Simply versatile

Vario II series

Quality. Tradition. Innovation.

The label printing systems of Carl Valentin GmbH are the result of a sophisticated construction and an innovative production with the highest demands in quality.

Print speed up to 200 mm/s
Print width up to 107 mm
Robust metal chassis
For large printing volumes

Vario II - the variable solution

The label printers of Vario II series are practical and very sturdy and can be used in almost every application. The excellent print quality, 200 dpi and 300 dpi, and a large number of accessories, are important characteristics of the printer. Moreover, all printers in the Vario II series can be used in stand-alone mode, i.e. labels can be designed without a PC by means of an integral keyboard and afterwards saved onto a PCMCIA card.

Display

With the 2-line backlit LC display all parameters can be set either by the foil keyboard at the printer or by an external keyboard.
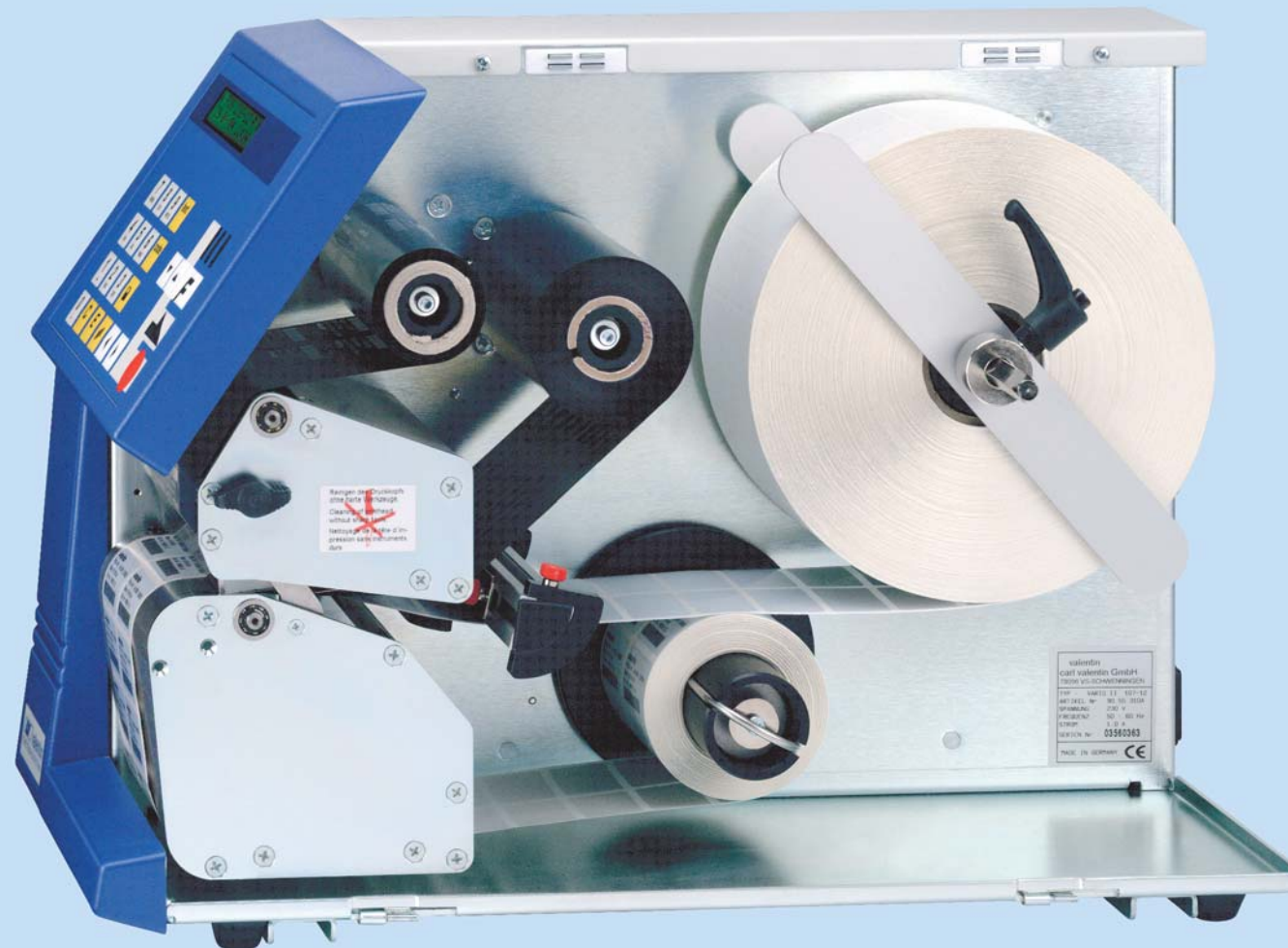In stand-alone mode it is possible to enter variables directly at the printer's display.

