



**BradyPrinter i7100**  
INDUSTRIAL LABEL PRINTER

When Precision Meets High Demand



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## The complete BradyPrinter i7100 solution



BradyPrinter i7100 Industrial Printer



Printer Accessories



Compatible Labels, Tags & Ribbons



Software for Label Creation & Data Integration



Printer Technical Specifications



Global Technical Support

# Features and Advantages

**The BradyPrinter i7100 Industrial Label Printer offers durable and highly accurate label printing for business critical high volume identification challenges in Aerospace, Defence, Transport, 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.**

## Reliable & fast precision printing

The BradyPrinter i7100 offers highly accurate label printing for business critical high volume identification challenges.

### The printer features:

- 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

## Easy to use

The BradyPrinter i7100 has an intuitive colour touch screen interface with distinctive icons to easily access the printer's menus. The printer's foldable cover allows for a small system footprint and enables users to quickly change consumables to start a new job or continue printing.

## Flexible connectivity

To meet your unique workflow & data flow needs, the BradyPrinter i7100 connects any way you need it to be. It offers plenty of ports and an optional I/O connection that allows your printer to be triggered from the programmable controller, foot pedal, sensor or other basic device.

## Label materials include:

- Heat-shrinkable sleeves
- High heat printed circuit board labels
- Durable asset and component labels
- Thick cable tags

To further increase the printer's versatility and automation compatibility, add-ons and accessories are available including a variety of label cutting and connections.

\* i7100 is available in 300 dpi and 600 dpi



# BradyPrinter i7100 at a glance

**5** YEAR WARRANTY



**1. Bi-fold cover**

The two-part cover made of impact-proof plastics folds when opened. Reduces footprint on your line or in your workspace by 23% compared to solid cover. The panoramic window allows to check the consumption of material.

**2. Colour Touch screen control panel**

Make adjustments quickly & easy via the intuitive, self-explaining icon-based menu.

**3. Solid metal chassis**

Made of cast aluminum. All components are mounted on it.

**4. Peripheral Accessory Connection port**

Plug in cutter easily to this connector with a single screw.

**5. Ribbon holders**

The three-part tightening axles ensure secure ribbon core position and enable quick & easy ribbon exchange.

**6. Label roll holder**

The spring-mounted margin stop ensures constant tension during material feed, thus high accuracy of printing. For heavy rolls with core diameters of 76 or 100 mm an adapter is recommended.

**7. Centre aligned material path**

Centre alignment minimises ribbon wrinkling and is preferred for printing (very small) labels and continuous materials.

**8. Rocker arm with Integrated Media Guide knob**

Spring-loaded arm with ultra low-friction rollers dampens tension at start of print and improves print accuracy. Rotate knob to adjust media guides to width of media.

**9. Anti-static brush**

Dissipates electrostatics after printing. Installs with a single screw using hex key tool on-board the printer.

**10. High Performance print heads**

The print heads are automatically detected and calibrated by the CPU and key data is stored right in the print head, incl. running performance, max. operating temp and heating energy.

**11. Field-changeable Platen rollers**

Easily remove and replace platen rollers with on-board hex key tool.

**12. Side Panel USB port**

For installing service key or memory stick.

# New Key Features

## Change Print Settings with Ease

Make changes quickly and easily on the BradyPrinter i7100 with the intuitive touch-screen control panel. Colourful icons, buttons and sliders mean you can navigate between screens, make printer setting changes and understand the printer status with ease.



## High-Performance Technology for High-Performance Printing

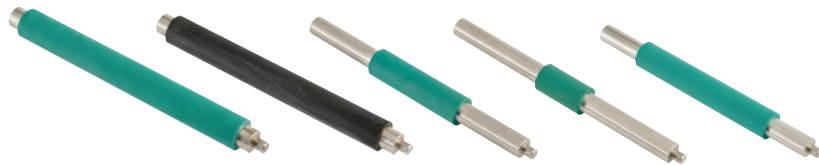
The high-performance, thin film precision print head in the i7100 is optimised for printing everything from very small labels with very small text – as small as 3.17mm labels – to large labels with large text. This technology enables the i7100 to print labels for tough applications, including rating plates, high-temperature polyimide materials, thick push button labels and other specialty materials. Additionally, the print heads are automatically detected and calibrated by the central processing unit with key data stored right in the print head.



