

Linotype-Hell Linotronic 330 + RIP 50



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Non-new

Specifications

- Exposure System: Capstan
- Light source: helium-neon laser with emission of 670-680nm
- Resolution: 635; 846; 1270; 1693: 2032; 2540; 3387 dpi
- Max grid frequency at film exposure: up to 80 lines / cm (175 lpi)
- Repeatability about 5% in size 30 x 30cm
- Output options: positive, negative, right, wrong way
- Materials in rolls: Film, Paper, 0.1 - 0.18 mm at 633 nm
- Capacity of supply cassette max. 60m at 0.10 mm thick photographic material
- Maximum Exposure :: Format 305 x infinity
- Material film widths: 150, 200, 250, 280, and 310 mm
- Dimensions: 75 x 94.5 x 80 cm
- Weight (net): 220 kg
- Interfaces: LI2 x, 2 x LI5

Linotype-Hell RIP 50

Non-new

Specifications

Linotronic imagesetter for 260/330/560/630 Hercules and Hercules M
System Description: Raster Image Processor in stand-alone tower
3.5 "floppy disk for software maintenance
Input interfaces: RS 232, Centronics, LocalTalk
Ethernet, SCSI for external disk
Outputs: LI2, LI5, SpeedWay
Grid technologies Original PostScript Level 2 Interpreter from Adobe
Control over Output Manager from Mac or PC
Dimensions (W x H x D) 36 x 64 x 55 mm
Weight about 27 kg

Technical Data

Light source: 3mW helium neon gas laser

Exposure system: Rotating polygon mirror

Control: Via the LI 2 and LI 5 interfaces

Ports/interfaces: LI 2 interface, LI 5 interface, power input

Optional: Connection for on-line processor

Output format:

Horizontal: 305 mm (12 inch or 72 Pica) maximum scanline length

Vertical: With take-up cassette: 30 m or 100 feet (Maximum length, if using a HeNe laser film of 0.1 mm or 4 mil)

thickness and 310 mm or 12.2 inch width. In general, the vertical format depends on the RIP and front-end system)

With on-line processor connected: variable lengths up to maximum 800 mm or 31.5 inch can be defined according to the instructions of the processor manufacturer.

Photomaterial: Red-sensitive high speed imagesetting materials with maximum sensitivity at 632 nm and high contrast. Materials: polyester-based HN-laser film, HN RC-paper, HN-direct plate-making materials (printing foils)

Photomaterial supply from: Roller material, emulsion inside; light-proof packaging; wound core diameter 50.4 mm or 2 inches

Required density: Minimum log D 3; follow the density recommendations of the photomaterial manufacturer and select the corresponding density value on the input panel of the laser imagesetter.

Material thickness: 0.10 mm to 0.19 mm or 4 mil to 7 mil

Material widths: 150 mm, 200 mm, 250 mm, 280 mm and 310 mm
5.9 inch, 7.9 inch, 9.8 inch, 11.0 inch, 12.2 inch

Spot size: 20 µm or 0.8 mil

Addressability (Resolution): In vertical and horizontal direction

3387 dpi (1333 pixel/cm)*
2540 dpi (1000 pixel/cm)
2032 dpi (800 pixel/cm)
1693 dpi (666 pixel/cm)
1270 dpi (500 pixel/cm)
846 dpi (333 pixel/cm)
635 dpi (250 pixel/cm)

A PostScript RIP 4 or PostScript RIP 300 with software version 51.8 upwards is required to achieve all above resolution steps. (The resolution step marked with * can be used only in LI 2 asynchronous mode with a 16 MHz clock.)

Maximum recorder Speeds:

Speed cm/min.: 9.7
Speed inch/min.: 3.8
Resolution dpi: 3387
Resolution pixel/cm: 1333

Speed cm/min.: 17.3
Speed inch/min.: 6.8
Resolution dpi: 2540
Resolution pixel/cm: 1000

Speed cm/min.: 27.1
Speed inch/min.: 10.7
Resolution dpi: 2032
Resolution pixel/cm: 800

Speed cm/min.: 39.0
Speed inch/min.: 15.4

Resolution dpi:1693
Resolution pixel/cm:666

Speed cm/min.:34.7
Speed inch/min.: 13.7
Resolution dpi:1270
Resolution pixel/cm:500

Speed cm/min.:78.0
Speed inch/min.: 30.7
Resolution dpi:846
Resolution pixel/cm:333

Speed cm/min.:69.6
Speed inch/min.: 27.4
Resolution dpi:635
Resolution pixel/cm:250



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