



PREPRESS

PRESS

POSTPRESS

## Topsetter P 74

Greater throughput and flexibility  
in the medium format CtP

**HEIDELBERG**

## Innovation in the medium format CtP • Topsetter P 74 thermal imagesetter provides printshops with a profitable boost for their commercial print jobs and sets new standards in terms of speed, format flexibility and reliability.



With its future-proof CtP technology, easy handling and attractive design, the Topsetter P 74 really sets new standards.

Higher throughput and lower operating costs are crucial factors for any investment in CtP production. As far as these factors are concerned, the Topsetter™ P 74 sets new standards in its class. More plate formats, increased imaging speed and a consistent design from loader to processor are just some of the reasons why the Topsetter P 74 has a P for Plus in its name.

Designed to meet the exacting requirements of medium-format printing, the new Topsetter P 74 gives you optimum flexibility.

It is the ideal partner for presses where short runs require frequent job changes. Whether you use a Printmaster® QM 46, GTO™ 46, GTO 52, PM 74 or a Speedmaster™ SM 52, SM 74 or CD 74, the Topsetter P 74 can handle any format you need. Its range extends from 14.56 x 12.75" (370 x 324 mm) to 25.98 x 32.67" (660 x 830 mm). It therefore has all the flexibility needed for 2-page and 4-page jobs, and all this in daylight operation, since thermal technology makes darkrooms a thing of the past.

# Precision and reliability built in • The external drum construction of the new Topsetter P 74, combined with a high-precision multichannel laser head and first-class workflow system ensures top performance every time.

## Peak performance CtP

The Topsetter P 74 images standard thermal plates with a sensitivity of around 830 nm, and supports metric and imperial resolutions. As a result, it can satisfy every quality criterion with the razor-sharp precision typical of thermal imagesetters.

The multichannel laser head is also extremely easy to maintain. Its long-life laser diodes can be replaced individually, if required. If the constant monitoring system indicates that a replacement is required, this operation can be performed quickly and easily. This ensures that the Topsetter P 74 really is the ultimate in reliability.



## Ideal workflow integration

In order to maximize the productivity of the Topsetter P 74, pioneering workflow solutions are called for that can fully satisfy the growing demand for speed and precision.

MetaDimension™ gives an added bonus to your PDF productivity. You can work with smaller, easier-to-handle files, which increases the stability of your workflow and helps boost productivity. The modular software enables easy adaptation to your particular

workflow. MetaDimension can include OPI, trapping, color management, innovative screening methods, impositioning, PPF links and proofing solutions, just as you choose.

And of course, you can also integrate the Topsetter P 74 easily into existing workflow systems. This is done by the MetaShooter™, with a link via the TIFF-B format. This new link also enables the system to be controlled by a third-party workflow without detracting from the outstanding performance of the Topsetter P 74.

# A secure investment in the future • The new technical achievements of the Topsetter P 74 and its new design translate into a systematic embodiment of perfection and precision.



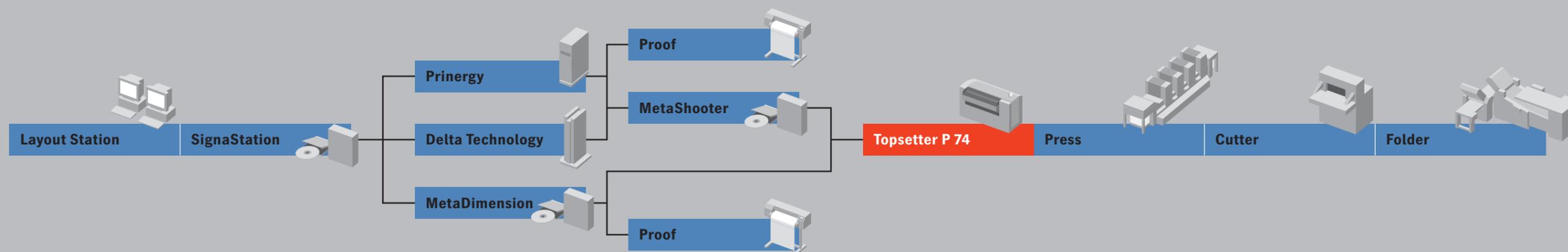
## Perfect inline punching

To ensure that register errors truly are a thing of the past, the Topsetter P 74 can also be fitted with two integrated inline punching systems. Depending on your needs, punches for presses from Heidelberg and other suppliers as well as customized punches can all be integrated with ease.

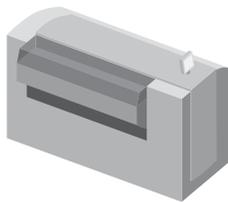
After the printing plate is loaded, it is centered and punched automatically for the specific press. Imaging is then performed relative to the punch holes. The result is a perfectly punched register for color sets and reprints, shorter makeready times and a shorter runup to production speed.