# New Key Features

## Reduce Print Head Wear with Variable Roller Widths

To keep your printer running smoothly and to avoid unnecessary costs, the BradyPrinter i7100 has rollers available in a variety of widths that can be quickly changed out and replaced to improve print head life. These rollers are designed to be used with materials that are similar widths to help reduce wear on the print head.



## Connect Any Way You Need To

To meet your unique workflow and data flow needs, the i7100 connects any way you need it to. This printer offers a variety of ports and an optional I/O connection that allows your printer to be triggered from a programmable controller, foot pedal or other basic device.

### Connection options include:

1. SD Memory Card slot
2. 2x USB host interface ports (for scanner, keyboard, memory stick, WLAN stick or USB Bluetooth Adaptor)
3. 2x USB host (at side of front control panel) for memory stick or service key
4. USB 2.0 High-Speed device port for PC connection
5. Ethernet 10/100 BASE-T port
6. RS232C Interface 1.200-230.400 Baud/8
7. Optional I/O Interface Connection
8. 1x 9 pin periphery connection port (under front grey cover) for connecting cutters



See specifications on **page 13** for connectivity/port detail.

# Applications

## General & Industrial ID

**Asset & Component Marking** to be used on all kind of surfaces (smooth, rough, textured, low energy).



Rating & name plate labels



Pre-printed labels

## Electrical, Voice/Datacom ID

**Wire & Cable Marking** for twisted pair data cables (UTP, FTP...), fibre optic cables, conductors, computer wires, electrical installation wires & cables, power & ground cables, energy cables.



Flags



Tags



Self-lams



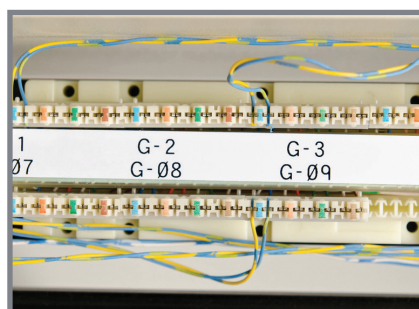
Sleeves



Wrap-around labels



Punch Block & Patch Panel Labels



Terminal Block labels



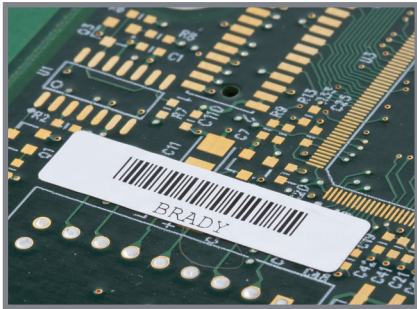
Raised Panels

# Applications

## Electronics ID

Circuit Board Marking for printed circuit board identification (also static dissipative), PCB SMT - Top/Bottom.

**Component Marking** for relays, solenoids, through hole - bottom, through hole - top.



Electronic component labels



High resistant labels



Security ID labels

## Laboratory Identification & Sample Tracking

Brady's laboratory identification products are designed to serve the world's biotechnology, agricultural, environmental and forensic researchers. Whether you work in pathology, histology, chromatography or other areas of science, Brady labelling solutions can help you maintain Good Laboratory Practice.



