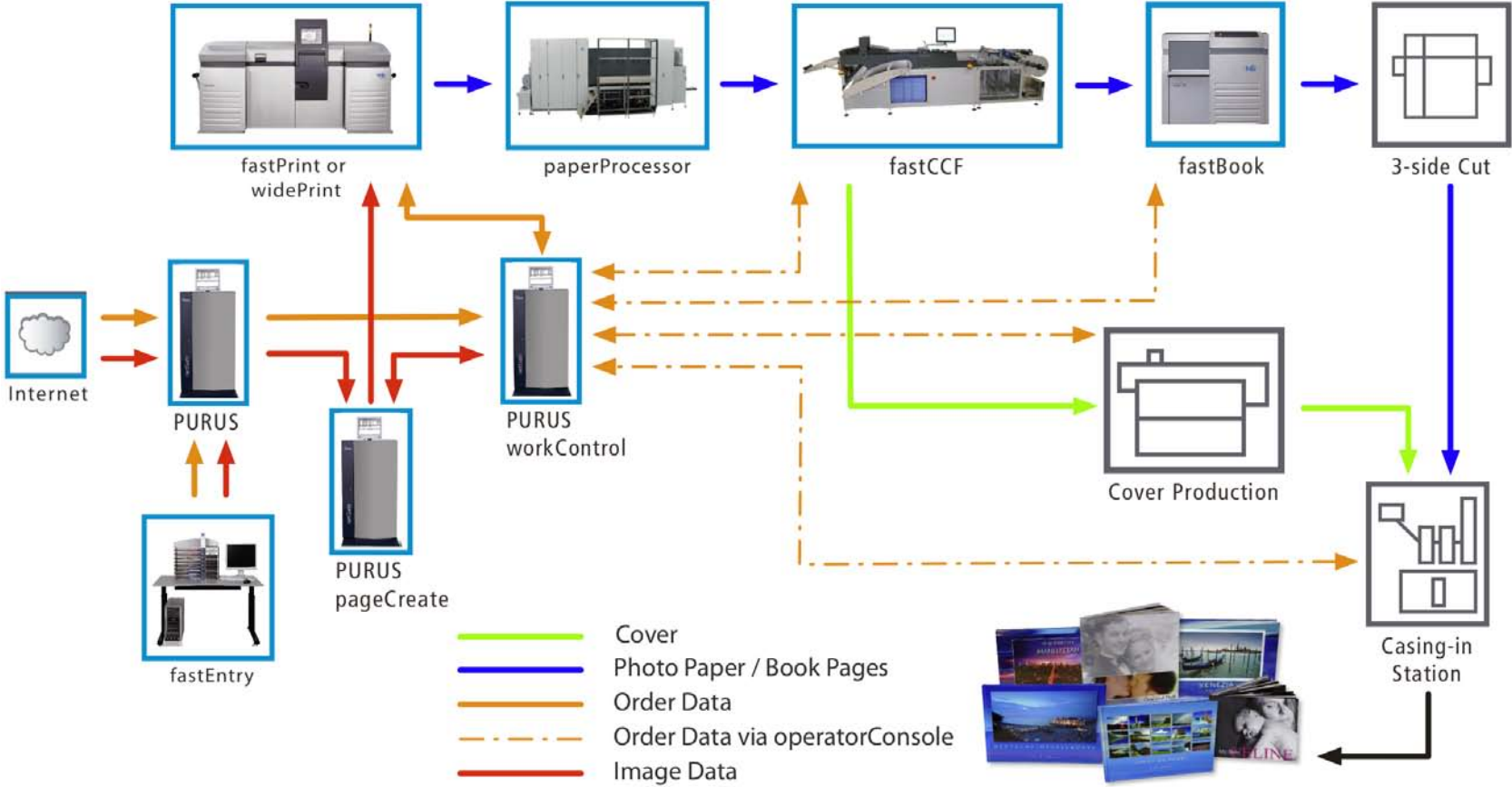
Formulated tests

achieve highest quality standards

- purePhoto™ book quality is very dependent on the applied glue
- purePhoto™ Glue is a special composition formulated from thousands of tests and achieves the highest quality standards for purePhoto™ books
 - Optimal haptics - look and feel of photo books results from the paper surface and the applied glue
 - Optimal flatness - assured by purePhoto™ Glue in combination with lay-flat binding, proven by intensive tests
 - Smooth turnover of purePhoto™ book pages



