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ETIKETTENDRUCKSYSTEME

LABEL PRINTER
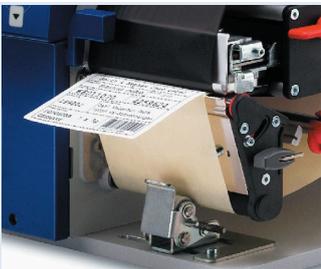## Compa II series

QUALITY. TRADITION. INNOVATION.

» COMPA II SERIES

» Modular structure for high versatility

- Large label rolls up to a diameter of 200 mm
- Print speed up to 200 mm/s
- Simplest operating and maintenance ability

The optimal matching of transfer ribbon, label and pressure power enable the Compa II to print onto type plates, adhesive labels, paper, cardboard, textile and plastic. Fast and easily suitable labels with an abrasion, weather and chemical resistant printout can be obtained. A lifelong identification of your product and traceability with the aid of serial numbers is guaranteed. Requirements of a reliable labelling e.g. for the automobile industry are guaranteed. The ultimate ambition with the development was the simple and comfortable handling as well as high reliability – also in harsh environments. Housing and print mechanics are perfectly coordinated and manufactured from high-quality materials. Each specific customer requirement is realised with the extensive periphery and software.

» Label Dispenser Unit
For dispensing of labels an additional dispenser photocell or dispenser inputs are needed. After removing the label the print order is activated by the dispenser photocell or by an external signal on the dispenser input. The backing paper is rolled up with the internal standard rewinder.

» Cutter Unit
The half-rotary cutter of Compa II series permits fast cutting of different label materials up to a weight of 220 g/mm2. The refit cutter permits single, interval and final cut. The cutter can be mounted easily and fast with two pins to the printer and fixed with a screw.
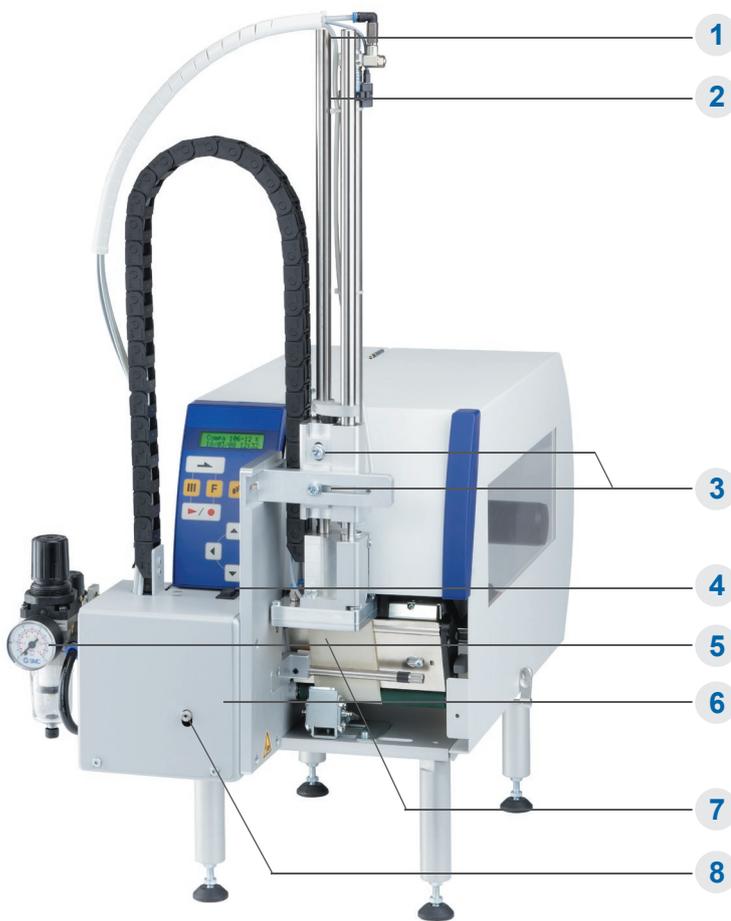
» External Label Rewinders
With the rewinder units PR 10 and PR 15 it is possible to process label rolls up to a diameter of 210 mm. The rewinders are bolted directly to the printer. With the rewinding units PR 12 and PR 17 the maximum diameter of label rolls is 300 mm. Due to the internal power supply unit they are equally suitable for all printer types. An electronic control via swing arm enables smooth and tight winding.

»APPLICATOR APL 100

The applicator APL 100 can be attached fast and easily by Plug & Play to the printers of this series. The connection can also be effected later at any time. Simple labelling applications/ product labelling can be solved reliably and economically. The applicator applies label with a size starting from 25 x 25 mm automatically onto the product by rolling on, blowing on or stamping on.

1. Long Lifetime
The guide bars have ball bearings which avoid abrasion.

2. Variable Product Heights
With the pneumatic cylinder it is possible to compensate differences in product heights. It is available in different stroke lengths.

3. Simple Adjustment
Four screws are needed to adjust the stamp pad to the dispensing edge. The processing can be optimised at the operator panel during testing.

4. Pre-Dispense Key
Testing the labelling function. After the first push of this key the label is printed and transferred to the applicator. By pushing the key again the label is applied.

5. Compressed-Air Service Unit
The mounting is effectuated to the printer and to the frame or to the stand if desired. The micro filter prevents contamination; the compressed air regulator guarantees the labelling quality.

