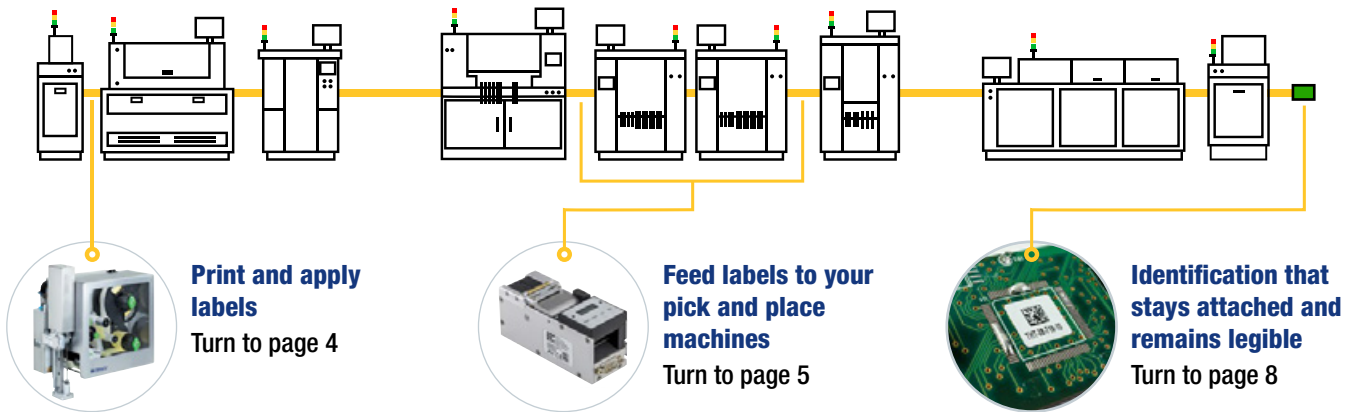# Enable Smart Manufacturing

Automated printed circuit board labelling

Enable Smart Manufacturing

In Smart Manufacturing machines and systems generate, analyse and use data to optimise production efficiency, create flexible manufacturing processes and respond quickly and at low cost to changes in demand. An Industry 4.0 Smart Factory employs only systems that are interconnected and able to send or receive data from the other systems in the supply chain.

Via durable product labels that remain legible throughout entire production cycles, applied by accurate, automated print & apply systems, Brady can connect every circuit board in production to your Smart Factory. With our solution, every circuit board you produce can become a data generator to send information to your Manufacturing Execution System, to other machines and production cycles, or to your supply chain both up- and downstream.

Print and apply labels

Feed labels to your pick and place machines

Identification that stays attached and remains legible

To be used in P/N 065535
Run date 3.25.17
LOT# 4255673
1015897-00-D REV01
0113LF0000111

Label your printed circuit boards

Accurate tracking of raw materials and finished goods throughout production processes can increase production efficiency, open up new markets and attract more customers by enabling a number of competitive advantages.

- increased product quality control
- increased product safety
- increased reputation and brand protection
- reduced counterfeit components
- reduced production process costs

- reduced warranty costs
- reduced product recalls
- legal compliance
- regulatory compliance

BRADY
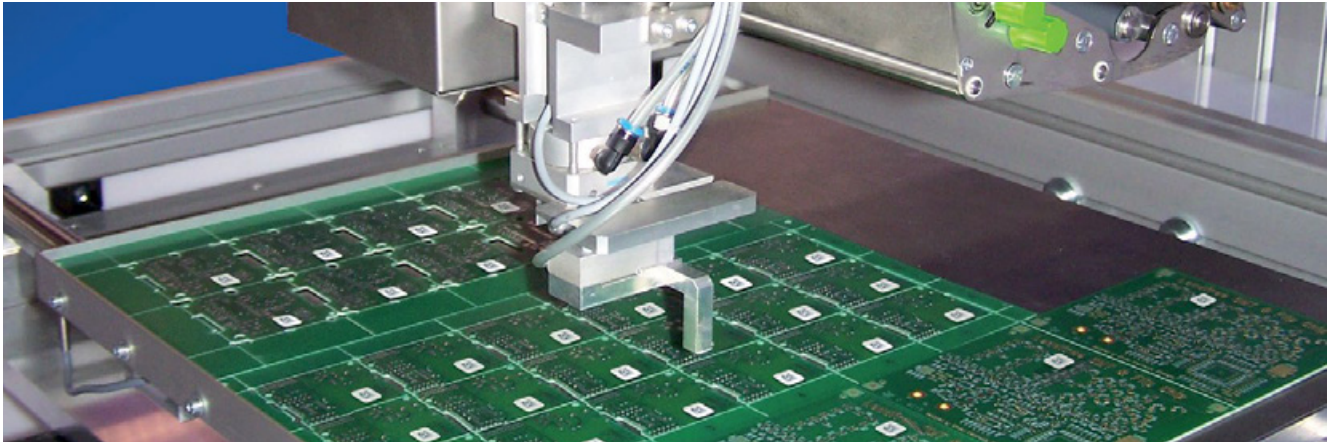
Automate your labelling

A fully automated printed circuit board labelling solution can activate the competitive advantages of Smart Manufacturing.

- increased workplace efficiency
- more data analysis for continuous improvement
- increased data accuracy
- faster problem intervention
- faster product batch localisation
- aligned raw material intake and machine
- operating parameters
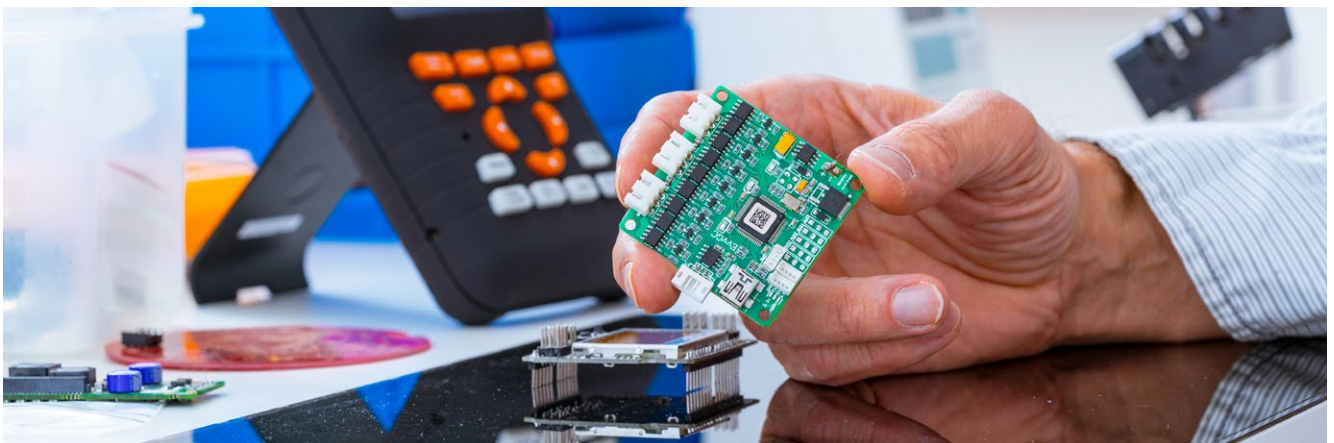
Automated printed circuit board labelling