The purePhoto™ workflow

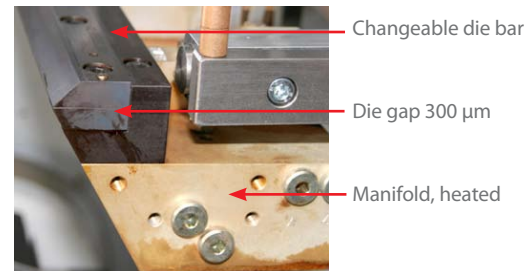
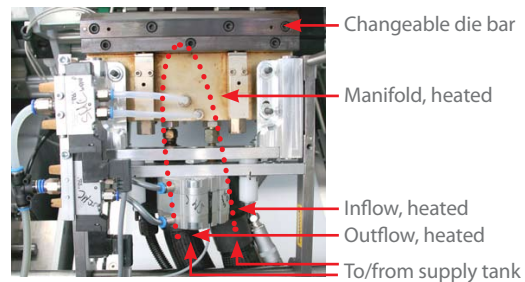


Die coating

Functional principle

Closed circuit

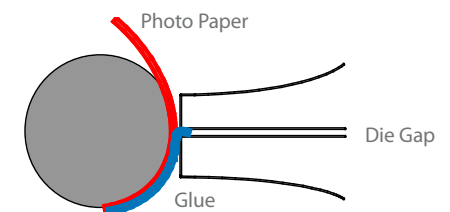
- Glue is heated in an external tank and pumped from the supply tank to the manifold
- Control valves open the 300 μm die gap and glue is pressed through the gap onto the passing paper
- When the valves are closed, glue is delivered back to the supply tank



Benefits of die coating

for perfect gluing compared to roller coating

- No contamination of glue with e.g. dust
- No ingress of air humidity \rightarrow no bubbles in the glue and on the paper, proper gluing, no exhaust air required
- No contact with atmospheric oxygen in the system, closed circuit
- High temperatures possible, up to 200°C, usage of glues with high melting point possible



Die coating

Benefits of die coating

Accuracy of glue application

- Intermittent application of glue via nozzle is very precise and homogeneous, positioning accuracy is 1 mm
- Proper and homogeneous application at start and end point
- Glue stays inside the defined area
- Constant and accurate amount of glue guaranteed, accuracy: less than 1 gramm per sqm; reproducible glue application
- No problems with differing batches and viscosities, the pump always delivers the correct volume
→no further adjustments needed

Gluing properties

- Paper cannot stick on the die bar
- Temperature distribution much more precise
→ no differences in viscosity
→ homogeneous glue application
- Large external reservoir, 8l, lasts for approx. 250 books

Format change

- One changeable die bar for each format
- Standard die bars for 10.2 cm (4"), 12.7 cm (5"), 20.3 cm (8"), 30.5 cm (12")
- Other sizes of die bars on request



Technical data

Input

- **Paper width**
Between 10.2 cm and 30.5 cm (4" to 12")
No continuous paper width
Customer orders die bars corresponding to requested paper widths
- **Length of folded paper**
From 12.5 cm to 45.0 cm (4.9" to 17.7")
- **Type of processed paper**
Thin photo paper, 160 µm to 210 µm thickness
Normal paper, 160 µm to 210 µm thickness

Performance

- **1,200 cycles per hour**
Corresponds to 100 book blocks à 20 pages per hour or 50 book blocks à 40 pages per hour
- **Thickness of book block**
Max. 2 cm (0.8")

Gluing

- Single sheets are folded in the shape of a "V" then glued on their back
- Advanced purePhoto™ Glue results in long-durable binding
- After gluing no curing time for further processing steps

Hardware

- **Power Supply**
400 V, 50 Hz, 3-phase,
Connection power: 12 kW
Transformer available for different voltages
- **Dimensions (overall)**
Length 139 cm (4.6 feet), depth 125 cm (4.1 feet), height 130 cm (4.3 feet)
- **Weight**
Approximately 750 kg (1,653 lb)
- **Compressed Air**
0.55-0.7 MPa (1 MPa = 10 bar), oil-free
- **Environmental Requirements**
Operation: relative humidity of 30 % to 75 %, room temperature of 17°C to 27°C (63°F to 81°F)



Product portfolio

Input



Efficient processing of analog and digital input from film, CD, memory sticks etc

- fastScan
- reScan
- fastEntry

Software



Industry-leading image enhancement software and workflow systems for easy implementation, and frontend solutions without click rate

- netGate
- PURUS
- VIESUS™
- photoClient

Output



Fastest digital printers worldwide exposing up to 20,000 prints per hour from 8.9 - 30.5 cm (3.5"-12")

- fastPrint 8
- fastPrint 12
- fastPrint 20
- widePrint 8"
- widePrint 12"

Processing



High-performance paper processor with optimal integration both to analog and digital workflow

- paperProcessor VSP 25-12
- paperProcessor VSP 50

Post-Processing



Advanced systems for production of book blocks for purePhoto™ books and for cutting, packing and sorting

- fastBook
- fastCCF, fastCut*
- wideCut, combiCut*
- fastPack, fastMail*

*manufactured by our subsidiary
Imaging Postprocessing Solutions,
Germany

Imaging Solutions - Your system partner



SWISS MADE



purePhoto™

is for people with a vision
of the **future**, who love and enjoy
quality, and who believe in the
beauty of pure photo products.

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QUALITY

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