6. High Process Reliability
The support and intake air as well as lifting speed are adjustable. To avoid contamination within the vacuum channels they will be cleaned by an air pressure impulse at the end of each application.

7. Real-Time Labelling
Labels with a height of 25 – 200 mm and width of 25 – 176 mm can be applied.

8. Quick Assembly
Like any other accessory, the applicator is plugged to the printer with two stoppers and can be attached with only one screw.

	STAMP ON	BLOW ON	ROLL ON
Label width	25 - 176 mm	25 - 176 mm	25 - 176 mm
Label height	25 - 200 mm	80 - 200 mm	25 - 100 mm
Cylinder stroke		300 mm	
Stamp stroke below printer		180 mm	
Compressed-air		4 - 8 bar	
Product surface		flat	

Compa II Series
Technical Data

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Print	Compa II 104/8	Compa II 106/12	Compa II 162/12	Compa II 103/8 T	Compa II 108/12 T	Compa II 162/12 T
Print Width	104 mm	105,7 mm	162,6 mm	104 mm	108,4 mm	162,6 mm
Max. Label Width	116 mm	116 mm	176 mm	116 mm	116 mm	176 mm
Min. Label Width	12 mm	12 mm	50 mm	12 mm	12 mm	50 mm
Max. Print Height	6000 mm (higher on demand)	3000 mm (higher on demand)	2000 mm (higher on demand)	6000 mm (higher on demand)	3000 mm (higher on demand)	2000 mm (higher on demand)
Min. Label Height Standard Spende-/Messerbetrieb	5 mm 15 mm	5 mm 15 mm	6 mm 15 mm	5 mm 15 mm	5 mm 15 mm	6 mm 15 mm
Resolution	203 dpi	300 dpi	300 dpi	203 dpi	300 dpi	300 dpi
Max. Print Speed	200 mm/s	200 mm/s	150 mm/s	200 mm/s	200 mm/s	150 mm/s
Printhead	Flat Type for thermal transfer	Flat Type for thermal transfer	Flat Type for thermal transfer	Flat Type for thermal direct	Flat Type for thermal direct	Flat Type for thermal direct
Labels						
Labels, Continuous Rolls/Fanfold	Paper, cardboard, textile, synthetics					
Max. Material Weight	220 g/m² (larger on demand)					
Max. Roll Diameter Internal Unwinding Internal Rewinder	180 mm 145 mm (option)					
Core Diameter	40 mm / 75 mm (option)					
Winding	Outside or inside					
Label Sensor	Transmission and reflexion from below					
Transfer Ribbon						
Ink	Outside or inside					
Max. Roll Diameter	Ø 80 mm					
Core Diameter	25,4 mm / 1"					
Max. Length	300 m					
Max. Width	110 mm					
Dimensions						
Width x Height x Depth	236 mm x 238 mm x 374 mm					
Weight	10 kg	10 kg	14 kg	10 kg	10 kg	14 kg
Electronics						
Processor	High Speed 32 Bit					
RAM	16 MB / 64 MB (on demand)					
Slot	Compact Flash Card Typ I					
Battery Cache	Real-Time clock (storage of data with shut-down)					
Warning Signal	Accoustic signal when error					
Interfaces						
Serial	RS-232C (up to 115200 Baud)					
Parallel	Centronics					
USB	2.0 High Speed Slave					
Ethernet	10/100 Base T, LPD, RawIP-Printing, DHCP, HTTP, FTP					
2 x USB Master	Connection for external USB keyboard and memory stick					
WLAN (Option)	Card 802.11b/g WEP/WPA PSK (TKIP)					
Operation Data						
Power Supply	110-230 V / 50-60 Hz					
Max. Power Consumption	150 VA					
Operating Temperature	5-35 °C					
Max. Humidity	max. 80% (non-condensing)					
Fonts						
Font Types	6 Bitmap Fonts; 6 Vektor Fonts/TrueType Fonts; 6 Proportional Fonts Other fonts on demand					
Character Sets	Windows 1250 bis1257, DOS 437, 850, 852, 857; EAll West and East European Latin, Cyrillic, Greek, Hebrew and Arabic characters are supported. Other character sets on demand.					
Bitmap Fonts	Size in width and height 0.8-5.6; Zoom 2-9; Orientation 0°, 90°, 180°, 270°					
Vektor Fonts/TrueType	6 BITSTREAM®-Fonts; Size in width and height 1-99 mm; Variable zoom; Orientation 360° in steps of 90°					
Font Attributes	Depending on character font - bold, italic, inversek, vertical					
Bar Codes						
1D Bar Codes	CODABAR, Code 128, Code 2/5 interleaved, Code 39, Code 39 extended, Code 93, EAN 13, EAN 8, EAN ADD ON, GS1-128 (EAN 128), Identcode, ITF 14, Leitcode, Pharmacode, PZN Code, UPC-A, UPC-E					
2D Bar Codes	CODABLOCK F, DataMatrix, MAXICODE, PDF 417, QR Code					
Composite Bar Codes	GS1 DataBar Expanded, GS1 DataBar Limited, GS1 DataBar Omnidirectional, GS1 DataBar Stacked, GS1 DataBar Stacked Omnidirectional, GS1 DataBar Truncated					
	All bar codes are variable in height, module width and ratio Orientation 0°, 90°, 180°, 270° Optionally with check digit and human readable line					

Modifications are subject to

EN 61000-6-3: 2007; EN 61000-6-2: 2005

CE