

# **Heidelberg Signasetter Pro + Heidelberg Delta Technology + Kodak Polychrome Graphic Filmentwicklungsma- schine**



## Signasetter Heidelberg Heidelberg Delta Technology + Pro + Kodak Polychrome Graphic Film Processor

Non-new

Hochleistungslaserbelichter with an imaging area of 770x1070 mm

Signasetter Pro, the professional exposure to complete 8-page formats and large print forms with the highest quality. The internal drum imagesetter, films for magazines, catalogs and commercial work in high-quality top-quality supplies. And faster than ever.

A complete compressed form with 8 pages in A4 format can be, for example, in just 128 seconds exposure dpi at 1270th All the advantages of all-digital prepress to finished film will be imposed available - and thus shortens the way to the press much.

Working with the Pro Signasetter Outputting complete sheets not only saves time but also material. Because his exposure area of 770x1070 mm, it has the best format to use large-format presses. This results in exposure of fully imposed pages for printing presses 70x100 class (such as Speedmaster 102) no material losses.

The output is free of edges and the number of bad copies will be drastically reduced.

In addition to its maximum width, the film also pro Signasetter use smaller formats. Possible film widths from 460 mm to 1080 mm in 27 steps.

Magenta

The fact that the punch is on the long side, the films are directly without time-consuming work for remounting the disk copy. When the film is centered Signasetter Pro. The result: the punch on the long side is also available for smaller movies.

In addition to the standard resolutions of 500, 666, 800, 1000, 1333 und 1600 pixels / cm are available when Signasetter Pro and 2000 pixels / inch available. Therefore, he can expose real 120 screens with the full number of gray levels. Of course, be employed, depending on the screening process HQS RIP, IS and also Diamond Screening®, recognized the frequency-modulated screening method for photo-quality offset printing, is available.

For years, Heidelberg is working with spot sizes, which are adapted to the resolution. When this is accomplished through Pro Signasetter an iris instead of a simple aperture wheel. With the help of this iris diaphragm of the laser spot is adjusted to fit

adapted to the respective resolution, combining the highest quality with an economic use. The minimum spot size of the spot amounts to 7.5 microns.

The most rapid materials processing and unloading system of Signasetter Pro requires no vacuum for film loading and material fixation and guarantees accuracy of five thousandths of a millimeter above the overall size of 770x1070 mm. This makes it the ideal exposure for each Signasetter difficult issues such as fine pitch or mono, Duplo, double-Duplo and Quadro at extremely high color quality.

The Signasetter Pro brings you quickly and easily to film. A material change, for example, is straightforward and loss: Insert cassette, cassette-type number, and complete. Everything else, like for example Light levels and spot size is, Signasetter Pro automatically itself. The operation of the recorder can automatically via the Output Manager or a view of the imager in the integrated user interface.

Specifications:

System Description: High-precision laser recorder

Light source: helium-neon laser with emission at 633 nm

Imaging principle: Laser beam deflected by a rotating, air-cushioned prism;

Inner drum principle

Image area: 770x1070 mm with register punching on the long side

Material width 460 mm bis 1080 mm in 27 steps

Spot sizes: Optimally matched to the selected resolution, minimum 7.5 micron

Maximum grid frequency at full 256 levels of gray (305 lpi) up to 120 lines / cm

Repeatability: ± 5 microns with a full format and eight sequentially exposed color separations (color set) without consideration of the material caused by temperature and humidity fluctuations

Output options: positive, negative, right and wrong way;

complete printing forms (with appropriate software or Signastation);

optimum film output with Collect and APP or VAPP and

Duplo, double-Duplo and Quadro

Photo material: rolls of film, (Rapid Access and Hard Dot), sensitivity to light emission at 633 nm

Capacity of supply tray: max. 60 m with 0.10 mm thick photographic material, dependent on material

Capacity of the tape recording: max. 16m at 0.10 mm thick photographic material, dependent on material

Line voltage: 100, 110, 115, 200, 230, 240 volts AC,  $\pm 10\%$  at 47 to 63 Hz

Power consumption: Standby: 300 W, max. 400 W

Ambient temperature: +18 ° C to +28 ° C

Humidity: 35 - 80% non-condensing

Dimensions: (WxHxD) 200x82x77 cm (78,7 x31, 9x30, 3 inches)

Net weight 940 kg

Interfaces double SpeedWay interface = high-speed interface for bitmap transmission;

LCD graphic display communications interface SCSI and V.24 interface for service



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