Brady offers a reliable and complete solution to automate printed circuit board labelling in order to enable Smart Manufacturing. Our solution includes these components:
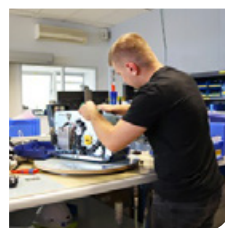
- durable auto-apply labels
- reliable auto-apply systems
- custom support including setup, maintenance and parts
- extensive label testing in in-house laboratories

AUTOMATED PRINT AND APPLY

DURABLE LABELS

CUSTOM SUPPORT

IN-HOUSE LABORATORY

Automatic label print & apply

The **BradyPrinter A8500 Label Printer Applicator** reliably automates printed circuit board labelling for complete traceability. It consistently prints and applies tiny labels from our polyimide auto-apply label range that can resist the entire PCB production process.
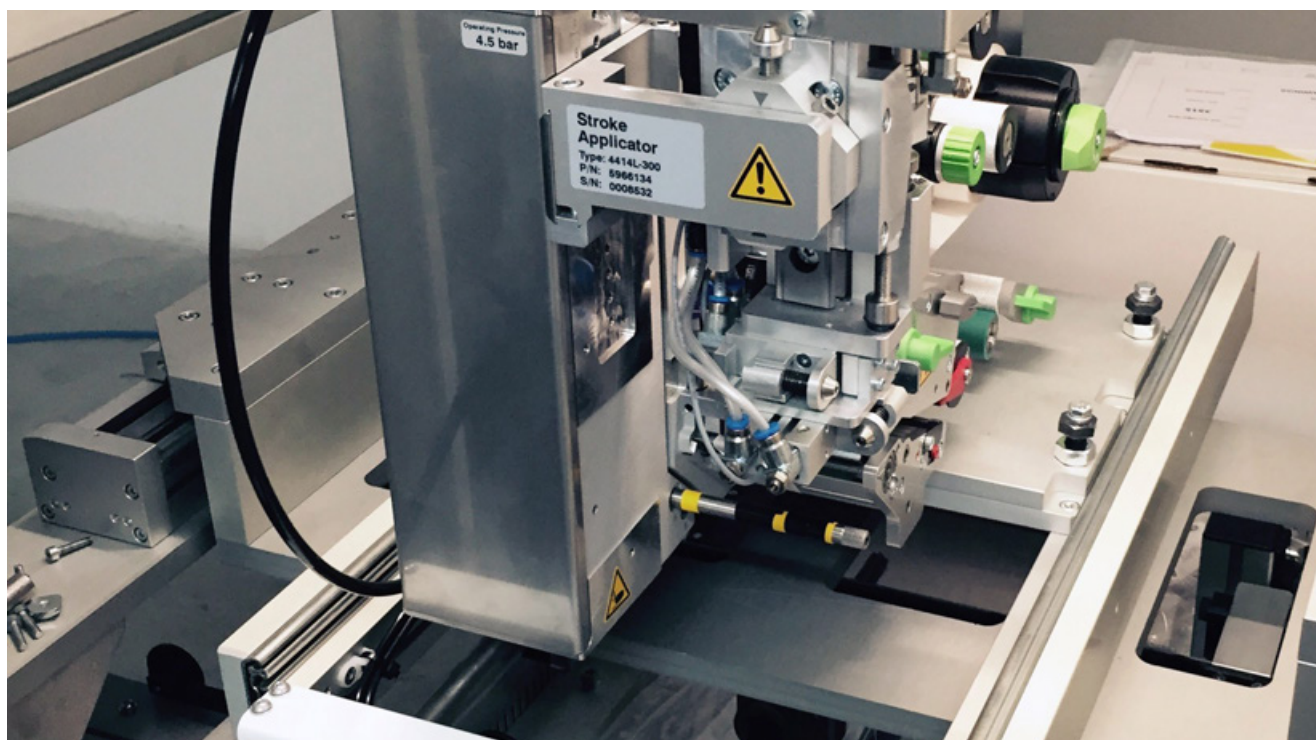

The BradyPrinter A8500

- accurately prints and consistently applies even the tiniest 4mm x 3.18mm labels in 600 dpi on printed circuit boards
- can keep up with the pace of SMT production lines thanks to a fast processor and cycle time
- can be installed anywhere along the production line and can receive label data from most company ERP-systems
- offers industry 4.0 connectivity and is OPC UA ready. Information can be transferred by the BradyPrinter A8500 to the plant control system, which can then initiate the next action.

! Zero queue print & apply

AUTOMATED PRINT AND APPLY

DURABLE LABELS

CUSTOM SUPPORT

IN-HOUSE LABORATORY

BRADY

Automatic label feeding

Typically our **ALF label feeder** is used as a central part of traceability solutions: integrated to machines placing components to assemblies e.g. in electronic manufacturing they allow a robust process applying uniquely serialized labels to products for traceability purposes, specifically where machine-readable bar code labels are used.

Labels are simply treated like any other component and are placed with the accuracy of your current pick and place machine. The label feeder's compact and durable design allows for flexibility and simplicity.

The ALF14 label feeder offers

- easy label loading and setup
- fast sensing and dispensing
- sends a warning signal when label guiding latch is left open
- easily adjustable liner width to avoid downtime
- compatibility with a wide range of label sizes
- compatibility with a range of pick & place machines
- easy integration thanks to a small footprint
- great durability
- easy signal interfacing for machine compatibility
- great reliability with Brady's printed circuit board labels.

