



Label printer XC
For two-tone printing.



For two-tone printing

Two successively arranged thermal transfer printing units for simultaneous printing of two colors in one document.

The first printing unit is additionally equipped with a ribbon saver.

The XC-series meets the criteria for the new classification and labelling obligations for chemicals according to GHS.

Solid metal cover made of dye-cast aluminium.

For big media rolls up to 300mm diameter.

Both printing units with the ribbon retainers, the operation panel and the electronic system are currently used in our successful A⁺-series industrial printers.



- 1 Big graphic display**
White backlight guarantees optimal legibility.
- 2 Ribbon retainer**
The three-part tightening axles allow a fast and easy ribbon exchange.
- 3 Easy adjustment**
The printheads are pressed down with plungers. One is mounted stationary at the inner surface, the other one is pushed to the right label margin.
- 4 Peripheral connection**
All additional modules such as stacker and cutter are easily adjustable. All peripheral devices can be attached to the printer with two adapters and affixed with one screw in a matter of seconds.
- 5 Solid, buckling resistant metal chassis**
It is made of die-cast aluminium. All devices are assembled to it.
- 6 Roll holder**
The swing lever and the integrated brake make sure that the labels are unwound with constant tension.
- 7 Ribbon saver for printhead 1**
This process avoids smudging printing when pulling back labels after the printing process. Ribbon is saved when large labels with a small printed area are required.

1. Printhead		XC4	XC6
Printing method		Thermal transfer	
Print resolution dpi		300	300
Print speed up to mm/s		30, 40, 50, 75, 100, 125	30, 40, 50, 75, 100, 125
Print width up to mm		105.6	162.6
2. Material			
Labels, continuous rolls or fan-folded		Paper, cardboard, textiles, synthetics like PET, PE, PP, PVC, PU, Acrylat, PI	
Thickness mm / weight g/m ²		0.05 - 0.8 / 60 - 180	
Width:	Labels mm	20 - 116	50 - 176
	of liner or of continuous material mm	25 - 120	50 - 180
Height ¹⁾ :	Labels mm	20 - 2000	20 - 1500
Media roll:	Total diameter up to mm	300	
	Core diameter mm	76	
	Winding direction	outside or inside	
3. Ribbon			
Ink		outside or inside	
Roll diameter up to mm		72	
Core diameter mm		25,4	
Ribbon length variable up to m		360	
Width ²⁾ up to mm		25 - 114	55 - 165
Saver printhead 1		■	
5. Dimensions			
Height x Depth x Width mm		395 x 554 x 248	395 x 554 x 358
Weight kg		22	24
6. Label sensor			
See-through sensor		for leading edge of the label or punching marks and end of material	
Reflective sensor from the bottom		for printing marks	
Distance to leading edge mm		5 - 53	
7. Electronics			
Processor high speed 32 Bit ColdFire/Taktrate MHz		266	
(RAM) MB		64	
Memory IFFS MB Flash		8	
Slot for memory CompactFlash-card Type I		■	
Slot for Wireless LAN-card		■	
Battery cache for		Real-time clock, printout of time and date Storage of data with shut-down	
Warning signal		Acoustic signal when error	
8. Interfaces			
USB 2.0 High Speed Slave for PC-connection		■	
Ethernet 10/100 Base T, LPD, RawIP-Printing, ftp-Printing, DHCP, HTTP, FTP, SMTP, SNMP, TIME, Zeroconf, mDNS, SOAP		■	
Peripheral connection		■	
WLAN card 802.11b/g WEP/WPA PSK (TKIP)		□	
2 x USB Master for		external operation panel, keyboard, scanner or service key	
9. Operating data			
Power supply		100 - 240 V ~ 50/60 Hz, PFC	
Power consumption		max. 300 W	
Temperature / Humidity:	Operation	+5 - 40°C, / 10 - 85% not condensing	
	Storage	+0 - 60°C, / 20 - 85% not condensing	
	Transport	-25 - 60°C, / 20 - 85% not condensing	
Approvals		CE, in preparation FCC class A, CB, CCC, UL	

¹⁾ Depending on label size, material and adhesive limitations are possible. Critical material or applications have to be tested and cleared.