Cutter unit

The guillotine cutter permits cutting of materials up to a weight of 200 g/m² without any problems. The cutter can be refit without any technical effort. Single cut, interval and final cut are available as operating modes. Activation of a cut can be effected by an external impulse or automatically.

Configuration by Internet / LAN

With the optional Ethernet interface and a corresponding web browser the printers can be configured via internet and their status can be displayed. Therefore the current state of printer can be called at any time.

RFID module

With the RFID module the so-called 'smart labels' can be programmed. These RFID chips, also called transponder, are being written and red by a corresponding write/read unit with a standardized frequency. In the same process step the transponder label will be printed.

Rewinding unit

The internal rewinder that is equipped as standard can rewind labels up to a roll diameter of 100 mm. In dispensing mode this internal rewinder can also be used for rewinding the carrier.
With the external rewinder PR 45s (see illustration) label rolls up to a diameter of 270 mm can be rewound. The rotating direction can be reversible.

Dispensing unit

The dispending unit separates the label from the carrier and provides it for further processing. After removing the label, the following print order is activated by the dispenser photocell or an external impulse.

Labelstar PLUS

In connection with our label design software, 'Labelstar PLUS', the printer can be controlled optimally by interface. This 32-bit software is easy to handle and is based on Windows.

/LV/ valentin
ETIKETTENDRUCKSYSTEME

Print	Vario II 104/8	Vario II 108/12
print width	104 mm	106,6 mm
max. label width	110 mm	110 mm
min. label width	15 mm	15 mm
max. print height	3400 mm / 3000 mm **	1400 mm / 1200 mm **
min. label height	6 mm / 15 mm ***	6 mm / 15 mm ***
resolution	203 dpi	304 dpi
print speed	200 mm/s	200 mm/s
printhead	Flat Type	Flat Type

Printer build-in fonts

vector fonts	Helvetica Bold und Roman, Swiss light, Baskerville, Brush Script, Monospace
pixel fonts	6
proportional fonts	6

Bar codes

1D bar codes	EAN 8, EAN 13, EAN 128, EAN ADD ON, UPC-A, UPC-E, Code 39, Code 39 ext., Code 93, Code 128A, Code 128B, Code 2/5 interleaved, ITF 14, ITF 16, CODABAR, Pharmacode, PZN-Code, Identcode/Leitcode der Deutschen Post AG
2D bar codes	PDF417, MAXICODE, DataMatrix, CODABLOCK A
composite bar codes	RSS, RSS-14 Truncated, RSS-14 Stacked, RSS-14 Stacked omnidirectional, RSS Limited, RSS Expanded Stacked

Interfaces

serial	RS-232 C, 2.400...57,600 Baud RS-422 *, RS-485 *
parallel	Centronics (SPP and ECP)
USB	1.1
Ethernet / LAN	internal 10/100 Base-T *

Labels

core diameter	40 mm / 75 mm *
max. roll diameter	200 mm

Transfer ribbon

core diameter	25,4 mm / 1"
max. length	300 m
max. roll diameter	80 mm
coating	outside

Dimensions

width x height x depth	230 mm x 310 mm x 450 mm

Weight

	approx. 16,7 kg

Connecting values

voltage supply	230 V / 50 Hz
optional	115 V / 60 Hz *
power consumption	max. 150 VA

Operating conditions

temperature	5 - 45 °C
relative humidity	max. 80 %

* optional   ** with option Ethernet/LAN   *** in cutter or dispensing mode

Standard equipment
- CD containing Windows printer driver and manuals
- Date and time
- Integrated unwinder (max. outer diameter 200 mm)
- Integrated rewinder (max. outer diameter 100 mm)
- IBM keyboard connection

Options
- Cutter unit
- Tear-off edge
- Label collecting cup
- Dispensing unit
- External I/O
- Alphanumeric keyboard
- 2-slot PCMCIA drive
- PCMCIA cards 512 KB, 1 MB, 2 MB
- Bar code scanner
- RFID module
- Label design software Labelstar PLUS

www.markkom.de

TÜV
MANAGEMENT SERVICE
ISO 9001

Art.-Nr.: 96 67 059

Simply versatile

Vario II series

www.valentin-carl.de