

**Plug'n Play****PICA 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 100 mm/s**  
**Print width up to 108 mm**  
**Online printer**  
**Robust metal chassis**  
**For small printing volumes**

**Operation and indication elements**

By means of the foil keyboard applied to the front of the printer, it can be set online or offline and prints can be started or cancelled. Moreover, label feeding, different print examples, an error code list or a status print, can be activated. Both LED indicate either online / offline mode or a possible error status.

**Tear-off edge**

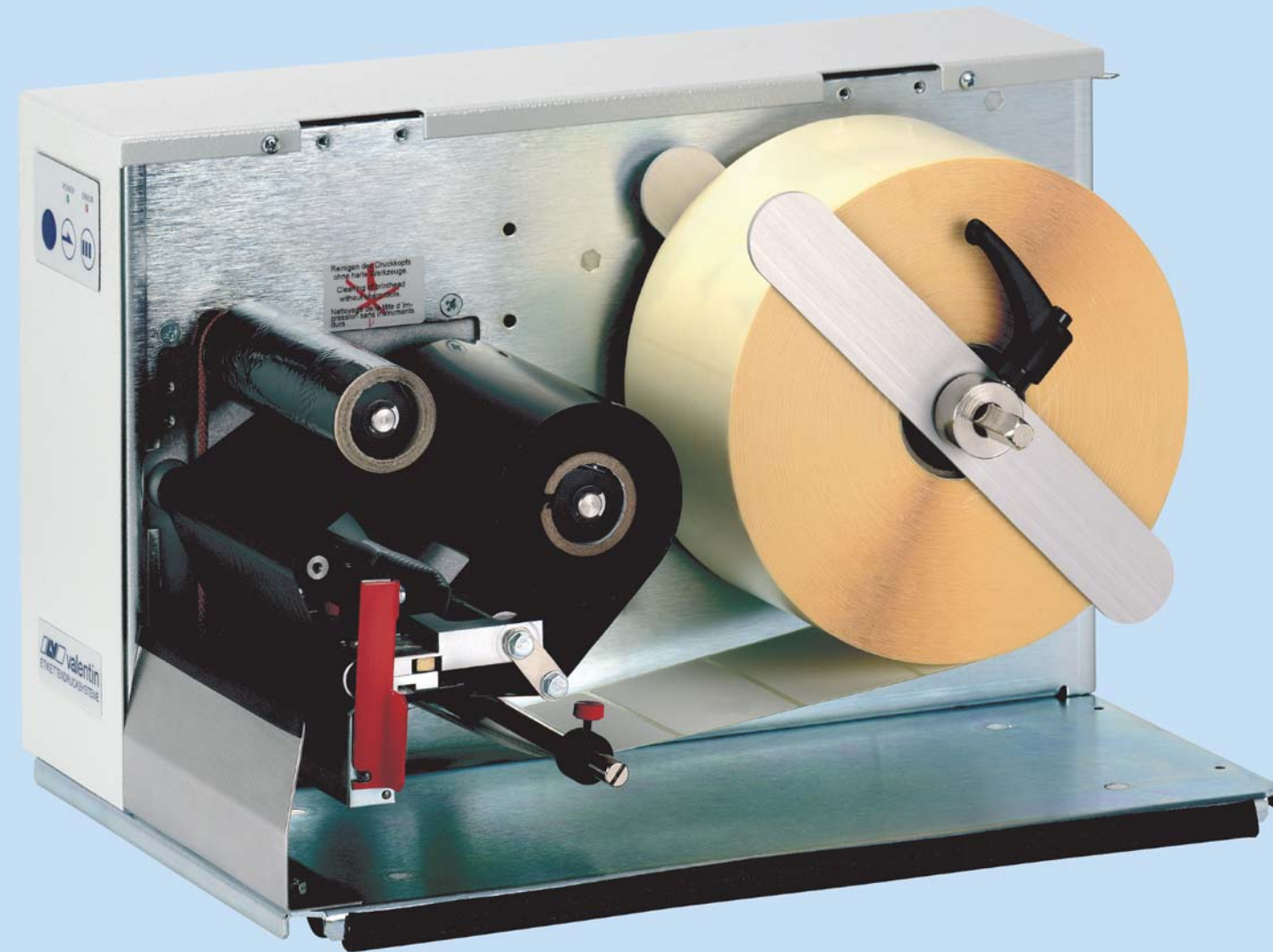
Perforated and adhesive labels can be detached easily by means of a tear-off edge that is equipped as standard.

**Cutter**

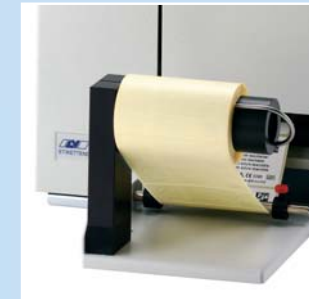
With the rotary cutter label materials up to a weight of approx. 200 g/m<sup>2</sup> can be cut. The refit cutter permits single cut, double and interval cut.

**RFID-Module**

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

**Rewinding unit**

The optional and retrofit external rewinding unit can be used either for rewinding labels (in front) or substrate in dispensing mode (behind).

**Interfaces**

The Pica is equipped as standard with a serial RS-232 and a parallel Centronics interface. The serial interfaces, like RS-422, RS-485 as well as USB and Ethernet interface are optional.

**Dispensing unit**

The dispensing unit separates the label from carrier and provides it for further processing. After removing the label, the following print order is activated by the dispensing photocell or an external impulse. The carrier can be rewound by way of an external rewinding unit.

**Labelstar PLUS**

In connection with our label design software, 'Labelstar PLUS', we offer a complete system that is completely compatible. The 32-bit software leaves you in no doubt of its ease of handling and meets the very highest demands.



Print	Pica 104/8	Pica 108/12
print width	104 mm	108 mm
max. label width	110 mm	110 mm
min. label width	15 mm	15 mm
max. print height	1500 mm / 900 mm **	650 mm / 400 mm **
min. label height	6 mm / 15 mm ***	6 mm / 15 mm ***
resolution	203 dpi	300 dpi
print speed	80 mm/s	100 mm/s
printhead	FlatType	FlatType

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

Bar codes		
1D bar codes	EAN 8, EAN 13, EAN 128, Code 39, Code 39 extended, Code 128, Code 2/5 interleaved	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, 2400...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	180 mm	

Transfer ribbon		
core diameter	25,4 mm / 1"	
max. length	300 m	
max. roll diameter	70 mm	
coating	outside	

Dimensions		
width x height x depth	230 mm x 230 mm x 350 mm	

Weight		
	9 kg	

Connecting values		
voltage supply	230 V / 50 Hz	
optional	115 V / 60 Hz *	
power consumption	24 V DC / 120 VA max. 1,0 A / 230 V	

Operating conditions		
temperature	5 - 45 °C	
relative humidity	max. 20 - 80 %	

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

- Standard equipment**
- CD containing Windows printer driver and manuals
  - Multi-tasking operating system
  - Tear-off edge

- Options**
- Cutter unit
  - Label dispensing unit
  - External I/O
  - External rewinder PR 28 (max. outer diameter 180 mm)
  - External unwinder PA 28 (max. outer diameter 250 mm)
  - Internal Ethernet interface
  - USB interface
  - Label design software Labelstar PLUS

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