## Superior productivity

One of the main reasons for the high throughput is the high imaging speed, and on this score, the Topsetter P 74 sets new standards. In maximum format and with a resolution of 2,400 dpi, the Topsetter P 74 can image 20 plates per hour. The level of automation can also be increased, depending on your needs. As a result, the Topsetter P 74 when configured as a fully-automated platesetter can process up to 300 plates from three different cassettes.

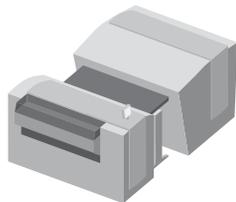


**Future-proof automation** • From semi-automatic to full-automatic mode with one or more cassettes – the Topsetter P 74 can be adapted perfectly to your needs. And you determine the level of automation.



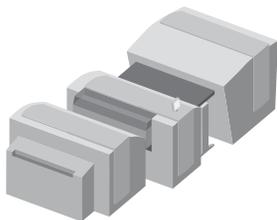
#### **Semi-automatic mode**

Even the standard version of the Topsetter P 74 will boost your productivity quickly, since the unit features a solution that is also excellent for manual plate loading. This is achieved through separate loading and unloading tables. While one plate is being processed, the next is already being loaded. As a further option, the plates can also be punched full-automatically.



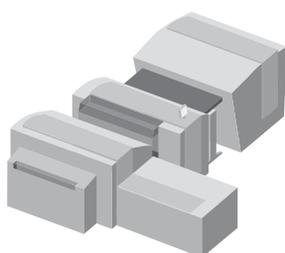
#### **Semi-automatic mode with online processor**

Although the printing plates are still loaded manually, the printing plate is automatically transferred after imaging to the connected online processor via an optional transport table.



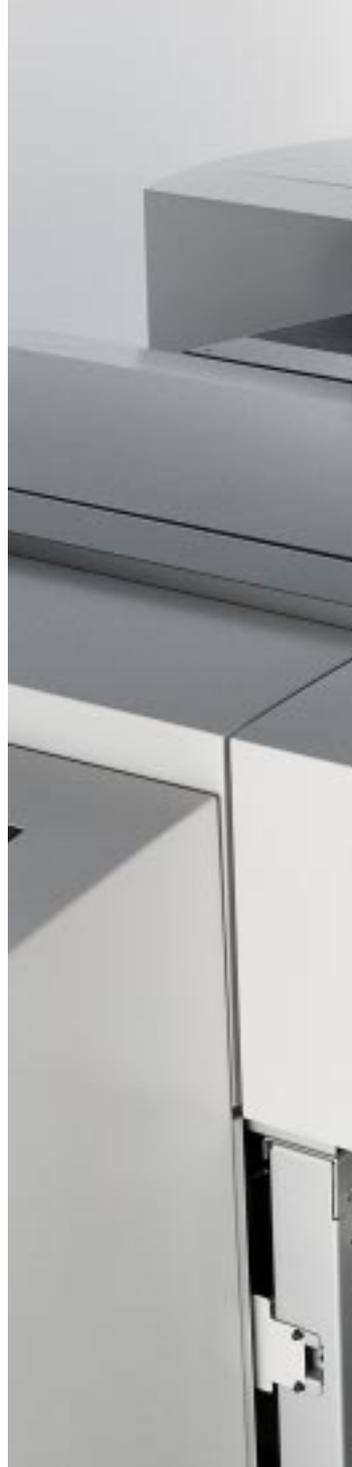
#### **Full-automatic mode with Single Cassette Loader**

Equipped with a Single Cassette Loader for automatic loading of up to 100 same-format plates, the Topsetter P 74 can run unsupervised for five hours. The slip sheets are removed automatically.



#### **Full-automatic mode with Multi Cassette Loader**

In full-automatic mode with the Multi Cassette Loader, the Topsetter P 74's production capacity can be increased to up to 300 plates. The Multi Cassette Loader enables up to three different formats to be fed automatically into the Topsetter P 74. It is therefore ideal for handling the entire plate production for a complete shift without any need for operator intervention.



## Heidelberg Druckmaschinen AG

Kurfuersten-Anlage 52–60

69115 Heidelberg

Germany

Phone +49-6221-92 00

Fax +49-6221-92 69 99

[www.heidelberg.com](http://www.heidelberg.com)

### Publishing Information

Printed in: 06/02

Photographs: Heidelberg Druckmaschinen AG

Platemaking: CtP

Printing: Speedmaster

Finishing: Stahlfolder

Fonts: Heidelberg Gothic, Heidelberg Antiqua

Printed in Germany

### Trademarks

Heidelberg, the Heidelberg logotype, Printmaster, and SignaStation are registered trademarks of Heidelberg Druckmaschinen AG in the U.S. and other countries. Delta, GTO, MetaDimension, MetaShooter, Speedmaster, and Topsetter are trademarks of Heidelberg Druckmaschinen AG in the U.S. and other countries. All other trademarks are property of their respective owners.