! Flexible label feeding

The ALF19XS label feeder offers

- 28mm unit width. Small footprint on SMT line, which allows for a higher variety of components to be placed. At the same time opens up 1 to 2 more slots compared to the ALF14
- smallest material size: 2x2mm. Largest Label: 18x18mm. Liner Width: from 4 to 21mm. Designed to work with the label size needed
- user interface: Fast material changeover and quick adjustments through UI screen and three buttons on the outer end of the adapter
- fixed label presenting surface: labels are presented to a pad which allows for smaller labels
- remote access via Wi-Fi: get real-time status of the Label Feeder
- fully automated solution: once set up, works seamlessly in conjunction with the component placement equipment.
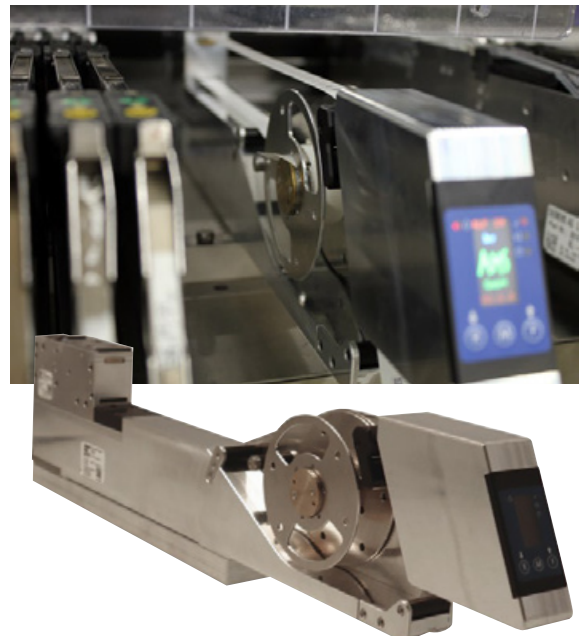
▶ **Product specifications on page 13**

AUTOMATED PRINT AND APPLY
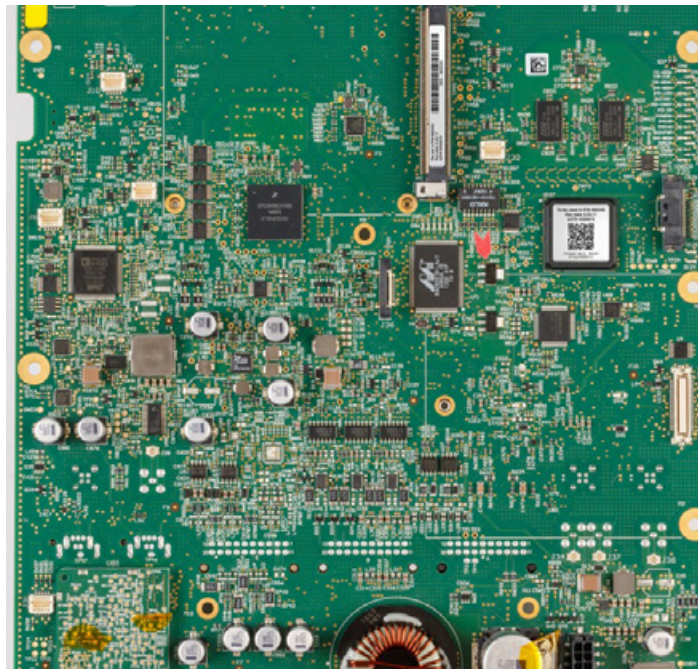
DURABLE LABELS

CUSTOM SUPPORT

IN-HOUSE LABORATORY

Reliable & fast precision printing

The **BradyPrinter i7100 Industrial Label Printer** offers durable and highly accurate label printing for business critical high volume identification challenges in Aerospace, Defence, Mass Transit, Electronics, Automotive and Logistics industries. Quickly print a wide range of high quality identification materials for a variety of applications including cable, printed circuit board and asset & component identification.

The BradyPrinter i7100 Industrial Label Printer offers:

- an easily accessible touch screen interface
- a small system footprint
- fast consumable changes
- a powerful internal processor designed to handle up to 7000 labels per day
- up to 300 mm/sec print speed
- 600 dpi ultra-sharp printing
- centre alignment of prints for high printing accuracy
- interchangeable platen rollers for optimised printhead life time
- a wide range of high quality identification materials
- RFID label printing capability

► **Learn more at bradyeurope.com/i7100 or scan to watch the overview video.**

► **Product specifications on page 14**

AUTOMATED PRINT AND APPLY **DURABLE LABELS** **CUSTOM SUPPORT** **IN-HOUSE LABORATORY**

BRADY

Label printing completely reimagined

Introducing high-performance, high-volume, high-mix printing completely reimagined. The **i7500 Industrial Label Printer** brings smart technology to 76mm core printing, delivering elevated levels of output with zero waste. Powered by LabelSense™ Technology, the i7500 is loaded with intuitive features that eliminate tedious tasks for unprecedented ease of use. So many ways to print. So versatile that any situation calls for it. So easy that anyone can do it. The printing possibilities are truly endless with the i7500.

Smart technology and automated features equipped for 76mm core printing:

- Always prints on the very first label
- Ribbons auto-centre with ink facing the right way
- One-click label setup using Brady Workstation
- Designed for high-volume, high-speed, high-mix labelling
- Easier, safer ribbon removal and intuitive loading
- The 17cm (7") touchscreen guides you through the printing process

► **Learn more at bradyeurope.com/i7500 or scan to watch the overview video.**

► **Discover the i7500 accessories on www.bradyeurope.com/i7500**

INNOVATIVE PRINTING PERFORMANCE
Smart functionality meets mechanical cleverness

OPTIMISED BRADY MATERIALS
For a faster, easier labelling experience

LABEL CREATION SOFTWARE
Everything to create the right label fast

Possibilities powered by LabelSense

Welcome to a printing experience you never thought was possible, powered by Brady's exclusive LabelSense Technology™. Our bi-directional communication system enables the printer, materials and Brady software to "talk" to each other to power many innovative, enhanced and automatic features you only get from Brady. Save time. Eliminate tasks. Reduce waste.

► **Product specifications on page 16**

AUTOMATED PRINT AND APPLY

DURABLE LABELS

CUSTOM SUPPORT

IN-HOUSE LABORATORY

Durable printed circuit board labels

Brady's **B-7797 polyimide printed circuit board label** is specifically designed for auto-apply applications. The specially designed APL (Auto Apply Label) range has a reduced liner width and works with a smaller ribbon for ultra-compatibility with auto-apply systems.

B-7797 can withstand temperatures up to 300°C and the powerful chemicals and cleaning processes used in PCB assembly, equipment and component manufacturing.

