

Spectra – Economy paired with maximum power.



Highlights

- > Rewinding of large label rolls with a diameter up to 200 mm
- > Automatic ribbon saving (with Corner-Type printhead)
- > Print widths up to 216 mm
- > Print speed up to 300 mm/s

Options

- > Bar code scanner
- > Rotation cutter unit
- > Dispenser unit
- > Dispenser I/O
- > Internal rewinder
- > External rewinder

Rotation cutter unit



Dispenser unit



Internal rewinder



	Spectra 107/12	Spectra 108/12	Spectra 160/12	Spectra 162/12	Spectra 216/12
Printing					
Print resolution	305 dpi	300 dpi	305 dpi	300 dpi	300 dpi
Print speed	max 300 mm/s	max 300 mm/s	max 150 mm/s	max 150 mm/s	max 100 mm/s
Print width	max 106.6 mm	max 108.4 mm	max 160 mm	max 162.6 mm	max 216.8 mm
Passage width	max 116 mm	max 116 mm	max 176 mm	max 176 mm	max 226 mm
Printhead	Corner Type	Flat Type	Corner Type	Flat Type	Flat Type
Labels					
Adhesive labels, continuous labels	rolls or fan-fold: paper, cardboard, textile, synthetics				
Material weight	max. 220 g/m ² (larger on demand)				
Label width	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 15 mm	min 6 mm min 15 mm	min 15 mm min 25 mm	min 15 mm min 25 mm	min 15 mm min 25 mm
Label height (higher on demand) Standard Ethernet (option)	max 1200 mm max 1100 mm	max 1200 mm max 1100 mm	max 800 mm max 700 mm	max 800 mm max 700 mm	max 600 mm max 500 mm
Roll diameter internal unwinder internal rewinder	max 200 mm max 160 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, transmission w/o reflexion, ultrasonic photocell				
Transfer ribbons					
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 170 mm	max 170 mm	max 220 mm
Fonts					
Font types	6 bitmap fonts 6 vector fonts/TrueType fonts 6 proportional fonts more fonts on demand				
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, Identcode, ITF 14, Leitcode, Pharmacode, PZN 7 Code, PZN 8 Code, UPC-A, UPC-E				
2D bar codes	CODABLOCK F, DataMatrix, GS1 DataMatrix, MAXICODE, PDF 417, QR Code				
GS1 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	275x380x475 mm	275x380x475 mm	335x380x475 mm	335x380x475 mm	385x380x475 mm
Weight					
Weight	19 kg	19 kg	21 kg	21 kg	28 kg
Interfaces					
Serial	RS-232C (max 57,600 baud), RS-422 (option), RS-485 (option)				
Parallel	Centronics				
USB	1.1				
Ethernet	10/100 Base T (option)				
Operating conditions					
Nominal voltage	230 V / 50 – 60 Hz – fuse 3.15 AT 115 V / 50 – 60 Hz – fuse 6.3 AT (option)				
Current	max 320 VA				
Operating temperature	5 – 35 °C				
Relative humidity	max 80 % (non-condensing)				