

Heidelberg Primesetter 102



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Not-New

YOM: 2003

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Technical data:

Imaging principle

Indrum principal, laser beam deflected by a rotating, air-cushioned prism

Light source

Laser diode emitting at 658 nm ± 10 laser class 1

Scan line length

770 mm (internal drum circumference)

Resolution

Metric and inch resolution

Spot sizes

Matched to the selected resolution of the Primesetter,
minimum 12 µm,
maximum 20 µm

Maximum grid frequency

film exposure at up to 120 lines / cm (305 lpi)
for polyester printing plates up to 70 lines / cm (187 lpi)

Repeat accuracy

±5 µm over full format and eight films (color set) imaged in direct succession
and ignoring distortion of photographic material caused by changes in temperature and humidity

Output options

Positive, negative, right and wrong-and Duplo double-Duplo and Quadro

Maximum imaging format

770 x 1070mm (30,3 x 42,1 inch)

Material widths:

Film 13 steps, 460 – 1080 mm (18,1 – 42,1 inch)
Polyester plates 0.2 mm: 15 stages, 450 – 1050mm
Polyester plates 0.3 mm: 12 stages, 650 - 1050mm

Minimum material width and length

450 x 400mm (17,7 x 15,75 inch)

Dimensions (W x H x D)

2050 x 1110 x 884mm
(80,7 x 43,7 x 34,8 inch)

Weight

Approx. 620 kg

RIP platforms

Delta Technology (6.1 version)

Prinergy (Version 2.0)

Photographic materials in roll

Film, polyester plates 0.1 - 0.3 mm thick; sensitivity to light emission at 650 - 670 nm

Photo material specification

Core diameter 72mm with special side flanges; emulsion outside; special packaging for inserting into the supply cassette during daylight operation

Capacity of supply cassette

Max. 75 m of 0.10 mm thick photographic material, dependent on material

Metric resolution and recorder speed

Resolution Max.speed

Pixel/cm Dots/inch cm/min inch/min

500127072,028,4

666169254,021,3

800203245,017,7

1000254036,014,2

1333338627,010,6

Imperial (inch) resolution and recorder speed

Resolution max.speed

Pixel/cm Dots/inch cm/min inch/min

472 1200 76,2 30,0

630 1600 57,1 22,5

945 2400 38,1 15,0

1260 3200 28,6 11,2

Interfaces

SpeedWay® Interface

Main voltage

115 or 230 V AC

Power

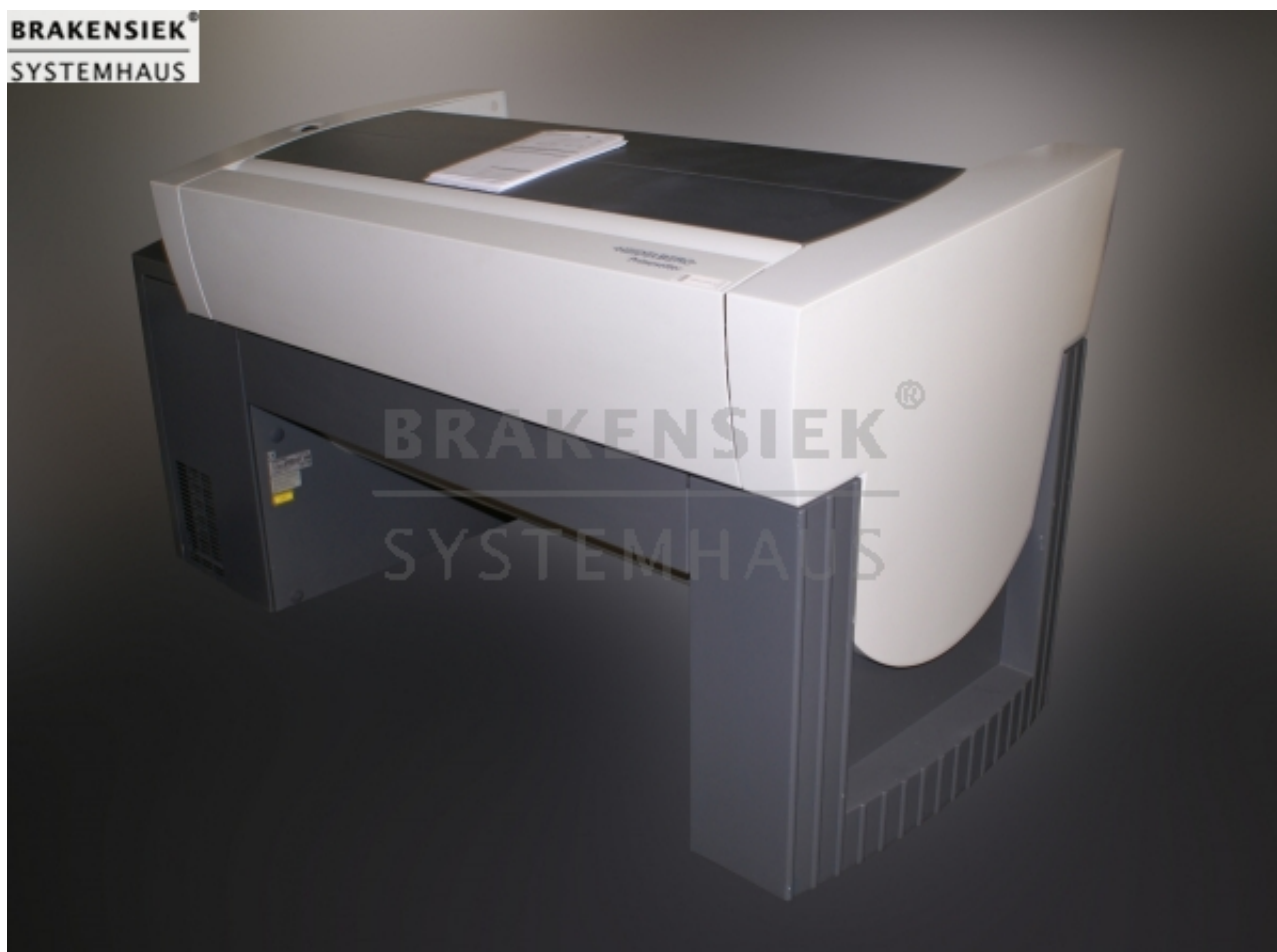
0.7 kW at 115 V and 230

Ambient temperature

+18 ° C to +28 ° C

Humidity

45-80%, non-condensing



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