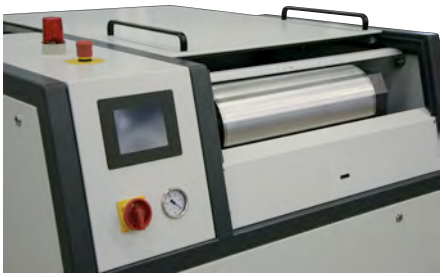
piccolino

Where size matters - A new machine for small plate production



With a max. platesize of 635x500 mm and a easy to use design the Flexolaser "piccolino" is the ideal solution for the label and narrow-web industry.

Flexolaser devices are not stand-alone machines; they operate in a network environment. Flexolaser writes to the LAM layer from finished 1-bit TIFF files received from any prepress system – either in-house or supplied. Resolution is fixed at 2540 dpi.

The Flexolaser CPU and the included Multiplate software manage the supplied files and operate the machine. Flexolaser machines can be set up to process plates or sleeves. On the assumption that in theround and sleeve technology is the future of quality Flexo printing, there is also a hybrid version that process both and the change from plates to patented Quick Sleeve or vice versa takes just a few minutes. Sleeve-only or plate-only machines can be retrofitted to hybrid Quick Sleeve configuration at any time.

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Technical Data	piccolino
Light source:	20W / 4 – Beam Fiber Laser
Recording technique:	Rotating external drum, plate held by vacuum. Sleeve option available, two cones available to mount rotary screens.
Supported Printing plates:	Digital exposable photopolymer flexo and letterpress -printing plates, all thicknesses, all brands. Process free offset-plates, rotary screens coated with black layer (ring coated)
Resolution:	2540 dpi or 5080 dpi (on request)
Laser spot size: ≥	5 - 13 µm
Line screen: ≤	80 Lines/cm (200 lpi)
Imaging speed: ≤	2 sqm/h max @ 2032 dpi

Power supply.:	1x 220 V≈, 10 A
Dimensions :	1.25m x 0.90m x 1.15m
Weight:	400 kg
Humidity: ≤	80 %, non condensing
Operating temperature.:	15 °C – 28 °C
Exhaust air:	yes
Input Data Format:	Separated 1 bit TIFF
Network/Internet:	yes (100mBit)

The estimated life span of the laser module is 10.000 up to 20.000 hours.

Drum Circumference:	total: ≤ 640 mm	exposable: ≤ 635 mm
Drum Width:	total: ≤ 510 mm	exposable: ≤ 500 mm

Sleeve and rotary screen option available on request !