

basysPrint



ENG

UV-Setter Series F





The CTP system for flexo newspapers

Advantages of Flexo

- Keyless inking, single fluid system
- Less paper waste
- Simple press operation with less manning
- Prints on super-calendered and coated stock without expensive dryers
- Reduced set-off and show-through-prints on thinner newsprint
- Excellent ink consistency

CTP has never been so easy!

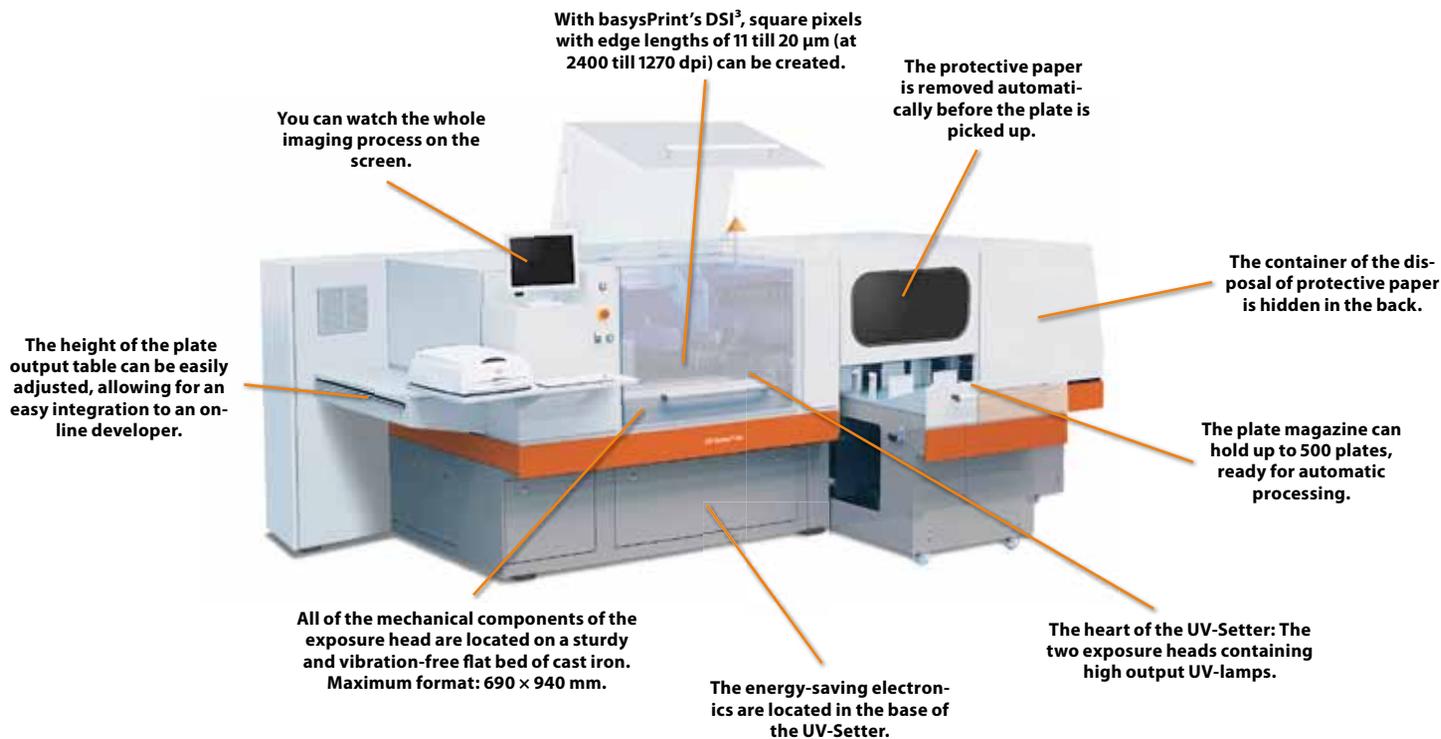
Are you looking for a reliable CTP solution? Then you've come to the right place! The basysPrint UV-Setter is not only process stable but also economical and simplistic. Profit from the know how of Punch Graphix, the inventor and market leader of UV CTP.

Your production: quick and stable

Thanks to the direct imaging of CTP, you will speed up your production and profit from high process stability. The basysPrint UV-Setter has been field-tested for more than a decade. Combine this experience with sophisticated printing plate technology and you can achieve a high level of reliability and security.

The UV-Setter cuts the cost of CTP

CTP is acclaimed for the fact that it eliminates numerous work stages--film exposure, make-up and platemaking--and thus the associated costs. With systems from other suppliers, however, the general financial benefits are quickly lost due to the higher costs of the light source. With the basysPrint technology, this problem is overcome. The tried and trusted exposure system DSI³ (Digital Screen Imaging) works with long-lasting light modules.