The B-7797 printed circuit board label offers

- outstanding auto-apply compatibility thanks to a reduced liner width
- great placement accuracy and high pick-up rate
- reduced risk of adhesive bleeding
- extreme washing/aggressive cleaning applications
- top or bottom label placement
- surface mount and through-hole assembly
- high heat (300°C) resistance
- great legibility, even after exposure to chemicals
- good performance in reflow, wave solder and board washing
- abrasion resistance
- printability on-site
- available as pre-printed labels on request

! Reduced liner width for ultra auto-apply compatibility (APL range)

► **Discover the full auto-apply label (APL) range on page 17**

Compatibility

A8500	ALF	i7100	i7500

P/N: Y793548
D/N: FUS0041Rev.G

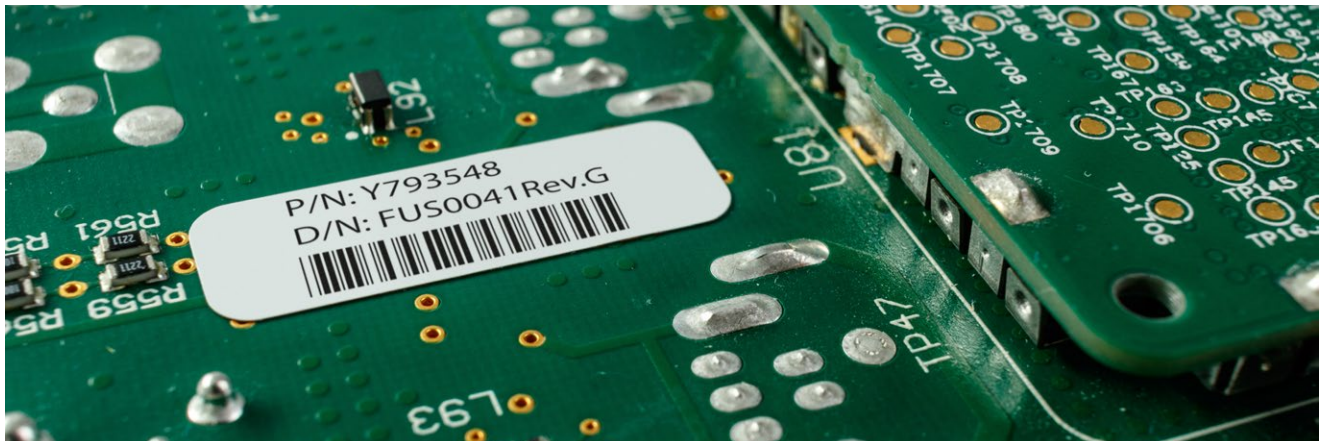## Zestron/Kyzen compatible

Brady's B-7797 printed circuit board label is compatible with cleaning agents from both Kyzen and Zestron. Our B-7797 label can resist the newest PCB cleaning agents.

AUTOMATED PRINT AND APPLY | **DURABLE LABELS** | **CUSTOM SUPPORT** | **IN-HOUSE LABORATORY**

BRADY

Durable printed circuit board labels

Laser engravable labels are designed to increase the legibility of part markings and barcodes lasered on printed circuit boards and complex surfaces. Thanks to increased contrast, barcodes lasered on the label are easier to scan, which leads to reduced waste in supply chains with stringent traceability requirements.

Laser engravable polyimide labels offer:

- high barcode and marking legibility
- durable, high contrast markings
- reduced waste versus direct part marking
- outstanding compatibility with auto-apply systems
- available in black on white and white on black

Why use labels?

Label identification offers a number of distinct advantages for printed circuit board manufacturers:

Printing Technology Comparison Guide

Attribute	THT Printing	Laser Marking	Direct Marking
Initial equipment costs	Low	High	Moderate
Recurring costs	Moderate	Moderate	Moderate
Marking permanence	Good	Excellent	Excellent
Print resolution	Good	Excellent	Good
Print speed	Excellent	Good	Poor
Contrast	Excellent	Excellent	Poor*
Bar code grades	Excellent	Excellent	Poor*
Automation	Good	Excellent	Excellent
Air handling	None	Required	Required
Easy to re-work	YES	NO	NO

*direct marking colour contrast defined by substrate and laser marking mechanism

Compatibility

LASER   ALF

The **B-7634 masking film for PCB's** offers excellent protection during electronic manufacturing processes, inluding wave soldering and hot air levelling. The polyimide masking film is ideal for auto-apply and can be removed cleanly.

The B-7634 masking film:

- acts as a protective film on PCB's, components and througholes
- can be used to protect or insulate in a range of high heat applications
- can be applied automatically with a pick & place machine and the ALF Label Feeder

Compatibility

ALF

AUTOMATED PRINT AND APPLY   **DURABLE LABELS**   **CUSTOM SUPPORT**   **IN-HOUSE LABORATORY**

Custom support

Service agreements

On top of an included 1 year warranty, Brady offers premium support service agreements that are fully customisable to your needs and can include premium support by phone and/or support at your premises.

Available service agreement options:

- preventive maintenance
- fast repairs
- replacement devices
- dedicated in-house contact center
- support in 12 languages
- local presence
- man hours included
- no unexpected costs

► **Learn more at www.brady.co.uk/general/brady-solution-center**

Scanners & portable data terminals

High quality scanners are available. With portable or integrated scanners, your traceability system can evolve beyond supply chain requirements and generate data that can be analysed to create business cases for production optimisation.

Available scanner services:

- scanner purchasing
- scanner configuration
- scanner integration

► **Learn more at www.bradyeurope.com/barcode-readers**

AUTOMATED PRINT AND APPLY

DURABLE LABELS

CUSTOM SUPPORT

IN-HOUSE LABORATORY

BRADY

Custom support

Integration

Brady offers label creation software with automation options, next to advice, support and full collaboration with third parties to help integrate our traceability solutions in your production line. The advantages of Smart Manufacturing including increased production control, centralised monitoring and continuous improvement data can be fully enabled by a complete integrated printed circuit board labelling system.

In-house laboratory

Brady's in-house laboratories rigourously test our solutions in line with standard testing methods. Our scientists test the performance of complete traceability label constructions including the liner, adhesives, label materials and label top coat to deliver solutions that solve your challenges. Our in-house lab can offer test results on request or test new traceability label requirements when relevant.

