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The perfect mix of performance and smarts

BradyPrinter i5100 Industrial Label Printer

The perfect mix of performance and smarts

When you're looking for a printer with the fundamental printing capabilities for the work you need to get done every day, look no further than the BradyPrinter i5100 Industrial Label Printer. You'll get the perfect combination of high-volume performance and smart printing technology to make high-mix printing easier throughout your facility.

It's easy to see how the i5100 printer makes industrial printing easier with:

Simple setting changes: The intuitive touchscreen allows you to quickly and easily change settings on your printer.

Full-performance printing: This printer provides all the essential features you need for high-performance printing.

Intelligent Print (IP) technology: Take the guesswork out of material changeovers and set up with materials and software that communicate with the printer so you can get back to work faster.

Smart loading design: Changing out materials is fast and easy with the specially designed ribbon spindles, and auto-centering roll holders that lock into place without any clumsy extra steps.
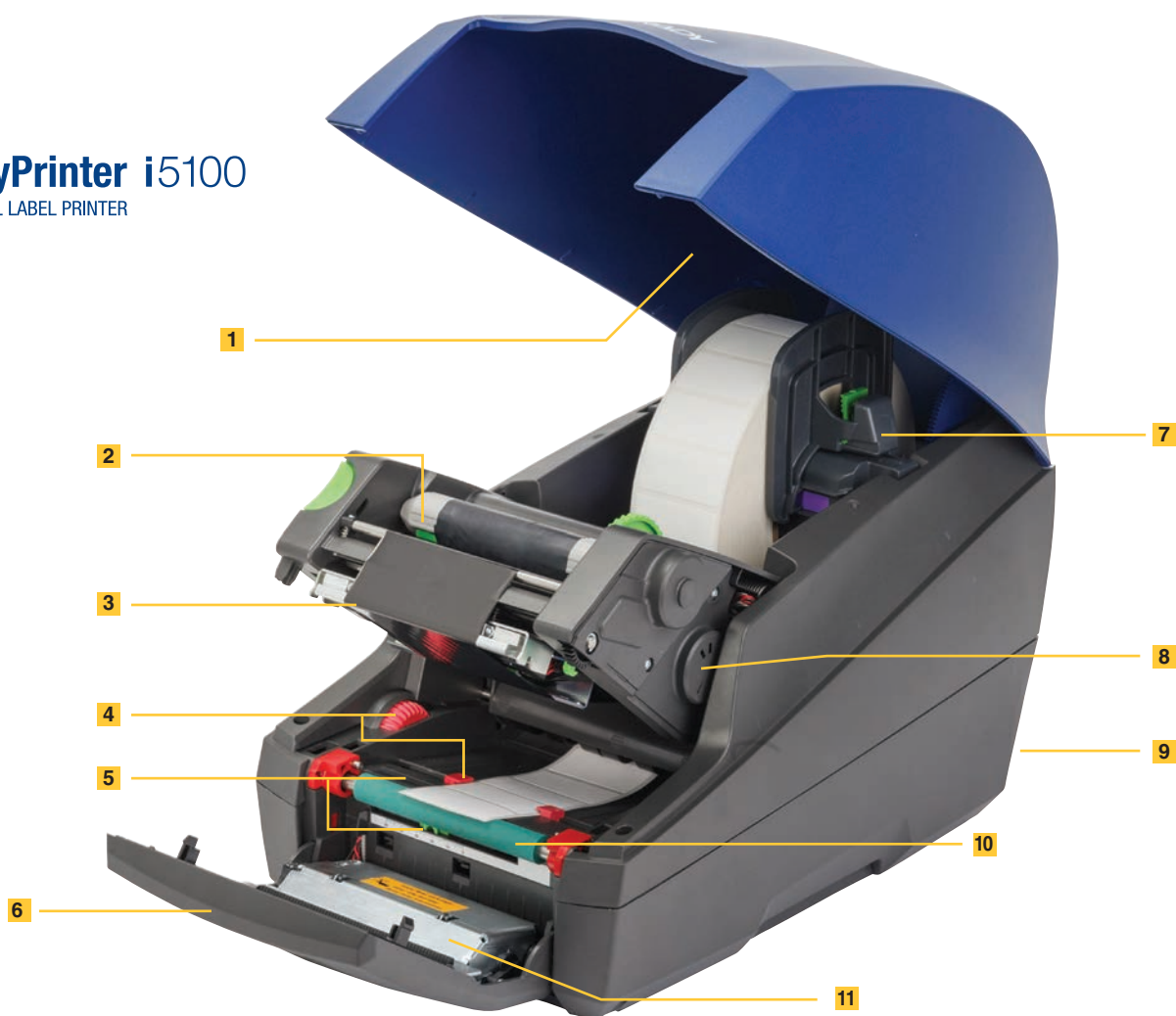
Hardware options: You'll get a variety of connection ports to stay connected any way you need to and you'll get interchangeable rollers to optimize printing on a variety of material widths.