Conical & Large Tube Labels



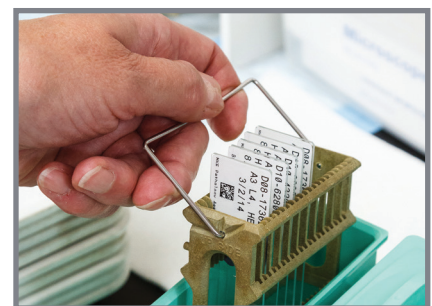
Well Plate Labels



Cryo Labels



Tissue Cassette Labels



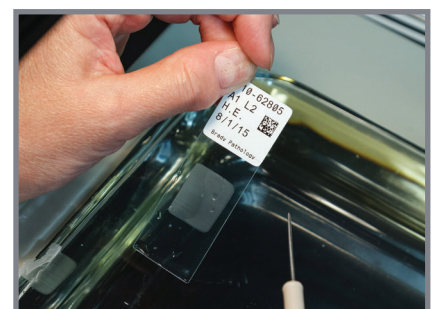
Slide Labels



General Lab Equipment Labels



Removable Labels for Glassware



Labels for Humidity, Moisture, Water Bath and Autoclave



# Printers & Ribbons

## Printers

Part No.	Catalogue No.	Description
149046	i7100-300-EU	i7100 PRINTER 300DPI - AU
149047	i7100-600-EU	i7100 PRINTER 600DPI - AU

\* Printer ships with power cord, 2 empty ribbon cores, a USB cable, a product CD holding the driver, a user manual in multiple languages, the configuration/settings manual in English, and a printed user manual in English.

**i** Always use a ribbon that is slightly wider than the media and roller width to prevent media and roller from touching the bare print head surface.



## Ribbons

All Brady ribbons are developed to meet the performance requirements of the materials to be printed. The reason for this is that the bond between the ribbon and the label is critical to the success of the legend permanence.

Printer Ribbon Series	Formulation	Colour	Notes / Details
R4300	Wax/Resin	Black	Strong environmental resistance against smearing and chemicals. Also, reliable, sharp-edge print quality to maximise bar code readability.
R4400	Resin	Blue	High density ribbon, excellent solvent resistance, high heat resistance, and super scratch resistance.
R4500	Wax/Resin	Blue, Red, Silver	Strong environmental resistance against smearing and chemicals. Also, reliable, sharp-edge print quality to maximise bar code readability.
R4900	Resin	Black	This ribbon has superb smear resistance at high temperatures and superior solvent resistance.
R6000HF	Resin	Black	High density halogen free ribbon, excellent solvent resistance, high heat resistance, and super scratch resistance.
R6100	Wax/Resin	Black	Outstanding durability for a general purpose ribbon. Reduced printhead energy requirements.
R6400	Resin	Black	Ultra high chemical resistance at high temperatures. Superior solvent resistance.
R6600	Resin	Black	Diesel resistant ribbon for thermal printing on Brady PermaSleeve™ and Heatex™ Sleeves. This ribbon has excellent chemical and abrasion resistance.
R6700	Wax/Resin	White	The White 6700 Series Thermal Transfer Ribbon offers high performance against scratching, smudging, and harsh chemicals. The ribbon can be used for printing on Brady's Black PermaSleeve™ materials.
R6800	Resin	White	Strong environmental resistance against smearing and chemicals. Also, reliable, sharp-edge print quality to maximise bar code readability.
R7940	Wax	Black	General purpose, standard performance wax ribbon for paper and temporary labelling.
R7950	Wax/Resin	Black, Blue, Green, Red	Strong environmental resistance against smearing and chemicals. Also, reliable, sharp-edge print quality to maximise bar code readability.
R7960	Resin	Black	R7960, when printed on the appropriate Brady label, gives good solvent resistance, lower for alcohol, high print quality and excellent smear resistance.



# Media Offering

## The right label material for the job

With 100+ label materials, 3,000+ stock label parts, 40+ specialty ribbons and made-to-spec custom materials, the BradyPrinter i7100 can print nearly any label material you can imagine, from basic label materials to aerospace grade specialty materials.

**Proven Quality** - Backed by over 100 years of identification experience, nothing leaves our doors without meeting Brady's quality standards. That means our label materials are reliable and durable because they're designed in our own facilities and put through rigorous R&D tests and trials.

**Industry Compliant** - We operate under a compliant Environmental Management System that meets ISO 14001:2004 requirements managing environmental risks from the design, manufacture and distribution of our products, and a Quality Management System meeting ISO 9001:2008 requirements for the design, manufacture and distribution of our products, materials and their repairs.