AUTOMATED PRINT AND APPLY

DURABLE LABELS

CUSTOM SUPPORT

IN-HOUSE LABORATORY

Product specifications

BradyPrinter A8500 Label Printer Applicator

Article No.	Description
306695	A8500 Print & Apply 600 dpi - for up to 50mm wide consumables to be combined with left applicator
306696	A8500 Print & Apply 300 dpi - for up to 101mm wide consumables to be combined with left applicator
306697	A8500 Print & Apply 600 dpi - for up to 50mm wide consumables to be combined with right applicator
306698	A8500 Print & Apply 300 dpi - for up to 101mm wide consumables to be combined with right applicator
306699	Left applicator - cylinder stroke 300 mm - horizontal precision guide in feed direction
306700	Right applicator - cylinder stroke 300 mm - horizontal precision guide in feed direction
306701	Left applicator - cylinder stroke 300 mm - horizontal rotary cylinder (angle of rotation 90 other 180°)
306702	Right applicator - cylinder stroke 300 mm - horizontal rotary cylinder (angle of rotation 90 other 180°)
306703	Left applicator - cylinder stroke 300 mm - adjustable horizontal precision guides in X and Y direction (up to Y = 13 mm, X = 5 mm)
306704	Right applicator - cylinder stroke 300 mm - adjustable horizontal precision guides in X and Y direction (up to Y = 13 mm, X = 5 mm)
306705	A8500 Cover 2L
306706	A8500 Cover 4L
306707	A8500 Cover 2R
306708	A8500 Cover 4R

Specifications	
Description	Print and apply system precision developed for applications such as PCB assembly and marking, component and product marking in high quality.
Applications	Higher volume applications such as PCB marking, component and product marking in high quality demanding industries like automotive, electronics and manufacturing.
Hours of Operation	24 hours/7 days
Recommended Usage per Day	7000
Software Compatibility	Brady Workstation CodeSoft Windows based driver for 3rd party software use
Colour Capability	Monocolour
Connectivity Options	
Stand-alone Printing (Detached from PC)	Stand-alone & Peripheral
Features	Applicators External display
Label sizes	Max. Label Width: 58.00 mm (A8500-62) or 114.00 mm (A8500-34) Min. Label Width: 4.00 mm (A8500-62) or 20.00 mm (A8500-34) Min. Label Height: 3.00 mm (A8500-62) or 4.00 mm (A8500-34) Max. Print Width: 57.00 mm (A8500-62) or 105.60 mm (A8500-34)
Print Speed (mm/sec)	300.00
Print Technology	Thermal Transfer
Print Resolution (dpi)	300 / 600

A8500 Applicators

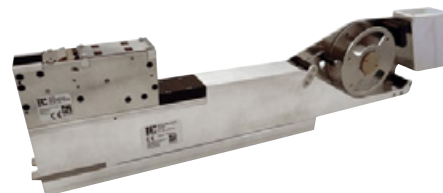| Article No.	Description
711040	Left applicator, cyl. stroke 200 mm with pressure reducer
711041	Left applicator, cyl. stroke 300 mm with pressure reducer
711042	Left applicator, cyl. stroke 200 mm, hor. rotary cylinder w. pressure reducer
711043	Left applicator, cyl. stroke 300 mm, hor. rotary cylinder w. pressure reducer
711046	Left applicator, cyl. stroke 200 mm adj. Hor. precision guides w press reducer
711047	Left applicator, cyl. stroke 300 mm adj. Hor. precision guides w press reducer
711048	Right appl., cyl. stroke 200 mm, hor. precision guide in feed dir. w press red
711049	Right appl., cyl. stroke 300 mm, hor. precision guide in feed dir. w press red
711050	Right applicator, cyl stroke 200 mm, hor rotary cyl. with pressure reducer
711051	Right applicator, cyl stroke 300 mm, hor rotary cyl. with pressure reducer
711055	Right appl, cyl stroke 200 mm, adj hor precision guides with pressure reducer
711056	Right appl, cyl stroke 300 mm, adj hor precision guides with pressure reducer

Accessories

Article No.	Description
133251	Printer Cleaning Kit, Thermal Transfer Printers

Product specifications

ALF-14 Label Feeder/ALF19-XS Label Feeder

Specifications	ALF14-25 Labelfeeder	ALF19-XS Labelfeeder
Weight (kg)	0.458	0.4
Dimensions	43.00 mm (W) x 54.00 mm (H) x 115.00 mm (D)	30.00 mm (W) x 47.00 mm (H) x 100.00 mm (D)
Height of pickup position (mm)	50	50
Approval/Compliance	CE WEEE RoHS	CE WEEE RoHS
Voltage	24 V	24 V
Power Consumption	max. 24 W	max. 40 W
Current Consumption	max. 1 A	max. 1.66 A
Power Supply	Main supply wall plug charger, Machine cable (Eurplacer, Fritsch, Juki, Siemens, Yamaha)	Main supply wall plug charger, Machine cable (Eurplacer, Fritsch, Juki, Siemens, Yamaha)
Compatible Pick & Place Systems	Siemens ASM Siplace Series, Europlacer, Fritsch, Fuji NXT, Heeb innotec, Hitachi, Juki Series 2000, MyData, Samsung SM Series, Yamaha, Assembléon (others pending)	Siemens ASM Siplace Series, Europlacer, Fritsch, Fuji NXT, Heeb innotec, Hitachi, Juki Series 2000, MyData, Samsung SM Series, Yamaha, Assembléon, Others pending
Signal Interface	- Label Feed Request - Label ready - Error	- Label Feed Request -Label ready - Error
Minimum Label Size (mm)	4 x 4	2 x 2
Maximum Label Size (mm)	23 x 23	18 x 18
Max. Liner Width (mm)	25.00	21
Label Conveying Speed	10-200 mm/s	10 - 200 mm/s

► ALF label feeder/SMT machine compatibility

Visit our website to determine the compatibility of your SMT machine with our ALF label feeders, we support all major manufacturers including Siplace, Fuji and Juki.

Please visit out website for more information:
www.brady.co.uk/shrink-sleeve-label-applicators/alf

Product specifications

BradyPrinter i7100 Industrial Label Printer

Printer	
Description	BradyPrinter i7100 Industrial Label Printer
Colour Capability	Monocolour
Print Speed (mm/sec)	300.00
Print Resolution (dpi)	300
Internal Memory Capacity	256 MB RAM, 50 MB IFFS Flash, SD card up to 512 GB
Width x Height x Depth (mm)	251.46 x 289.56 x 459.74
Stand-alone Printing (Detached from PC)	Stand-alone & Peripheral
Weight (kg)	10
Warranty	2 years

Media	
Continuous vs Die-cut Labels	Continuous Die-cut
Compatible Media	ZH-, TIL-, THT-, PSL-, PSHT-, PS-, LSZH-, HX-, 3PS-, TB-, XTHT-, BPTC-, BPT-, HSNX-, HCM-, BPTRDS-
Min. Label Width (mm)	4.00
Max. Label Width (mm)	109.98
Min. Label Height (mm)	4.00
Min. Liner Width (mm)	9.14
Max. Liner Width (mm)	114.05
Max. Print Width (mm)	105.66
Recommended Usage per Day	7000

Display	
Display	Colour LCD Screen
Display Resolution	480 x 272 pixels
On Screen Indicators	Digital Clock, USB Slave Status, Data Reception, Ribbon Remaining, WLAN Field Intensity, USB Memory Stick inserted, Ethernet Status, Bluetooth Status, SD Memory Card inserted, Data Recording, Supply Remaining

Software & connectivity	
Connectivity Options	Ethernet I/O connection (optional) Bluetooth (optional) Wi-Fi (optional) Serial USB
Software Compatibility	Brady Workstation Windows based driver for 3rd party software use

Compliance	
Approval/Compliance	CE FCC class A FCC class CB CCC UL

This i7100 printer comes in a cardboard box. It ships with a power cord, 2 empty ribbon cores, a USB cable, a product CD holding the driver, the user manual in languages, the configuration/settings manual in English and a printed user manual in English and a Brady Workstation Basic Suite, a Brady Workstation PWID Suite or a Brady Workstation LAB Suite.