The complete BradyPrinter i5100 solution

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BradyPrinter i5100
INDUSTRIAL LABEL PRINTER

1 Top-loading design
Reduces footprint in your workspace and simplifies
media alignment and loading

2 Ribbon takeup spindle
Both spindles are keyed for guaranteed correct ink-side
orientation and slip quickly into place with no complicated
ribbon thread-through, no axles to loosen or tighten and
no separate cardboard core needed

3 Print head
300 or 600 dpi print heads are interchangeable through
the Brady service department so you can change your
print resolution if your needs change

4 Media guide adjustment (center-aligned media)
A simple turn of the dial auto-centers the media guides
from 5.1 mm to 114 mm widths

5 Sensors
Both the gap and notch sensors are easy to adjust,
and with IP-enabled media rolls, sensors are
auto-detected and the correct settings are
displayed for the user

6 Color touchscreen control panel
Icons and sliders for easy printer setting adjustments and
information about parts when using Brady IP-enabled rolls

7 Roll holder with label part detection
Printer auto-detects IP-enabled label rolls to communicate
part set up information to both printer and Brady software. Holds
3 in. core roll

8 Ribbon cog with ribbon part detection
Printer auto-detects IP-enabled ribbon part and communicates ribbon
information to the user and warns if the incorrect ribbon is used

9 Interface options
2x USB, USB 2.0, RS-232C, Ethernet and SD card (back of printer)
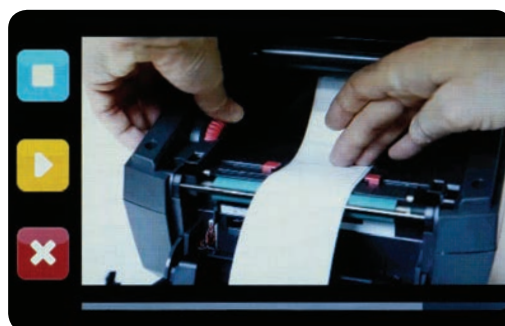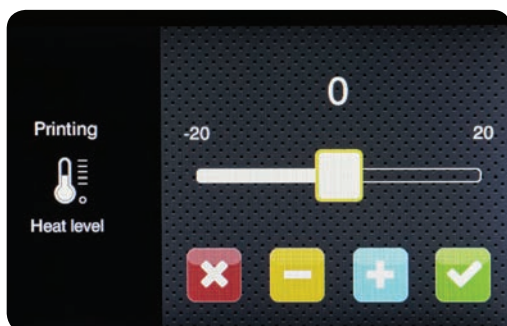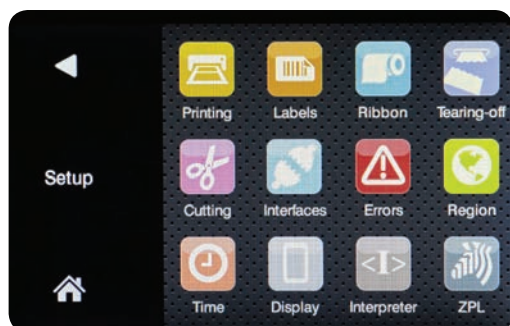
10 Print roller
Green synthetic rubber rollers available in 4 widths and can be replaced
by the user if worn, or to pair a narrow roller with narrow media

11 Integrated auto-cutter (optional model)
Built-in cutter for complete cut through of approved media

Quickly and easily change printer settings

Make changes quickly and easily on the BradyPrinter i5100 with its intuitive touchscreen. Colorful icons, buttons and sliders allow you to navigate between screens, make printer setting changes and view the printer status with ease. The easy-to-use interface also includes responsive prompts and embedded how-to videos.

