

# Heidelberg Primesetter 102



## Heidelberg Primesetter 102

### Not-New

YOM: 2003

Heidelberg Primesetter 102

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**

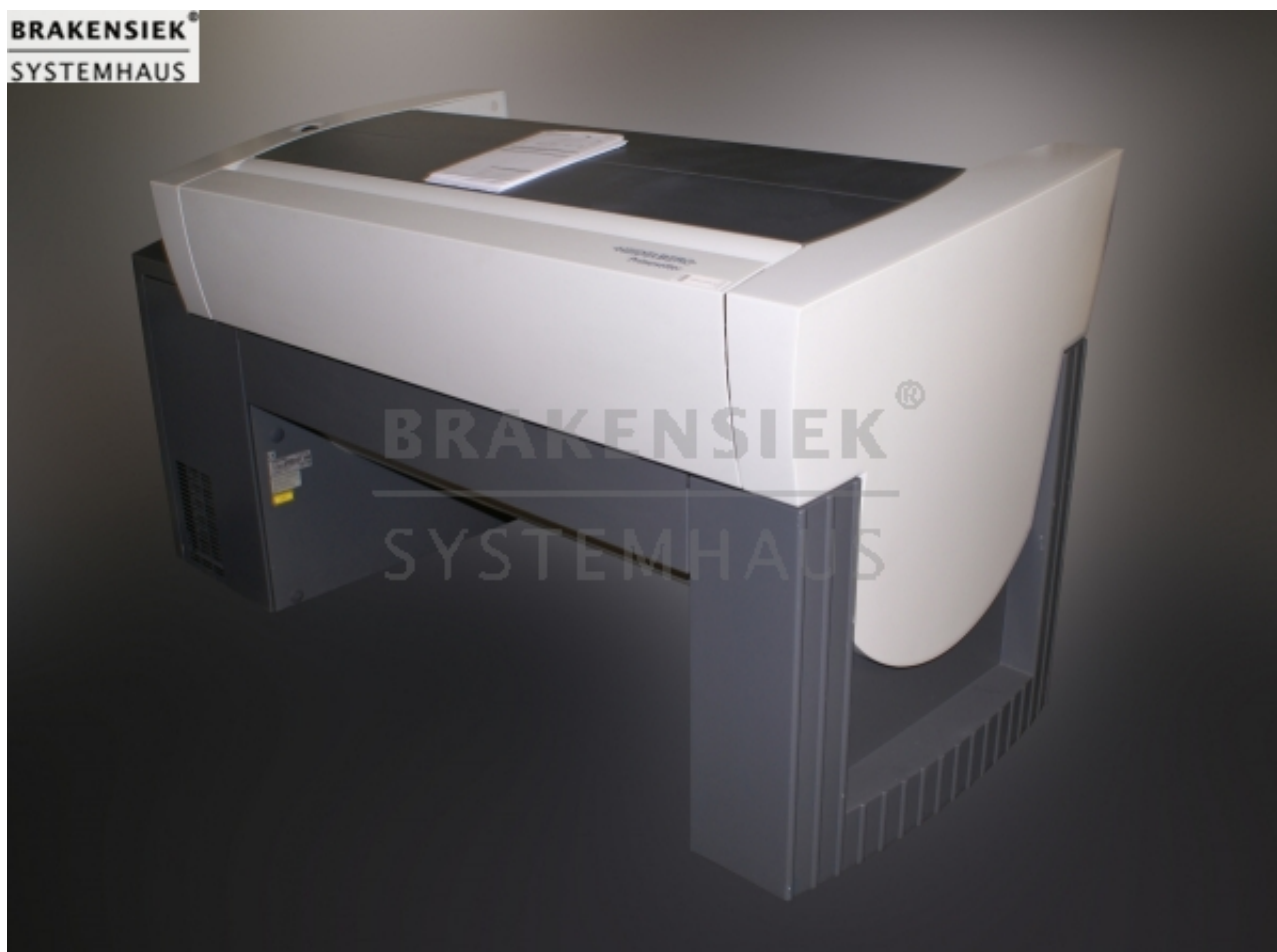
0.7 kW at 115 V and 230

**Ambient temperature**

+18 ° C to +28 ° C

**Humidity**

45-80%, non-condensing



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