Interfaces on the back of the device

SD Memory Card Slot

2 x USB Host Interface Ports

USB 2.0 High-Speed Device for PC Connection
Ethernet 10/100 BASE-T Port

I/O Interface Connection (standard on peel model, optional on non-peel model)
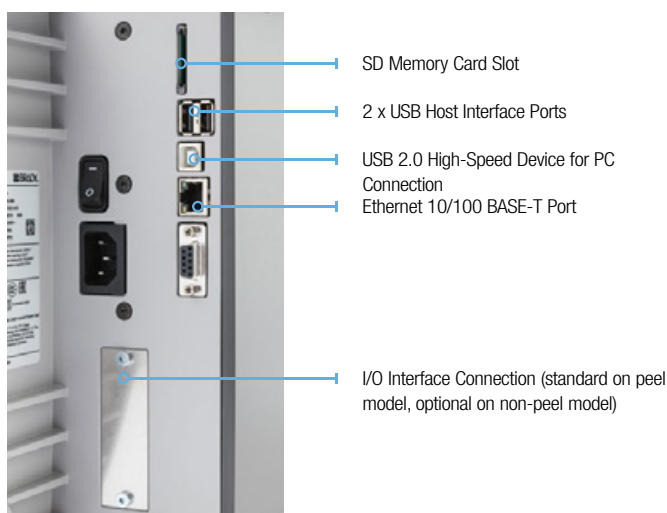
Product specifications

Printers

Article No.	Order Reference	Description
300 dpi		
149046	i7100-300-EU	BradyPrinter i7100 300 dpi - EU*
322870	i7100-300-EU-BWS	BradyPrinter i7100 300 dpi - EU + Brady Workstation Suite**
149049	i7100-300-P-EU	BradyPrinter i7100 300 dpi - EU with Peel function*
322876	i7100-300P-EU-BWS	BradyPrinter i7100 300 dpi - EU with Peel function and Brady Workstation Suite**
149067	i7100-300-UK	BradyPrinter i7100 300 dpi - UK*
322871	i7100-300-UK-BWS	BradyPrinter i7100 300 dpi - UK + Brady Workstation Suite**
149068	i7100-300-P-UK	BradyPrinter i7100 300 dpi - UK with Peel function*
322877	i7100-300P-UK-BWS	BradyPrinter i7100 300 dpi - UK with Peel function and Brady Workstation Suite**
197690	i7100-300-US	BradyPrinter i7100 300 dpi - US*
322872	i7100-300-US-BWS	BradyPrinter i7100 300 dpi - US + Brady Workstation Suite**
197689	i7100-300-P-US	BradyPrinter i7100 300 dpi - US with Peel function*
322878	i7100-300P-US-BWS	BradyPrinter i7100 300 dpi - US with Peel function and Brady Workstation Suite**

Article No.	Order Reference	Description
600 dpi		
149047	i7100-600-EU	BradyPrinter i7100 600 dpi - EU*
322873	i7100-600-EU-BWS	BradyPrinter i7100 600 dpi - EU + Brady Workstation Suite**
149052	i7100-600-P-EU	BradyPrinter i7100 600 dpi - EU with Peel function*
322880	i7100-600P-EU-BWS	BradyPrinter i7100 600 dpi - EU with Peel function and Brady Workstation Suite**
149066	i7100-600-UK	BradyPrinter i7100 600 dpi - UK*
322874	i7100-600-UK-BWS	BradyPrinter i7100 600 dpi - UK + Brady Workstation Suite**
149065	i7100-600-P-UK	BradyPrinter i7100 600 dpi - UK with Peel function*
322881	i7100-600P-UK-BWS	BradyPrinter i7100 600 dpi - UK with Peel function and Brady Workstation Suite**
197692	i7100-600-US	BradyPrinter i7100 600 dpi - US*
322875	i7100-600-US-BWS	BradyPrinter i7100 600 dpi - US + Brady Workstation Suite**
197691	i7100-600-P-US	BradyPrinter i7100 600 dpi - US with Peel function*
322882	i7100-600P-US-BWS	BradyPrinter i7100 600 dpi - US with Peel function and Brady Workstation Suite**

*Brady Workstation Basic Design: Ships with the free Brady Workstation Basic Design suite that includes fundamental apps and features to create labels.

**Brady Workstation Advanced Suite: Product & Wire Identification, Safety & Facility Identification, or Lab Identification, enabling easy creation of a wide range of labels and signs.

Accessories

Article No.	Order Ref.	Description
133251	PCK-6	Printer Cleaning Kit, Thermal Transfer Printers
149043	i7100-PR-120mm	120mm Platen Roller with synthetic rubber coating
149044	i7100-PRS-120mm	120mm Platen Roller with silicone rubber coating
149048	i7100-PR-30mm	30mm Platen Roller with synthetic rubber coating
149051	i7100-RAR-120mm	120mm Rewind Assist Roller with synthetic rubber coating
149054	i7100-PR-80mm	80mm Platen Roller with synthetic rubber coating
149055	i7100-PR-60mm	60mm Platen Roller with synthetic rubber coating
149069	I7100-CUTTER-TRAY	i7100 Rotary Cutter with Tray
149070	i7100-ANTI-S-BRUSH	Antistatic Brush
149071	i7100-IO-LABEL-BOX	Label Selection I/O Box
149072	i7100-PS1000MP	I7100 Present Sensor PS1000MP
149073	i7100-IO-CONNECTOR	I/O Interface Connector SUB-D 25pins
149074	i7100-RG400-PLATE	Rewind Guide Plate RG400
149075	i7100-PS900	Present Sensor PS900
149077	i7100-IO-INTERFACE	I/O Interface
149078	i7100-PERF-CUTTER	i7100 Rotary Perforation Cutter