Full-performance printing from start to finish

With the fundamental printing capabilities you need to get the job done, this printer will be your high-volume, high-mix workhorse on the most common industrial materials. This printer has robust processing power to handle the high-volume jobs you send to it, a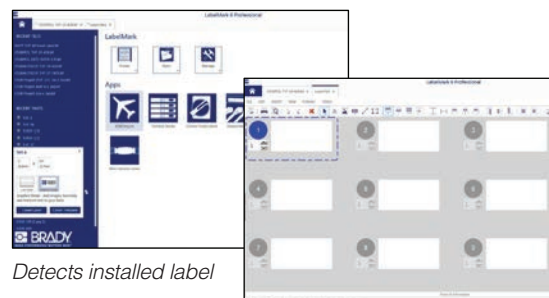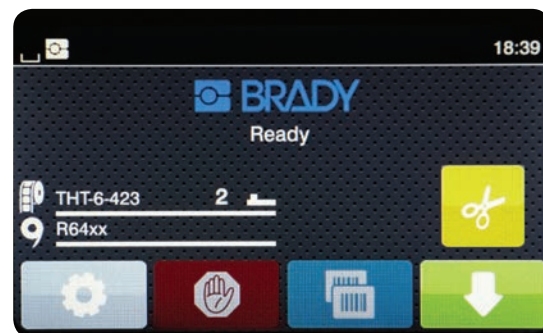nd can print on labels as small as 0.20 inches. Also compatible with Brady Workstation and LabelMark™ label creation software from Brady, this printer makes label creation easy and hassle-free.

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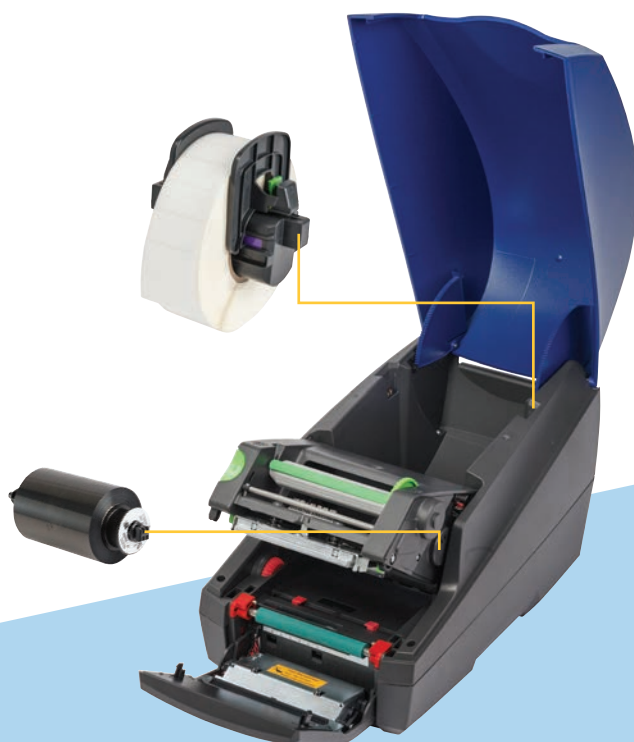# Intelligent printing technology means faster, easier set up

IP-enabled supplies from Brady allow the printer, labels, ribbons and software to work together for efficient label set up and creation. It's all in the IP-enabled RFID tag embedded in our materials – it stores the material size, type, color, quantity and compatibility. When installed, the tag sends that information to the printer and software, and displays it on screen to provide you with a variety of time- and cost-saving benefits, including:

- Supplies remaining gauge
- Auto sensor select
- Auto-part set up in software
- Auto print speed and heat setting
- Ribbon incompatibility warning

IP-enabled supplies with RFID tag

Detects installed label

User just enters label content

Smart design for fast material changeovers

The specially designed ribbon spindles and roll holder simplify the clumsy loading process of traditional materials. The media rolls easily drop into place quickly and always in the correct orientation. This feature makes this printer ideal for facilities that use a variety of materials throughout the day.

Reduce print head wear with variable roller widths

To keep your printer running smoothly and to avoid unnecessary costs, the BradyPrinter i5100 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 with confidence

The i5100 provides a diverse set of connection ports on the back of the printer, allowing you to connect common devices to the printer.