Material		Material	
B-109	Polyethylene	B-492	Freezerbondz™ Polyester
B-342	Heat-shrink Polyolefin Sleeve	B-498	Vinyl Cloth
B-345	High Temperature Heat-shrink Polyvinylidene Fluoride Sleeve	B-499	Nylon Cloth
B-350	Water-indicating Polyester/Paper Laminate	B-508	Nomex® Tag
B-362	Tamper-resistant Metallised Vinyl	B-533	Polyester
B-408	Repositionable Paper	B-717	Polyimide
B-412	Polypropylene	B-718	Polyimide
B-413	Metallised, Non-metal Polyester	B-719	Polyimide
B-422	Polyester	B-724	Polyimide
B-423	Polyester	B-727	Polyimide
B-423/B-966	Polyester with Polyester Overlaminated	B-728	Polyimide
B-424	Paper	B-729	Polyimide
B-425	Polypropylene	B-7351	Tamper-resistant Vinyl
B-427	Self-laminating Vinyl	B-7423	Polyester
B-428	Polyester	B-7546	Tamper-evident Polyester
B-428/B-966	Metallised Polyester with Polyester Overlaminated	B-7563	Metallised Polyester
B-430	Polyester	B-7566	Tamper-evident Polyester
B-432	Polyester	B-7576	Tamper-evident Metallised Polyester
B-434	Metallised Polyester	B-7593	Polyester
B-434/B-7564	Metallised Polyester with Polyester Overlaminated	B-7594	Polypropylene
B-435	Metallised Polyester	B-7596	Polyethylene Tag
B-436	Polyimide	B-7598	Polyester Tag
B-437	Polyvinylfluoride	B-7599	Polyethylene
B-438	Tamper-evident Metallised Polyester	B-7604	Direct Thermal Paper
B-449	Polypropylene	B-7606	Paper
B-459	Polyester	B-7610	Paper
B-461	Polyester	B-7641	Heat-shrink Polyolefin Sleeve
B-472	Polyimide	B-7642	Heat-shrink Polyolefin Sleeve
B-473	Polyester	B-7643	Thermoplastic Polyether Polyurethane
B-480	Metallised, Non-metal Polyester	B-7644	Polypropylene Tag with Polyester Overlaminated
B-481	StainerBondz™ Polyester	B-7645	Polypropylene Tag with Polyester Overlaminated
B-482	Polyester	B-7646	Diesel-resistant Heat-shrink Polyolefin Sleeve
B-483	Polyester	B-7696	Vinyl
B-483/B-7552	Polyester with Polyester Overlaminated	B-7727	Polyimide
B-484	Polyester	B-776	Polyimide
B-486	Polyester	B-8117	Polyester
B-488	Polyester	B-8423	Polyester
B-489	Polyester	B-8591	Polymer
B-490	Freezerbondz™ Polyester		

## The Brady R&D Difference

Brady has R&D centers and manufacturing capabilities across the globe to develop, validate and produce in-house labels with the complex construction and high-quality print to be your customised total labelling solution.

# Accessories

## Field changeable Platen Rollers

Easily remove and replace platen rollers with the on-board hex key tool (near the print head lever).

- Choose green synthetic rubber coating for greatest print accuracy and narrow width options that reduce print head wear if using narrow media.
- Choose black silicone rubber coating for less print head wear, but basic labelling materials only.

Always use a ribbon that is slightly wider than the media width to prevent media from touching the bare print head surface. Clean rollers often using IPA cleaning swabs (PCK-6). Replace rollers that show signs of abrasion or wear.



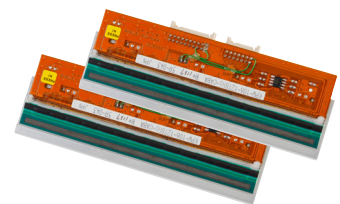
Catalogue No.	Part No.	Colour	Description
i7100-PR-25mm	149048	Green	25mm Platen Roller with synthetic rubber coating
i7100-PR-50mm	149055	Green	50mm Platen Roller with synthetic rubber coating
i7100-PR-80mm	149054	Green	80mm Platen Roller with synthetic rubber coating
i7100-PRS-120mm	149044	Black	120mm Platen Roller with silicone rubber coating
i7100-PR-120mm	149043*	Green	120mm Platen Roller with synthetic rubber coating

\*Default platen roller delivered with the printer.