Article No.	Order Ref.	Description
149080	BT-USB-ADAPT	Bluetooth USB Adapter
149131	WLAN-EXANT	USB Wlan Stick with External Antenna
149132	i7100-ADAPTER-100	i7100 Adapter for 100mm Core
149135	i7100-PPLTEXT-410	i7100 Extended Peel off plate DP410
149207	i7100-TEAR-OFF	i7100 Tear off Plate
149208	i7100-HEX-KEY-TOOL	i7100 Spare Hex Key Tool
151149	i7100-i5100-EXDISP	External display for i7100, i5100 & A8500
151150	EXDISP-USB-1.8M	USB cable for external display, 1,8m
151151	EXDISP-USB-3M	USB cable for external display, 3m
151152	EXDISP-USB-5M	USB cable for external display, 5m
151156	i7100-VLA	i7100 Vial Label Applicator
197823	SD-CARD-8GB	SD Memory card 8GB
302741	MC11 EUR	MC-11 Powered Label Rewinder for Europe
302744	LD100RS EUR	LD-100-RS Automatic Label Dispenser for Europe
302979	MC11 UK	MC-11 Powered Label Rewinder for United Kingdom
302980	LD100RS UK	LD-100-RS Automatic Label Dispenser for United Kingdom

Product specifications

i7500 Industrial Label Printer

Printers

Art. No.	Order Reference	Description
177739	i7500-300-EU	i7500 Industrial Label Printer 300dpi - EU
177741	i7500-300-C-EU	i7500 Industrial Label Printer 300dpi - EU with Auto cutter
323175	i7500-300-UK	i7500 Industrial Label Printer 300dpi - UK
323177	i7500-300-C-UK	i7500 Industrial Label Printer 300dpi - UK with Auto cutter
323176	i7500-300-US	i7500 Industrial Label Printer 300dpi - US
323178	i7500-300-C-US	i7500 Industrial Label Printer 300dpi - US with Auto cutter

BRADY WORKSTATION BASIC DESIGN

Ships with the free Brady Workstation Basic software that includes fundamental apps and features to create labels.

Printer kits

Art. No.	Order Reference	Description
323185	i7500-300-EU-BWS	i7500 Industrial Label Printer 300dpi - EU + Brady Workstation Suite
323188	i7500-300-C-EU-BWS	i7500 Industrial Label Printer 300dpi - EU with Auto cutter + Brady Workstation Suite
323186	i7500-300-UK-BWS	i7500 Industrial Label Printer 300dpi - UK + Brady Workstation Suite
323189	i7500-300-C-UK-BWS	i7500 Industrial Label Printer 300dpi - UK with Auto cutter + Brady Workstation Suite
323187	i7500-300-US-BWS	i7500 Industrial Label Printer 300dpi - US + Brady Workstation Suite
323190	i7500-300-C-US-BWS	i7500 Industrial Label Printer 300dpi - US with Auto cutter + Brady Workstation Suite

BRADY WORKSTATION ADVANCED SUITE

Ships with a license for the Brady Workstation suite of your preference: Product & Wire Identification, Safety & Facility Identification, or Lab Identification, enabling easy creation of a wide range of labels and signs.

The i7500 Printer 300dpi comes in a cardboard box. It ships with a Serrated tear bar (installed) or a heavy duty auto cutter (installed) with a cut label collection tray depending on the model type, a T-20 wrench (177738), a Power cord, a USB cable, a stylus, a Brady WorkStation Software and a QuickStart Guide.

Printer specifications	
Applications	Barcode labelling Wire and cable labelling Electrical labelling Data and telecommunications labelling Circuit board labelling Asset tracking General identification Laboratory labelling Solar Panel labelling Tamper Indicating Labels Warehouse marking Inventory and inspection labelling
Maximum Print Speed (mm/sec)	304.80
Software Compatibility	Brady Workstation Windows based driver for 3rd party software use
Recommended Usage per Day	7000
Colour Capability	Monocolour
Connectivity Options	USB, Ethernet, Wi-Fi, Bluetooth
Stand-alone Printing (Detached from PC)	Stand-alone & Peripheral, Mobile device connected
Internal Memory Capacity	512 MB RAM, 195 MB IFFS Flash
Print Resolution (dpi)	300
Language Support	Bulgarian, Croatian, Czech, Danish, Dutch, English (US), Estonian, Finnish, French (Canada), German, Hungarian, Norwegian (Bokmål), Polish, Portuguese, Romanian, Russian, Slovak, Spanish (universal), Turkish
Weight (kg)	18.14
Dimensions	292.10 mm (W) x 370.84 mm (H) x 530.86 mm (D)
Min. Label Height (mm)	3.18
Max. Label Width (mm)	108.97
Min. Label Width (mm)	4.01
Max. Liner Width (mm)	114.05
Min. Liner Width (mm)	9.09
Max. Print Width (mm)	105.66
Warranty	1 year

BRADY

Printed circuit board labels

Circuit board label

Blank labels

Diagram	Order Reference	Colour	Finish	Width A (mm)	Height B (mm)	Vertical Repeat D (mm)	Web Width E (mm)	Labels per Roll	Recommended Ribbon
B-7797: Polyimide									
▲	APL-07-7797-10	White	Gloss	19.05	6.35	10.16	22.23	10000	R6300
▲	APL-01-7797-10	White	Gloss	5.00	5.00	8.00	11.43	10000	R6300
▲	APL-02-7797-10	White	Gloss	6.35	6.35	10.16	11.43	10000	R6300
▲	APL-03-7797-10	White	Gloss	7.00	7.00	10.85	11.43	10000	R6300
▲	APL-05-7797-10	White	Gloss	9.53	9.53	12.07	12.70	5000	R6300
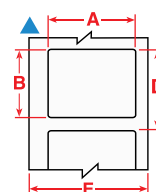
Print ribbon

Order Reference	Colour	Width (mm)	Length (m)
R6300HF-30X300/O	Black	30.00	300.00

Laser engravable labels B-730 range

Standard labels

Diagram	Order Reference	Colour	Finish	Width A (mm)	Height B (mm)	Vertical Repeat D (mm)	Web Width E (mm)	Labels per Roll
B-730: Laser-engravable Polyimide								
▲	LZR-212-730-10	Black	Matt	19.00	6.35	10.16	25.00	10000
▲	LZR-208-730-10	Black	Matt	5.08	5.08	7.98	25.00	10000
▲	LZR-209-730-10	Black	Matt	6.35	6.35	10.16	25.00	10000
▲	LZR-210-730-10	Black	Matt	9.53	9.53	12.70	25.00	5000
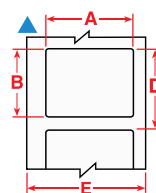
Auto-apply (APL) labels

