

Linotype Hell Signasetter Pro

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Linotype-Hell Signasetter Pro

Not-New

Inclusive Heidelberg Delta Level 3 RIP
Inclusive Installation

High-precision laser recorder with an imaging format of 770x1070 mm.

The Signasetter Pro, the fully revised imagesetter for high quality full 8-page printing forms and large formats in highest quality. The internal drum imagesetter which delivers top quality films for magazines, catalogs and valuable jobbing work. And does so faster than ever.

A full printing form with 8 A4 pages, for example, can be imaged in just 128 seconds at 1270 dpi. You can benefit of all the advantages of the completely digital prepress stage through to the imposed finished film – and considerably shorten the time to press.

Outputting complete sheets with the Signasetter Pro saves material as well as time. Its 770x1070 mm imaging format is ideal for use on large-format presses. There's no material wasted when the fully imposed pages are imaged for 703100 printing presses (such as our Speedmaster®102). The Output is free of edges and the number of bad copies is drastically reduced. As well as its maximum film width, the Signasetter Pro can also use smaller formats, handling film widths from 460 mm to 1080 mm in 27 steps.

Technical data

System description High-precision laser recorder

Light source Helium-neon laser, emitting at 633 nm

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

Imaging format 770x1070 mm with register punching on the long format side

Material widths 460 mm to 1080 mm in 27 steps

Register punches Standard Bacher 'Control 2000™' (5-hole) register punching system for Heidelberg GTO® 52, Heidelberg Speedmaster 74 and Heidelberg Speedmaster 102; grapho metronic system (MAN Roland® standard); Stoesser punching system for the American market.

Spot sizes Matched to the selected resolution, min. 7.5 µm

Max. screen frequency Up to 120 lines/cm (305 lpi) for 256 grey levels

Repeat accuracy $\pm 5 \mu\text{m}$ over full format and eight color separations (color set) imaged in direct succession and ignoring distortion of photographic material caused by changes in temperature and humidity

Output options Positive, negative, right-reading and wrong-reading; complete printing forms (using appropriate software or Signastation); optimum film output with CollectMode and APP or VAPP and Duplo, Double-Duplo and Quadro

Photographic material in roll form Film, (Rapid Access and HardDot); sensitive to light emissions at 633 nm

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

Capacity of the take-up cassette max. 16m with 0.10 mm thick photographic material, dependent on material

Voltage 100, 110, 115, 200, 230, 240 Volt 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 (W3H3D) 2003 82377 cm (78.7331.9330.3 inch)

Weight 940 kg net

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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