## High Performance Print Heads

The BradyPrinter i7100 features a high-performance, precision print head with glazing optimised for printing small graphics and fonts on rating plates, high-temperature polyimide materials and other high-performance, specialty materials. The print heads are automatically detected and calibrated by the CPU, and key data is stored right in the print head, including running performance, max. operating temperature and heating energy. The data can be read out on site.



## Cutting

Two cutters are available to perform complete cut-through of material, or perf-cut of material for later separation by hand, or both types of cut. Cutters install easily to the front of the printer, using the hex key tool to remove the front grey lower housing cover and then screwing the accessory onto the printer. Specialty materials vary in thickness and construction - always test your material to understand cut performance to your requirements.

### Perforation cutter PCU400

Perforation cut or complete cut-through of continuous materials such as pressed tubes for manual separation later. Test for suitability to your application.

### Auto Cutter CU400 with tray

Complete cut-through for paper labels, self-adhesive labels, some tag stocks and pressed sleeves. Test for suitability to your application. Tray holds approximately 50 labels of average thickness and max label height of 100mm.

Catalogue No.	Part No.	Description
i7100-CUTTER+TRAY	149069	Cutter CU400 with Tray
i7100-PERF-CUTTER	149078	Perforation Cutter PCU400



# Accessories

## Interfacing & connectivity

To meet your unique workflow and data flow needs, the BradyPrinter i7100 connects any way you need it to. It offers plenty of ports and an optional I/O connection to integrate with your system and setup.

### I/O Interface

Allows printer to be controlled by remote device such as a sensor, foot pedal or PLC. Use in conjunction with I/O Interface Connector. Installable into back of printer via Brady Technical Support service.

### Label selection - I/O box

From a master controller (such as a PLC) up to 32 different labels can be selected from the memory card. The I/O box allows printer to detect simple PLC control processes with 4 in- and outputs via abc programming. Printer must have I/O interface and I/O connector installed.

### I/O Interface connector, SUB-D 25 pin

A 25-pin connector with screw clamps that transfers all control signals to the I/O interface. Use in conjunction with I/O interface. Installable to the I/O interface via Brady Technical Support service.

### USB WLAN stick

For installation in rear USB ports on printer.  
802.11b/g/n 2.4 GHz + 802.11a/n/ac 5 GHz

Catalogue No.	Part No.	Description
i7100-IO-LABEL-BOX	149071	Label Selection I/O Box
i7100-IO-CONNECTOR	149073	I/O Interface Connector SUB-D 25pins
i7100-IO-INTERFACE	149077	I/O Interface
i7100-BT-USB-ADAPT	149080	Bluetooth USB Adapter
i7100-WLAN-EXANT	149131	i7100 USB Wlan Stick with External Antenna

## Cleaning & Maintenance Tools

Clean print heads and rollers often to minimise wear on the print head, and maximise both print sharpness and print head life. IPA printer cleaning swabs remove dust and adhesive build-up from sensors and other surfaces in the printer. A hex key tool is used to exchange rollers, install cutters, sensors and plates, and to adjust other printer components (1 key ships standard with printer).

### IPA Printer Cleaning Swabs

Lint-free synthetic cleaning swabs for cleaning printer rollers, guides and print heads. Pkg of 50 individually wrapped swabs.

### Hex Key Tool

Used to change rollers and install accessories (1 key ships standard with printer)

Catalogue No.	Part No.	Description
PCK-6	33969	Printer Cleaning Kit - Thermal Transfer Printers
i7100-HEX-KEY-TOOL	149208	i7100 Spare Hex Key Tool

## Other accessories

### Antistatic Brush

Particularly in case of plastic materials electrostatics is discharged after printing.

Catalogue No.	Part No.	Description
i7100-ANTI-S-BRUSH	149070	Antistatic Brush

### Roll Adapter 100

Use with label rolls with 100 mm core diameter and/or rolls with outside diameters over 180mm.