**Subject to technical modifications and other changes.**

# Topsetter P 74



## Even more power for CtP in medium format.

Commercial printers can now boost productivity and profits for medium-format plate production. The Topsetter™ P 74 in the new, stylish Heidelberg® design sets new standards in the 2 – 4 page sector in terms of speed, reliability and flexibility of use.

## The best fully-automatic machine there is.

The Topsetter P 74 is ideal for all printshops that use the Printmaster™ QM 46, GTO™ 46 and GTO 52, Speedmaster™ SM 52, SM 74 and CD 74 or Printmaster PM 74, since it images thermal plates measuring anything from 324 x 370 mm to 830 x 660 mm. Its output of 20 plates an hour provides fast plate output, ideal for the growing number of small-run color print jobs.

There's no question about it – when jobs need to be changed frequently, an automated plate production process is essential. Here too, the Topsetter P 74 wins top marks. With its Single Cassette Loader for automatically loading up to 100 plates of the same format, the Topsetter P 74 can run unsupervised for five hours. The Multi Cassette Loader feeds the recorder with up to 300 plates in three different formats. And as you would expect from a fully-automatic machine, the slip sheets are removed automatically.

## An all-round user-friendly concept.

If the fully-automatic features of the Topsetter P 74 aren't what you're looking for, then the semi-automatic version is the answer. The benefits include the ability to upgrade when production increases and the need for automation grow, without having to spend a fortune on redesigning the workflow or training your staff.

The Topsetter P 74 offers maximum reliability in production, as the function of the 32 laser diodes is checked constantly. Each laser diode can be replaced individually, if required. Even if you lose a diode, you can continue to operate, providing production security.

With its inline punching systems, the Topsetter P 74 offers maximum convenience. Two punching systems for all Heidelberg presses and customer-specific versions (available on request) ensure precise register accuracy for the plates.

Another highlight is the quality – five levels of resolutions from 1200 to 4000 dpi can be selected, depending on the workflow system, thereby offering the right resolution for every job. So the Topsetter P 74 really is flexible enough to meet any challenge.

### State-of-the-art workflow as standard

An additional, almost priceless bonus comes with the link between the Topsetter P 74 and the future-oriented MetaDimension™ workflow system. MetaDimension supports a reliable, fault-free production process right from the start, and offers many indispensable extras.

And if the production process involves Delta™ Technology or Prinergy™, the Topsetter P 74 can also be connected easily via the MetaShooter™. This new link also enables the system to be controlled using a third-party workflow without lessening the Topsetter P 74's outstanding performance.

## Technical data Topsetter P 74

Basic unit	4-page platesetter with external drum
Handling	Semi-automatic, semi-automatic with online processor, fully automatic (single cassette), fully automatic (multiple cassettes)
Dimensions (W x H x D)	Basic machine 1,825 mm x 1,150 mm x 1,045 mm (71.9" x 45.3" x 41.1"), Blower unit 600 mm x 360 mm x 429 mm (23.6" x 14.2" x 23.6")
Weight	Basic machine 650 kg (1,433 lbs), Blower unit 30 kg (66 lbs)
Plate format	Max. 830 x 660 mm (32.7" x 25.9"), Min. 324 x 370 mm (12.8" x 14.5")
Imaging area	Max. 830 x 633 mm (32.7" x 24.9")
Media	Infrared 830 nm sensitive aluminium thermal plates
Media thickness	0.15 – 0.3 mm (5.9 – 11.8 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	20 plates/hour at 2,400 dpi, dependent on plate type
Ambient conditions	Operating temperature: 18 °C – 26 °C (64.4 °F – 78.8 °F), recommended 21 °C – 25 °C (69.8 °F – 77 °C), 40 – 70% relative humidity (no condensation)
Power supply	200 – 240 V AC, 2 kW, 15 A
Options	Conveyor to online processor, single cassette loader (100 plates), trolley, multi cassette loader (3 cassettes, each with 100 plates), internal punch (max 2 pairs)
Approvals/conformity	GS, UL, cUL, GOST/CE, FCC, CDRH, ACN

Heidelberg and the Heidelberg logotype are registered trademarks of Heidelberger Druckmaschinen AG in the U.S. and other countries. Delta, GTO, MetaDimension, MetaShooter, Printmaster, Speedmaster and Topsetter are trademarks of Heidelberger Druckmaschinen AG in the U.S. and other countries. Prinergy is a trademark of Creo Products Inc. All other trademarks are property of their respective owners. Subject to technical and other changes without notice. 08/02

### Heidelberger Druckmaschinen AG

Kurfuersten-Anlage 52 – 60

69115 Heidelberg

Germany

Phone +49-62 21-92 00

Fax +49-62 21-92-69 99

www.heidelberg.com