²⁾ The ribbon should approximate the width of the labels in order to avoid drapery.

10. Operation panel	
Buttons/LED display	Pause, Feed, Cancel, Menu, Enter, 4 x Cursor
LCD graphic display	Text 4 lines, ca. 20 characters per line
Width x Height mm	60 x 40
11. Settings	
	Digital or analog clock Time System settings Date Print parameters Interfaces 25 language settings Security
12. Monitoring	
Stop printing if	End of ribbon End of labels Printhead open
On the display	Data reception Clock WLAN field intensity Date sheet Ethernet state abc Debug Used memory Input buffer Temperature printhead Access to memory card Remaining quantity of ribbon
13. Test routines	
System diagnosis	When switched on with testing of printhead
Short status, status print	Font list, device list, WLAN state, profile of label, test grid, monitor mode, PPP state
Status reports	Extensive status print with information about setting, e.g. print length counter, runtime counter etc. Request of machine state via software command. Detailed status messages on the display, e.g. network error-no link, barcode error etc.
14. Fonts	
Font types	5 Bitmap fonts incl. OCR-A, OCR-B and 3 Vector fonts Swiss 721, Swiss 721 Bold and Monospace 821 available internally, loadable TrueType fonts. Optional Chinese (simplified Chinese) Optional Thai
Character sets	Windows 1250 up to 1257, DOS 437, 737, 775, 850, 852, 857, 862, 864, 866, 869, EBCDIC 500, ISO 8859-1 up to -10 and -13 up to -16, WinOEM 720, UTF-8, Macintosh Roman, DEC MCS, KOI8-R. All West and East European latin, cyrillic, greek, hebrew and arabic characters are supported. Optional Thai and Chinese
Bitmap-Fonts	Size of width and height 1 - 3 mm zoom 2-10. Orientation 0°, 90°, 180°, 270°
Vector-/TrueType fonts	Size of width and height 0.9 - 128 mm variable zoom, Orientation 360° in steps of 1°
Font formats	Bold, italic, underlined, outline, negative, grey, vertical, depending on character fonts
Font width	Variable

15. Graphics	
Graphic elements	Line, arrow, box, circle, ellipse, filled and filled with fading
Graphic formats	PCX, IMG, BMP, TIF, MAC, GIF, PNG
16. Barcodes	
Linear Barcodes	Code 39, Code 93 Code 39 Full ASCII Code 128 A, B, C Codabar EAN 8, 13 EAN/UCC 128 EAN/UPC Appendix 2 EAN/UPC Appendix 5 FIM HIBC Interleaved 2/5 Ident- and leader code of Deutsche Post AG JAN 8, 13 MSI Plessey Postnet RSS 14 UPC A, E, E0
2D-Codes	Aztec, Codablock F, Data Matrix, PDF 417, Micro PDF 417, UPS Maxicode, QR-Code, RSS 14 truncated, limited, stacked and stacked omnidirectional, EAN-Datamatrix, GS1 Data Bar All codes variable in height, module width and ratio. Orientation 0°, 90°, 180°, 270°. Optional with check digit, printed characters and Start/Stop code depending on code type.
17. Software	
Programming	J-Script direct programming <input checked="" type="checkbox"/> abc-Basic Compiler <input checked="" type="checkbox"/> Database Connector <input type="checkbox"/>
System diagnosis/administration	Printer monitoring <input checked="" type="checkbox"/> Network Manager <input type="checkbox"/>
Label software	cablabel R2+ <input checked="" type="checkbox"/> Codesoft, Nicelabel, Easylabel <input type="checkbox"/> Bartender, Label Matrix, Labelview <input type="checkbox"/>
Windows driver certified	32/64 bit for Windows 2000 Server 2003 Windows XP Server 2008 <input checked="" type="checkbox"/> Windows Vista Server 2008 R2 Windows 7
Stand-alone operation	<input checked="" type="checkbox"/>
	Standard <input checked="" type="checkbox"/> Option <input type="checkbox"/> Authorized distribution by resellers <input type="checkbox"/>



Innovative technology for better climate protection.
Energy-saving.
Environmentally conscious.

The specifications are according to our current technical knowledge. They are subject to change.

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