Catalogue No.	Part No.	Description
i7100-ADAPTER-100	149132	i7100 Adapter for 100mm Core



i

### More About the I/O Interface Connection

An I/O interface is used to allow a basic device, PLC, sensor, hand switch or foot pedal to trigger the printing. Compliant with IEC/EN 61131-2, type 1+3. All in and out-puts have galvanic isolation and everse polarity protection, and outputs have short circuit protection.

### Inputs PNP

- Start printing and applying
- Print first label
- Reprint
- Delete print job
- Label dispensed
- Interrupt labelling
- Pause
- Reset

### Outputs PNP, NPN on request

- Printer/applicator ready
- Print job available
- Applicator in basic position
- Paper feed ON
- Label in dispensing position
- Applicator in applying position
- Pre-warning end of ribbon
- Common error

# Software

## Brady Workstation Label Creation Software

Brady Workstation revolutionises label and sign creation and printing by offering a variety of suites and apps that are simple and efficient to use. This software enables you to choose and customise which tools you use to complete tasks.



### Recommended Suites for i7100 users:



**Product ID Suite** - Includes 10 apps for all your product, rating plate and circuit board labelling needs including custom label design, sequencing, templates, bar coding, read/write access control and data importation.



**Wire ID Suite** - Includes 12 apps for all your wire and cable labelling formats, flip-flop text, sequencing, multi-copy printing, templates, read/write access control and data importation.

### Download Brady Workstation program for free:



1. Download Brady Workstation at [Workstation.BradyID.com](http://Workstation.BradyID.com)



2. Fill the workstation with the apps you want and leave out the ones you don't.

## LabelMark™ 6 Label Creation Software

Brady's LabelMark Software is a robust CD-based software solution for label design, data importation and printing labels for a variety of applications. Print Partner companion software from Brady allows you to create and manage print-only files across multiple print stations and sites, and our Data Automation companion software allows you to integrate automated printing within your workplace and third-party systems.



## CodeSoft® Labelling Software

Codesoft barcode software enables you to design and print custom labels for product identification and tracking. This powerful enterprise-level solution is designed for easy label design plus more extensive capabilities for integration with third-party software applications.

**CodeSoft® is a registered trademark of Teklynx.**



# Printer Specifications

Model(s):	
Model Name	i7100 Industrial Printer
Media Alignment	Center justified

User Interface:	
Display Type	Touchscreen colour LCD
Display Size (diagonal)	109mm
Display Resolution (H x W)	480 x 272 pixels

Display Languages	Arabic (Egypt), Bulgarian, Chinese (simplified), Croatian, Czech, Danish, Dutch, English, Finnish, French, German, Greek, Hungarian, Italian, Korean, Lithuanian, Macedonian, Norwegian, Persian (Farsi), Polish, Portuguese, Romanian, Russian, Serbian, Slovenian, Spanish (Castilian), Spanish (Mexico Latin Amer), Swedish, Thai, Turkish
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Display Status Bar	Receiving data, record data stream, ribbon warning, SD card presence, USB stick presence, bluetooth, WLAN, ethernet, USB slave, time
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Print Head / Printing Characteristics:	
Print Resolution	300 dpi 600 dpi
Print Method	Thermal transfer (300 or 600 dpi) Direct thermal (300 dpi - material & printhead dependent)
Print Speed	300mm sec max (300 dpi) 150mm sec max (600 dpi)
Print Width (max, cross-web)	106mm
Print Length (max, down-web)	168mm

Media Characteristics:	
Media Width (cross-web incl liner)	3.99mm to 85mm (continuous sleeves) 9.14mm to 114mm (other materials)
Label Width (cross-web)	4.01mm to 110mm
Label Length (down-web)**	3.17mm minimum (w/no backfeed) 4.01mm minimum (w/backfeed)
Media Thickness	0.06mm to 0.74mm (label materials) 1.78mm max (B-593 push button material) 1.09mm max (heat shrink sleeves)
Media Roll o.d. (max)	205mm
Media Roll Core i.d.	38.1mm to 100mm
Media Roll Winding	Outside or inside