Diagram	Order Reference	Colour	Finish	Width A (mm)	Height B (mm)	Vertical Repeat D (mm)	Web Width E (mm)	Labels per Roll
B-730: Laser-engravable Polyimide								
▲	APL-07-730-10	Black	Matt	19.05	6.35	10.16	22.23	10000
▲	APL-01-730-10	Black	Matt	5.00	5.00	8.00	11.43	10000
▲	APL-02-730-10	Black	Matt	6.35	6.35	10.16	11.43	10000
▲	APL-03-730-10	Black	Matt	7.00	7.00	10.85	11.43	10000
▲	APL-05-730-10	Black	Matt	9.53	9.53	12.07	12.70	5000

Printed circuit board label material range

| B#	Base material	Adhesive	Colour	Finish	Application	Solvent	Fuel/Oil	Abrasion	High Heat	Low Temp	Removable	electrostatic dissipative
B-767	Polyimide	Permanent	White	Gloss	Printed Circuit Board and Component process labelling, static dissipative adhesive	✓		✓	✓	✓		✓
B-768	Polyimide	Permanent	White	Gloss	Printed Circuit Board and Component process labelling, static dissipative adhesive	✓		✓	✓	✓		✓
B-719	Polyimide	Permanent	White	Matt	Printed Circuit Board and Component process labelling, static dissipative adhesive	✓		✓	✓	✓		✓
B-724	Polyimide	Permanent	Amber	Matt	Printed Circuit Board and Component process labelling	✓	✓	✓	✓	✓		
B-797	Polyimide	Permanent	White	Gloss	Printed Circuit Board and Component process labelling	✓		✓	✓	✓		
B-728	Polyimide	Permanent	White	Matt	Printed Circuit Board and Component process labelling	✓		✓	✓	✓		
B-730	Polyimide	Permanent	Black	Matt	Printed Circuit Board and Component process labelling, especially designed for laser engraving	✓		✓	✓	✓		
B-731	Polyimide	Permanent	Black	Matt	Printed Circuit Board and Component process labelling, especially designed for laser engraving, static dissipative adhesive	✓		✓	✓	✓		✓
B-734	Polyimide		White	Matt	Printed Circuit Board and Component process labelling, especially designed for laser engraving	✓		✓	✓	✓		
B-735	Polyimide		White	Matt	Printed Circuit Board and Component process labelling, especially designed for laser engraving, static dissipative adhesive	✓		✓	✓	✓		✓
B-777	Polyimide	Permanent	White	Gloss	Printed Circuit Board and Component process labelling, resists to aggressive cleaning processes, ideal for small font printing	✓		✓	✓	✓		
B-7797	Polyimide	Permanent	White	Gloss	Printed Circuit Board and Component process labelling, especially designed for auto-apply	✓		✓	✓	✓		

Auto-apply masking film
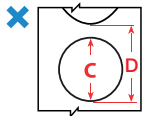
Diagram	Order Reference	Colour	Finish	Diameter C (mm)	Vertical Repeat D (mm)	Labels per Roll
B-7634: Polyimide						
✖	CMKC-0197-7634	Transparent	Gloss	5.00	8.13	5000
✖	CMKC-0236-7634	Transparent	Gloss	6.00	8.89	5000
✖	CMKC-0276-7634	Transparent	Gloss	7.00	10.16	5000
✖	CMKC-0315-7634	Transparent	Gloss	8.00	10.92	5000
✖	CMKC-0354-7634	Transparent	Gloss	9.00	12.19	5000
✖	CMKC-0394-7634	Transparent	Gloss	10.00	12.95	5000
✖	CMKC-0433-7634	Transparent	Gloss	11.00	13.97	5000

► ## Clean Liner Technology

Brady's traceability labels can be equipped with Clean Liner Technology (CLT), an innovative solution that prevents adhesive bleeding. CLT enables a smooth production cycle by eliminating downtime due to labels not being placed, or due to a fractured liner.

Electrostatic discharge

Brady's B-767, B-768, B-719 and B-731 printed circuit board labels do not contain high charging materials. The labels prevent the build-up of static electricity to protect PCB's from potentially damaging electrostatic discharge.

BRADY

Product information resources

PCB Automation Web Page

Visit Brady's dedicated web page for printed circuit board identification www.bradyeurope.com/pcb.

You will find links to the full offer of materials suitable for PCB labelling as well as a range of automated print & apply systems.

Design any label with Brady Workstation apps

Brady Workstation offers professional, intuitive apps to design quality product and cable labels and safety signs.

With Brady Workstation label design becomes easier, faster and quickly adaptable to new label norms thanks to centralised updates. For more information visit www.bradyeurope.com/workstation.

Find us on YouTube

On Brady's YouTube channel you can find a quick overview of our wide range of portable and benchtop printers and several how-to videos.
www.youtube.com/bradyeurope

Downloads

Find the latest product updates, manuals, tutorials, printer drivers, product demos and much more for your Brady products on www.bradyeurope.com/downloads.

Brady Technical Data Sheets

For indept information on any Brady material or print ribbon, visit www.bradyeurope.com/tds. To search, you enter keywords pertaining to your desired material or If you know the brady "B"-number for the material, simply enter the appropriate number.

| Enter B# (B-XXX) or keyword | → |

BRADY®

Belgium & Luxembourg
+32 (0) 52 45 78 11
benelux@bradycorp.com

Czech Republic
+420 776 302 229
czechrepublic@bradycorp.com

Denmark
+45 66 14 44 00
denmark@bradycorp.com

France
+33 (0) 3 20 76 94 48
france@bradycorp.com

Germany, Austria & Switzerland
+49 (0) 6103 7598 660
germany@bradycorp.com

Hungary
+36 23 500 275
hungary@bradycorp.com

Italy
+39 02 26 00 00 22
italy@bradycorp.com

Netherlands
+31 (0)70 323 62 98
benelux@bradycorp.com

Norway
+47 70 13 40 00
norway@bradycorp.com

Poland
+48 22 104 6262
poland@bradycorp.com

Qatar, Saudi Arabia & UAE
+971 4881 2524
me@bradycorp.com

Slovakia
+421 902 939 406
slovakia@bradycorp.com

South Africa
+27 11 704 3295
africa@bradycorp.com

Spain & Portugal
+34 900 902 993
spain@bradycorp.com
portugal@bradycorp.com

Sweden, Finland, Estonia, Latvia, Lithuania
+46 (0) 8 590 057 30
sweden@bradycorp.com

Turkey
+90 212 264 02 20
turkey@bradycorp.com

UK & Ireland
+44 (0) 1295 228 288
uk@bradycorp.com

Our mission is to identify and protect people, products and premises

To help minimise our impact on the environment, Brady limits its number of reprints.

Updated versions are always available for download on bradyeurope.com/downloads.

Search for: EUR-M-880-EN

Y4953965

10/12/2024

Your distributor