

PREPRESS

PRESS

POSTPRESS

# Topsetter P/PF 102



## Now even better performance for CtP

The Topsetter™ P 102 and PF 102 set a new standard in CtP technology. They maximize the reliability in production for printshops who want to work around the clock and optimize every ounce of productivity. They also represent a solid investment in the future.

## Productivity at every level

The Topsetter P 102 and PF 102 deliver maximum productivity in 8-page formats. Depending on the type of plate, the Topsetter P 102 can easily produce up to 13 printing plates per hour with a resolution of 2,400 dpi. The Topsetter P 102 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 that can be exchanged individually, all popular 830-nm sensitive thermal plates can be imaged. And all of this in daylight operation, of course.

The Topsetter PF 102 supports the same range of formats, but now with more ease. With the newly developed 64-channel laser head and productivity speed of 20 plates per hour, you are equipped with an unmatched combination of flexibility and productivity. It's just the quality and speed you demand.

## Ideal solution for a range of formats

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

## Modular design for perfect solution

The Topsetter P 102 and PF 102 can be extended to match your very specific needs – allowing semi-automatic or fully automatic operation. You decide precisely what you need. You can also upgrade later with ease. 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, means you can load up to five different formats. And the high level automation ensures the Topsetter P 102 and PF 102 can keep on outputting plates unsupervised throughout the night. Heidelberg® can also provide you with ideal RIP and workflow solutions for fast data processing and existing prepress environment.

**HEIDELBERG**

## Technical data Topsetter P 102

Basic unit	8-page platesetter with external drum
Handling	Semi-automatic, semi-automatic with online processor, 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"), Blower unit 660 x 550 x 500 mm (26.0 x 21.7 x 19.7")
Weight	Basic machine 1,182 kg, Blower unit 85 kg
Plate format (H x W)	Max. 940 x 1,160 mm (37.0 x 45.6"); min. 370 x 500 mm (14.5 x 19.6")
Imaging area (H x W)	Max. 916 x 1,160 mm (36.0 x 45.6"); optionally 924 x 1,160 mm (36.3 x 45.6") at reduced drum speed
Plate thickness	0.15 to 0.30 mm (6 to 12 mil)
Laser type	32 infrared diodes (1W / 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 over four consecutive exposures on one plate at 23°C (73.4°F) and 60% relative humidity
Productivity	13 plates/hour at 2,400 dpi and plate format 790 x 1,030 mm (31.1 x 40.5"); dependent on plate type
Ambient conditions	Operating temperature: 18°C to 26°C (64.4°F to 78.8°F), 40% to 70% relative humidity; 21°C to 25°C (69.8°F to 77°F) recommended
Power supply	200–230 V AC, 4 kW, 7.5 A (Basic unit), 10 A (Blower unit)
Options	Conveyor to online processor, single cassette loader (100 plates), incl. slip sheet removal, multi-cassette loader (3–5 cassettes, each with 100 plates), internal punch (max. 3 pairs)
Approvals / conformity	GS, UL, cUL, GOST/CE, FCC, CDRH, ACN

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Plate thickness	0.15 to 0.30 mm (6 to 12 mil)
Laser type	64 infrared diodes (500mW / 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 over four consecutive exposures on one plate at 23°C (73.4°F) and 60% relative humidity
Productivity	20 plates/hour at 2,400 dpi and plate format 790 x 1,030 mm (31.1 x 40.5"); dependent on plate type
Ambient conditions	Operating temperature: 18°C to 26°C (64.4°F to 78.8°F), 40% to 70% relative humidity; 21°C to 25°C (69.8°F to 77°F) recommended
Power supply	200–230 V AC, 4 kW, 15 A (Basic unit), 10 A (Blower unit)
Options	Conveyor to online processor, single cassette loader (100 plates), incl. slip sheet removal, multi-cassette loader (3–5 cassettes, each with 100 plates), internal punch (max. 3 pairs)
Approvals / conformity	GS, UL, cUL, GOST/CE, FCC, CDRH, ACN

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