

Heidelberg Topsetter 120P



Versatility, Reliability and Value

Nowadays, more and more presses in round-the-clock operation use CtP recorders for plate feeding. This has the great advantage of ensuring continuously high output on consistently good plates, thus maximizing press utilization levels. To remain profitable despite increasing numbers of ever smaller print jobs, large-scale printers are demanding more automation in plate production. With its commitment to prepress solutions, Heidelberg has the answer. Our made-to-measure CtP recorders support a wide range of different formats and run at extremely high speeds. Our CtP recorders will dramatically increase your productivity. The Topsetter P 102 and PF 102 platesetters offer flexibility, quality and reliability at the highest level. They provide a unique degree of automation, particularly important in industrial commercial printing. They are versatile in every respect.

Fully Automatic and Customizable

1.
Modular concept - both semi-automatic and fully automatic operating capabilities depending on the user's individual needs.
2.
Productivity and Flexibility - outstanding productivity and versatility.
3.
Ideal solution for a wide range of formats - best solution for industrial commercial printing.
4.
State-of-the-art punching technology - can be fitted with three integrated punching systems.

Fully Customizable, Automatic and Upgradeable

The Topsetter P 102 and PF 102 can be extended to match your very specific requirements as they support both semi-automatic and fully automatic operation. You decide precisely what you need. The platesetters can also easily be upgraded at a later stage. The maximum configuration consists of a fully automatic unit with online processor and a capacity of up to 500 printing plates. A maximum of five cassettes each holding 100 plates allows you to load up to five different formats. Heidelberg can also supply you with suitable RIP and workflow solutions for fast data processing and optimum integration into your existing prepress environment.

Benefits

- * Easy upgrading:
 - Semi-automatic mode
 - Semi-automatic mode with online processor
 - Automatic mode with single cassette
 - Automatic mode with multiple cassettes
- * Parallel installation of up to three punching systems. In addition to the standard punching systems available for presses from Heidelberg and other manufacturers, customer-specific punching systems can also be integrated
- * Conveyor to online processor
- * In order to ensure a seamless digital workflow, Heidelberg offers two perfect software alternatives for controlling the Topsetter - Prinect MetaShooter and Prinect MetaDimension.
- * Prinect MetaShooter (TIFF-B import) can also be used to integrate workflows like Delta Technology, Prinergy or third-party systems.

With up to 13 Printing Plates per Hour the Topsetter 102 Can Satisfy All Quality Requirements

The Topsetter P 102 and PF 102 deliver maximum productivity in eight-page formats. Depending on the type of plate, the Topsetter P 102 can easily produce up to 13 printing plates per hour at 2,400 dpi. It is equipped with a total of five resolution levels between 1,200 and 4,000 dpi and can therefore satisfy the full spectrum of quality requirements. With 32 laser diodes, which can be replaced individually, all popular 830 nm-sensitive thermal plates can be imaged under daylight conditions. The Topsetter PF 102 supports the same range of formats, but at greater

speeds. With its new 64-channel laser head and production speeds of up to 20 plates per hour, the Topsetter PF 102 is highly flexible with an extremely prolific output.

Benefits

- * High productivity
- * High flexibility

Supports Presses over an Extensive Range of Formats

The Topsetter P 102 and PF 102 are the best solutions around when it comes to optimizing production for industrial commercial printing. They support presses over a wide range of formats - including the Printmaster GTO 46 and 52, the Speedmaster SM 52 and the Speedmaster 74 and 102 models.

High Speed Register Accuracy and Precise Plates

Register accuracy is essential in color printing. To ensure that register errors are truly a thing of the past, the Topsetter P 102 and PF 102 can be fitted with three integrated punching systems. After the printing plate has been loaded, the Topsetter automatically centers and punches the plate for the specific press - only then is imaging performed, relative to the punch holes.

Benefits

- * Precise plates for color sets and reprints
- * Shorter make-ready times
- * Less waste
- * Faster runup to production speed

