

BBP™72 Printer

Double-Sided Sleeve printer



BBP™72 from Brady is a 4 inch, thermal transfer double-sided sleeve printer. The BBP72 is a time-saving printer since printing both sides of the sleeve happens simultaneously, which satisfies the growing need of customers to have information on both sides of the sleeve.

This printer is the ideal solution for printing sleeves for the aerospace, defence and mass transit markets (ADM).

BBP™72 Printer

Article Number	Description
361110	BBP72-34L-EUR + installation

Printhead

Printing method	Thermal transfer
Print resolution dpi	300
Print speed up to mm/s	30, 40, 50, 75, 100, 125
Print width up to mm	105.6

Material

Continuous rolls or fan-folded	Double sided heat shrinkable sleeves
Material thickness mm/weight g/m ²	0.055 - 1.2 60 - 300
Width: Label ¹⁾ mm	4 - 106
Carrier material mm	25 - 110
Continuous material ¹⁾ and flat pressed tubes ¹⁾ from 0.4 thick mm	3.5 - 110
Height ¹⁾ mm	5 - 1000
Media roll: Total diameter up to mm	300
Core diameter mm	38 - 100
Winding direction	Preferred inside

Ribbon

Ink	Outside or inside
Roll diameter up to mm	80
Core diameter mm	25
Ribbon length variable up to m	500
Width mm	114

Dimensions of the printer

Height x Depth mm	395 x 554
Width mm	248
Weight kg	21

Material 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 from the middle to the left in mm	0 - 53

Electronics

Processor high speed 32 Bit ColdFire/frequency MHz	266
RAM MB	64
Memory IFFS MB Flash	8
Slot for memory Compact-Flash-card Type I	YES
Slot for Wireless LAN-card	YES
Battery cache for	Real-time clock, printout of time and date Storage of data with shut-down
Warning signal	Acoustic signal when error

Interfaces

Serial RS232 C 1.200 up to 230.400 Baud/8 Bit	YES
USB 2.0 High Speed Slave for PC-connection	YES
Ethernet 10/100 Base T, LPD, RawIP-Printing, ftp-Printing, DHCP, HTTP, FTP, SMTP, SNMP, TIME, Zeroconf, mDNS, SOAP	YES
RS422, RS485 1.200 bis 230.400 Baud/8 Bit	NO
Peripheral connection	YES
WLAN card 802.11b/g WEP/WPA PSK (TKIP)	NO
2 x USB Master for	External operation panel, keyboard, scanner or service key

1) Critical materials or applications need to be tested and released

Operation data	
Power supply	100 - 240 V ~ 50/60 Hz, PFC
Power consumption	Max. 300 W
Operation temperature	10 - 35°C
Humidity	30 - 85% not condensing
Approvals	CE, FCC class A, CB, CCC, UL
Operation panel	
Buttons illuminated/ LED-Graphics	Pause, Feed, Cancel, Menu, Enter, 4 x Cursor
LCD-graphic display	Width 60, Height 40 mm, 4 lines, characters about 20
Settings	
Time, date, digital or analogue clock, 19 language settings, system settings, print parameters, Interfaces, security	
Monitoring	
Stop printing if	End of ribbon End of labels Printhead open
On the display	Data reception WLAN field intensity Ethernet State Used Memory Temperature Printhead Access to Memory card Remaining quantity of ribbon Clock Date Sheet Abc Debug Input buffer
Test routines	
System diagnosis	When switched on with testing of print head
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.
Graphics	
Graphic elements	Line, arrow, box, circle, ellipse, filled and filled with fading
Graphic formats	PCX, IMG, BMP, TIF, MAC, GIF, PNG

Fonts	
Font Types	5 Bitmap fonts incl. OCR-A, OCR-B and 3 Vector 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 1-3mm Zoom 2-10. Orientation 0°, 90°, 180°, 270°
Vector-/True Type 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
Codes	
Linear Barcodes	Code 39, Code 93, Interleaved 2/5, Code 39 Full ASCII, Ident- and leader, Code 128 A, B, C, code of Deutsche Post AG, Codabar, EAN 8, 13, JAN 8, 13, EAN/UCC, 128 MSI, EAN/UPC, Appendix 2, Plessey, EAN/UPC, Appendix 5, Postnet, FIM, RSS 14, HIBC, UPC A, E, EO
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°. Optionally with check digit, printed characters and Start/Stop code depending on code type.	
Software	
Programming	J-Script direct programming, abc-Basic Compiler
System diagnosis/ Administration	Printer monitoring
Label software	CodeSoft™ Pro, Enterprise, Network 8.5 or higher, BradySoft™ Standard, Ultimate, Network 8.5 or higher, LabelMark™ 4 or higher
Windows driver	2000, XP 32/64 bit, 2003 32/64 bit, Vista 32/64 bit
Stand-alone operation	YES