Media Styles	Die cut media, continuous media, open core roll-fed media, fanfolded media (external feed), tagstock liner-mounted, tagstock linerless, perforated materials, adhesive labels, heat-shrink sleeves (single sided and double sided with re-insert), continuous tubing (partially flattened), self-laminating cable labels, zip-tie cable tags
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Media Material Types****	PE (polyethylene), PET (polyester), PET Metallized, PU (polyurethane), PVC (vinyl), PVF (polyvinyl fluoride), PVDF (polyvinylidene fluoride), PP (polypropylene), PI (polyimide), Polyamide, Tedlar®, Nomex®, Polyether Polyurethane (Heatex™), Raised Panel Push Button material, Paper, Destructible materials, Tamper-evident and Tamper-resistant materials, other materials not listed
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Media Parts Offering	3400+ stock parts and custom (made-to-spec) parts
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Ribbon Characteristics:	
Ribbon Length (max)	304.8m
Ribbon Roll o.d. (max)	68.07mm
Ribbon Roll Core i.d.	25.4mm
Ribbon Width (cross-web)***	25.4mm to 114.3mm
Ink Side	Inside or outside wound

Electronics:	
Processor	32 bit 800 MHz clock rate
Memory (RAM)	256 MB
Data Storage (IFFS)	50 MB
SD Card Slot (SDHC, SDXC)	512 GB max
Internal Battery	For internal date & time (RTC)
Data Storage When Power Off	Yes

Physical / Operational Characteristics:	
Dimensions (closed) (HxWxD)	290mm x 251mm x 460mm
Weight (empty)	10kg
Power Supply	100 - 240 VAC, 50/60 Hz, PFC
Power Consumption	<10W standby / 150W typical / 300W max
Operating Environment	0 - 40°C / 10 - 85% RH non condensing
Storage Environment	0 - 60°C / 20 - 85% RH non condensing
Transport Environment	-25 - 60°C / 20 - 85% RH non condensing

Agency Approvals	CE, FCC class A, cUL. Contact Brady for up-to-date list of environmental compliance information and agency approvals and/or marks covering over 75 countries (awarded or applied for)
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Fonts & Graphics:	
Font Types (resident)	5 bitmap fonts - including OCR-A, OCR-B 3 vector fonts - Swiss 721, Swiss bold 721, Monospace 821

Font Types (storable to printer)	TrueType fonts storable to printer via jump drive
Font Attributes	Bold, italic, underlined, outline, negative depending on font
Font Scaling (bitmap)	Width & height range: 0.99mm to 3.05mm Zoom factor: settings 2 to 10 Rotation: 0°, 90°, 180°, 270°

Font Scaling (vector & truetype)	Width & height range: 8.89mm to 128mm Zoom factor: Variable (dot-by-dot) Rotation: 360° in steps of 1°
Character Sets	Windows 1250 up to 1257, DOS 437,737,755,850,852,857,862,864,866,869, EBC DIC 500, ISO 8859-1 to-10 and -13 to -16, Win OEM 720, UTF8, Macintosh, Roman, DEC MCS, KOI8-R, All West and East European characters and Latin, Cyrillic, Greek, Hebrew, Arabic, simplified Chinese, and Thai characters are supported

Graphic Elements	Arrows, lines, rectangles, circles, ellipses; filled and filled with fading
Graphic Formats	PCX, IMG, BMP, TIF, MAC, PNG

Barcodes:	
Barcode Symbologies - Linear	Code 39, Code 39 Full ASCII, Code 93, Code 128 A, B, C, Codabar, Deutsche Post (indent- and routing), EAN 8, 13, EAN/UCC 128/GSI-128, EAN/UPC Appdx 2 and Appdx 5, FIM, HIBC, Interleaved 2/5, JAN 8, 13, MSI, Plessey, Postnet, RSS 14, UPC A, E, EO

Barcode Symbologies - 2D	Aztec, DataMatrix, QR Code, PDF 417, UPS MaxiCode, GSI Databar, Codablock F, Micro PDF 17, RSS 14 (truncated, limited, stacked, stacked omnidir), EAN/GSI DataMatrix
Barcode Attributes	Sizing: variable in height, modular width and ratio Rotation: 0°, 90°, 180°, 270°