Technical Specifications Topsetter P 102

- * Basic unit: eight-page platesetter with external drum
- * Handling: semi-automatic, fully automatic (single cassette), fully automatic (multiple cassettes)
- * Media: infrared 830 nm-sensitive aluminum thermal plates
- * Dimensions (W x H x D): basic machine 2,505 x 1,242 x 1,305 mm (98.6 x 48.9 x 51.4 in)
- * Weight: basic machine 1,182 kg (2,606 lb)
- * Plate format (W x H) 370 x 450 mm (14.6 x 17.7 in) to 940 x 1,160 mm (37.0 x 45.7 in) (370 x 450 mm plates - manual plate feed only)
- * Imaging area: max. 1,160 x 916 mm (45.7 x 36.1 in); optionally 1,160 x 924 mm (45.7 x 36.4 in) at reduced drum speed
- * Plate thickness: 0.15 to 0.30 mm (0.006 - 0.012 in)
- * Laser type: 32 infrared diodes (1 W / diode); Laser Product Class 1
- * Resolution: 1,200 / 2,000 / 2,400 / 2,540 / 4,000 dpi (dependent on Digital Front End System)
- * Repeatability: +/- 5 µm for four successive imagings at 23° C (73.4° F) and 60 percent relative humidity
- * Productivity: 13 plates / hour at 2,400 dpi and plate format 1,030 x 790 mm (40.5 x 31.1"); dependent on plate type
- * Ambient conditions: operating temperature: 18° C to 26° C (64.4° F to 78.8° F), 40 to 70 percent relative humidity; 21° C to 25° C (69.8° F to 77° F) recommended
- * Power supply: 200 - 240 V AC, recorder 0.8 kW, 7.5 A (basic unit), including SCL or MCL P102: 1.5 kW, 12.5 A; blower unit BU 102: 1.8 kW, 10 A
- * Options: conveyor to online processor, Single Cassette Loader (100 plates) including slip sheet removal, Multi-Cassette Loader (3 - 5 cassettes, each with 100 plates), internal punches (max. 3 pairs)
- * Noise level: 67 dB (A)
- * Safety approvals/conformity: GS, UL, cUL, GOST/CE, FCC, CDRH, CAN

Technical Specifications Topsetter PF 102

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Imaging area: max. 1,160 x 916 mm (45.7 x 36.1 in); optionally 1,160 x 924 mm (45.7 x 36.4 in) at reduced drum speed
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Plate thickness: 0.15 to 0.30 mm (0.006 - 0.012 in)
- *
Laser type: 64 infrared diodes (500 mW / diode); Laser Product Class 1
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Resolution: 1,200 / 2,000 / 2,400 / 2,540 / 4,000 dpi (dependent on Digital Front End System)
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Repeatability: +/- 5 µm for four successive imagings at 23° C (73.4° F) and 60 percent relative humidity
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Productivity: 20 plates / hour at 2,400 dpi and plate format 1,030 x 790 mm (40.5 x 31.1"); dependent on plate type
- *
Ambient conditions: operating temperature: 18° C to 26° C (64.4° F to 78.8° F), 40 to 70 percent relative humidity; 21° C to 25° C (69.8° F to 77° F) recommended
- *
Power supply: 200 - 240 V AC, recorder 1.1 kW, 15 A (basic unit), including SCL or MCL, PF102: 1.8 kW, 20 A; blower unit BU 102 1.8 kW, 10 A
- *
Options: conveyor to online processor, Single Cassette Loader (100 plates) including slip sheet removal, Multi-Cassette Loader (3 - 5 cassettes, each with 100 plates), internal punches (max. 3 pairs)
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Safety approvals/conformity: GS, UL, cUL, GOST/CE, FCC, CDRH, CAN

Heidelberg top setter 120P

Noble design and High-End CtP do not exclude themselves - Thermalbelichter puts new graduations

The Heidelberger Druckmaschinen AG (Heidelberg) has begun with the delivery of the new top setter PF 102. The new High-End model of the known top setters series distinguishes itself by clearly higher Plattendurchsatz from up to 20 records per hour, modular automation and variable record formats.

Now within the scope of an Open House event in Heidelberg establishment in Dusseldorf the device was introduced together with the new Violetbelichter to prosetter.

The top setter PF 102 extends the port folio upwards there. "We feel the unequivocal trend towards CtP," said Horst Steppat, leader of the product management for Belichter near Heidelberg and confirms with it the change in

the preliminary stage. "Today Heidelberg delivers more CtP devices than one day before. The customers estimate our tailor-made solutions. With high Durchsatz and need in automation the new top setter shows the optimum solution."

Beside the top setter the RIP and workflow software MetaDimension which forms the base for the future workflow JDF was also presented.

Top setter - High CtP for all formats

The top setter PF 102 (Plus Almost) complements the High-End CtP family with outside drum architecture and Inline punches for exact registers. With the new model Heidelberg puts the graduation for professional CtP exposure further upwards. The top setter PF 102 with automatic flat case equipment in connection with the Glunz & Jens-processor in uniform design is first, fully integrated and system co-ordinated on each other at the market.

For the first time all formats are covered between GTO 52 and B1 outsize. Optional single and multi cassette moneychanger allow to the customer the individual automation of his system.

A new laser head with 64 individually interchangeable diodes helps the top setter PF 102 to speeds from up to 20 records per hour with 2400 dpi in the speed master 102 formats.

For the beginning of 2002 the market launch of an other model is planned. The top setter P 102 will reach a Durchsatz from 12 records per hour and also encloses formats like GTO 52 and N.M. 102.

New top setter of Heidelberg offers not only higher speeds and new formats - the nice new design catches the eye first. Besides, the device distinguishes a high Durchsatz and individual automation. To the Print in September the new top setter was shown - now he is available.

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**Brakensiek Systemhaus
GmbH & Co. KG
Klönnestraße 94
D-44143 Dortmund**

www.brakensiek.com

 **+49(0)231.985-00 10**

 **+49(0)231.985-2000**

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SYSTEMHAUS

Tim Brakensiek