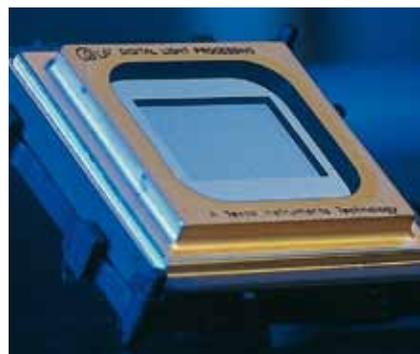
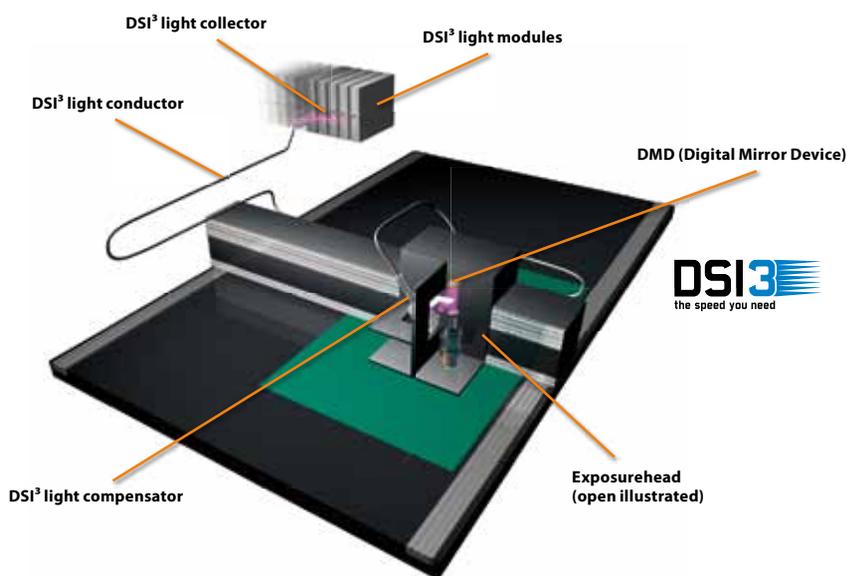


The UV-Setter cuts the cost of CTP

Only a basysPrint UV-Setter is able to image a 1-bit-Tiff one-to-one on the printing plate. The heart of all basysPrint plate-setters is the Digital Light Processing (DLP) with its Digital Micromirror Device (DMD) by Texas Instruments™. During the exposure 800,000 micromirrors are directing the bundled UV light on the printing plate. The micromirrors are square and expose extremely sharp pixels (between 11 and 20 µm). This guarantees that the exact image will be replicated from the original file.

The key to an increased light exposure speed of UV-sensitive plates with DSI³ (Digital Screen Imaging) lies in the combination of violet diodes and the proven basysPrint exposure head technology. In contrast to the other CTP systems, UV-Setter uses the luminous power of several diodes which are installed on the outside of the exposure head in light modules. The light of the laser modules is channeled through optical fibers into an illumination optic. The homogenized light is then directed through several

optical components towards the DMD. In comparison to its forerunner model this process accelerates the exposure time more than twice. Performance capability can be enhanced on site at any later time. The formula could hardly be simpler: The more light modules you install, the faster the exposure. You can thus make your UV-Setter as fast as you actually need. DSI³ diode modules are long-lasting and stable, maintaining a constantly high exposure quality even without calibration.



About basysPrint

basysPrint, a division of Punch Graphix, is the inventor of UV-CtP and has been offering internationally proven systems for the digital exposure of conventional UV printing plates for more than 10 years. These systems are characterised by a high level of economic efficiency for print companies of all sizes. Through the use of UV-sensitive plates, users are able to benefit from a stable and environment-friendly production process delivering ultimate imaging quality. Detailed information is to be found at www.basysprint.com

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Technical data

Series F

	556
Maximum material format in mm [in inch]	690 × 940 [27 × 37]
Minimum material format in mm [in inch]	324 × 450 [12 × 17]
Exposes UV-sensitive offset printing plates	■
Flatbed system with vacuum table	■
Variable register system configuration, 3 pin stop system	■
Integrated punch	□
Exposure System	DSI ³
Semi-automatic plate handling system	■
Fully automatic cassette system/number of cassettes/automatic slip sheet removal	■/1/■
Maximum plate capacity of the automation	500
Wave length	405
Resolution in dpi	1270, 1500, 2400
FM screening possible	■
Material thickness in mm	0.2–0.6
Dimensions (W × D × H) in mm [in inch]	4230 × 2110 × 1760 [166 × 83 × 69]
Operating temperature in °C [in °F]	18–24 [65–75]
Relative humidity in %	20–80, not condensing
Connected load in kW	5.5/6.5
Electrical connection	3 × 400 V, 3 Ph, N, PE, 50/60 Hz, 3 × 16 A

■ = standard □ = optional – = not available

Your partner:

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