Spectra II
Highspeed performance in second generation

Highlights

- 6.5" Touch-screen display
  Variant with LCD graphic display & foil keyboard [1]
- Print speed up to 350 mm/s
- Compact cover
- Transfer ribbon saving

Options

- Rotation cutter unit
- Dispenser unit
- Roll-to-Roll
- Internal rewinder
- External rewinder

[1] These are two independent printers.

Rotation cutter unit

Dispenser unit

Internal rewinder

	Spectra II 103/8 (104/8)	Spectra II 106/12	Spectra II 106/24	Spectra II 107/12	Spectra II 108/12	Spectra II 160/12	Spectra II 162/12	Spectra II 216/12
Printing								
Print resolution	200 dpi	300 dpi	600 dpi	300 dpi	300 dpi	300 dpi	300 dpi	300 dpi
Print speed	350 mm/s	350 mm/s	100 mm/s	350 mm/s	350 mm/s	300 mm/s	300 mm/s	200 mm/s
Print width	104 mm	105.7 mm	105.6 mm	106.6 mm	108.4 mm	160 mm	162.6 mm	216.8 mm
Passage width	116 mm	116 mm	116 mm	116 mm	116 mm	176 mm	176 mm	226 mm
Printhead	Flat Type [1+2 (2)]	Flat Type [2]	Flat Type [2]	Corner Type [2]	Flat Type [1+2]	Corner Type [2]	Flat Type [1+2]	Flat Type [1+2]
Labels								
Adhesive labels, continuous labels	rolls or fan-fold: paper, cardboard, textile, synthetics							
Material weight	max. 220 g/m² (larger on demand)							
Label width	min 15 mm	min 15 mm	min 15 mm	min 15 mm	min 15 mm	min 50 mm	min 50 mm	min 100 mm
Label height Standard Cutter mode/dispenser mode	 min 6 mm min 25 mm	 min 6 mm min 25 mm	 min 15 mm min 25 mm	 min 6 mm min 25 mm	 min 6 mm min 25 mm	 min 15 mm min 25 mm	 min 15 mm min 25 mm	 min 15 mm min 25 mm
Label height	max 6000 mm	max 3000 mm	max 750 mm	max 3000 mm	max 3000 mm	max 2000 mm	max 2000 mm	max 1000 mm
Roll diameter Internal unwinder Internal rewinder	 max 200 mm max 200 mm (option)							
Core diameter	40 mm / 75 mm (option)							
Winding	outside or inside							
Label sensor Standard Option	 bottom transmission and reflexion top transmission and reflexion, ultrasonic photocell							
Transfer Ribbon								
Ink	outside or inside							
Core diameter	25.4 mm / 1"							
Roll diameter	max Ø 90 mm							
Length	max 450 m							
Width	max 110 mm	max 110 mm	max 110 mm	max 110 mm	max 110 mm	max 163 mm	max 170 mm	max 220 mm
Fonts								
Font types	6 bitmap fonts I 8 vector fonts/TrueType fonts I 6 proportional fonts I other fonts on demand							
Bar Codes								
1D bar codes	2/5 Industrial, Codabar, Code 128, Code 128A, Code 128B, Code 2/5 interleaved, Code 39, Code 39 extended, Code 93, EAN 13, EAN 8, EAN Add-on, GS1-128, Identcode, ITF 14, Leitcode, Pharmacode, PLANET (Postal Alpha Numeric Encoding Technique), PostNet, PZN 7, PZN 8, UPC-A, UPC-E, USPS Intelligent Mail							
2D bar codes	Aztec Code, CODABLOCK F, DataMatrix, GS1 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							
Dimensions								
width x height x depth	287 x 380 x 503 mm	287 x 380 x 503 mm	287 x 380 x 503 mm	287 x 380 x 503 mm	287 x 380 x 503 mm	337 x 380 x 503 mm	337 x 380 x 503 mm	387 x 380 x 503 mm
Weight								
Weight	19 kg	19 kg	19 kg	19 kg	19 kg	21 kg	21 kg	28 kg
Interfaces								
Serial	RS-232C (max 115,200 baud)							
Parallel	SPP							
USB	2.0 High Speed Slave							
Ethernet	10/100 Base T, LPD, RawIP-Printing, DHCP, HTTP, FTP							
WLAN (option)	module 802.11 b/g/n WEP, WPA, WPA-PSK, WPA2, WPA2-PSK, EAP							
Operating Conditions								
Nominal voltage	110 … 230 V AC / 50 - 60 Hz							
Power	300 VA							
Nominal current	2.7 A							
Operating temperature	5 … 35 °C							
Relative humidity	max 80 % (non-condensing)							

[1] = for thermal direct . [2] = for thermal transfer