Interfaces & Connection:	
USB 2.0 Hi-Speed Device Port	For PC connect
1 x USB Host (front screen L)	For service key or memory stick
1 x USB Host (front screen R)	For USB WLAN stick w/no antenna
2 x USB Host (back panel)	For scanner, keyboard, USB memory stick, USB bluetooth adapter, USB WLAN stick w/antenna
1 x RS232-C	For serial cable connection. 1,200 - 230,400 baud/8 bit
1 x Ethernet 10/100 BASE-T	For networking, remote access, and firmware updates
1 x SD Slot	For memory card (SDHC, SDXC)
1 x USB Host 24 DC 9pin (front lower panel)	For peripheral accessory connection only, auto cutter, present sensor, etc
1 x Digital I/O - (back panel - optional)	Optional. For connecting basic trigger device such as foot pedal. 8 inputs & 8 outputs. - Compliant with IEC/EN 6131-2, type 1+3 - Inputs & outputs: galvanically isolated, rev polarity protected, short circuit protected - Outputs: short circuit protected

Software & Firmware:	
Label Creation Software	Brady Workstation (free download) & Workstation apps, Brady LabelMark Software (v6.5.0.9 or higher)
WHQL Certified Windows® Drivers****	Windows 7, 8, 8.1, 10, Server 2008, 2008 R2, 2012, 2012 R2, 2016
Printer Command Language	Jscript - scripting commands for sending scripts to the printer
Printer Compiler Language	abc basic - for placing embedded logic programming & prompts onto the printer
Printer Administration / Monitoring	Web-based remote access - allows printer control, configuration, firmware updates, memory card admin and time/date synchronisation, and will send printer status, and error messages to users
Open Source Software	Go to <a href="http://www.BradyID.com/i7100compliance">www.BradyID.com/i7100compliance</a> for a list of open source software files used in this product

Options / Accessories:	
Replacement Print Heads	Factory installed via Brady tech repair
Replacement Print Rollers***	Variable widths to protect print head with narrow supplies - field installable
Auto Cutter	Full auto cutter and perf auto cutter available Field-installable to front panel
I/O Interface	Optional. Installed by Brady Tech Support.

\*\* User should test to the application. Small label print performance is affected by multiple factors including print speed, quantity of print run, burn setting and the size/layout of the printed elements.

\*\*\* To avoid damage to printhead, always be sure ribbon width at least covers the total media with, and, use a roller width such that the roller is wider than the total media with but narrower than the ribbons width. The end result is that no exposed print head rubs against exposed roller.

\*\*\*\* Windows® is a registered trademark of Microsoft Corporation, Nomex® and Tedlar® are registered trademarks of Dupont.

# Brady Corporation

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



## Company Overview

BRADY was founded in 1914 in Eau Claire, Wisconsin, as W.H. BRADY Co., and renamed BRADY Corporation in 1998. The company began selling products internationally in 1947. In 1984, BRADY went public, with stock trading on the Nasdaq Stock Market, and in 1999, moved trading of its stock to the New York Stock Exchange, where it trades under the symbol BRC. The company's global headquarters is in Milwaukee, Wisconsin.

### Brady Manufactures and Markets:

- Products for identification and safety applications such as signs and markers, printing systems and software to produce identification products on-site and on demand
- Products for wire identification, including labelling materials and tools for wire and cable marking in the electrical, datacom and telecommunication markets
- High-performance identification products, including labels and signs that remain legible and highly adhesive even in harsh environments
- Products that identify people and enhance security by ensuring the right persons are in the right places at the right time

### Operations - Some Facts:

- **6500 employees** around the world
- Operations in **29 countries**
- Distribution in more than **100 countries** through more than **4,400 distributor partners**

## Technical Support

Feel confident that your BradyPrinter i7100 is covered by Brady's 5 year bench top printer warranty. You'll benefit from our staff of support and repair technicians for troubleshooting support, set-up assistance and how-to-guidance on repairs services, so you can get back to work. .

 1800 620 816

 1800 805 076

 [www.bradyid.com.au](http://www.bradyid.com.au)



**BRADY AUSTRALIA**

Customer Service: 1800 620 816

Technical Support: 1800 644 834

[BradyID.com.au/i7100](http://BradyID.com.au/i7100)