1 SD memory card slot

2 2 x USB host ports (for memory stick, scanner, keyboard, BT adapter, WLAN stick and service key)

3 USB 2.0 Hi-speed device port for PC connection

4 Ethernet 10/100 BASE-T port

5 RS232C Interface 1.200 to 230.400 baud/8 bit

6 WLAN hotspot or infrastructure mode (in hotspot mode it is possible to directly connect a mobile device to the printer via WLAN)

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BradyPrinter i5100 printers and accessories

Printers

Printers ship ready to use with 1 auto-detect media roll holder, 1 ribbon takeup spindle, power cord, USB cable, user manual, user license for Brady Workstation PWID Software suite, and a CD that contains drivers, user manual in 24 languages and configuration manual.

	Catalog #	Description	Details
	149452	i5100 Industrial Label Printer, Standard Version, 300 dpi	Prints on labels, tags and select continuous media wound on rolls or fanfolded. Media is torn off after printing using tear bar that is standard on printer.
	149455	i5100 Industrial Label Printer, Standard Version, 600 dpi	Prints on labels, tags and select continuous media wound on rolls or fanfolded. Media is torn off after printing using tear bar that is standard on printer. 600 dpi head is ideal for smaller fonts, intricate graphics and bar coding, including 2D codes.
	149453	i5100 Industrial Label Printer, Auto Cutter Version, 300 dpi	In addition to the capabilities of standard model, this configuration has a built-in auto cutter and tear bar to allow for tear-off or complete cut-through printing. Cutting is limited to cuttable materials at down-web label lengths of 12 mm or greater.
	149456	i5100 Industrial Label Printer, Auto Cutter Version, 600 dpi	In addition to the capabilities of standard model, this configuration has a built-in auto cutter and tear bar to allow for tear-off or complete cut-through printing. Cutting is limited to cuttable materials at down-web label lengths of 12 mm or greater. 600 dpi head is ideal for smaller fonts, intricate graphics and bar coding, including 2D codes.

Accessories

	Catalog #	Description	Details
	149470	Spare i5100/IP Media Roll Holder, Auto-detect	Holds 3 in. open core media rolls and auto-detects Brady IP-enabled media rolls. Separates and slides back together easily for fast self-centering installation of media roll. Also fits Brady IP-model printers.
	149562	Spare i5100/IP Ribbon Takeup Spindle	Features flexible green tab for faster ribbon threading and a quick-release lever for removing used ribbon from spindle. When using this spindle, no separate cardboard ribbon core is needed. Also fits Brady IP-model printers.
	149131	USB WLAN Stick	2.4 GHz 802.11b/g/n + 5 GHz a/n/ac with rod antenna for extended reach.
	149080	USB Bluetooth Adapter	USB Bluetooth adapter.
	149563	RS232 Cable	Connecting cable RS232 C 9/9 pin, 3 m length.

Replaceable print rollers

Minimize wear on the print head by pairing narrow rollers with narrow media — always be sure the roller is wider than the label media and the ribbon is wider than the roller.

	Catalog #	Description	Details
	149471	Print Roller 120 mm	For media up to 119 mm wide. Use ribbon that is at least 121 mm wide.
	149598	Print Roller 80 mm	For media up to 79 mm wide. Use ribbon that is at least 81 mm wide.
	149473	Print Roller 50 mm	For media up to 49 mm wide. Use ribbon that is at least 51 mm wide.
	149472	Print Roller 25 mm	For media up to 24 mm wide. Use ribbon that is at least 26 mm wide.
	PCK-6	IPA Printer Cleaning Swabs	Pre-soaked in IPA, lint-free synthetic cleaning swabs for cleaning rollers, print heads and sensors. Package of 50 individually wrapped swabs.

The right label from the right company

Nothing leaves Brady's doors without meeting the highest quality standards. Backed by more than 100 years of identification experience and rigorous R&D testing, Brady manufactures materials you can trust.

The BradyPrinter i5100 offers more than 100 label materials, more than 3,000 stock label parts and made-to-spec custom materials and parts that can be used in a variety of applications, including:
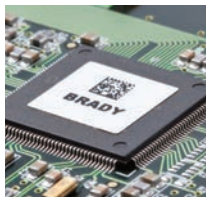
Product ID and production line applications

- Metallized labels and rating plates
- QA testing labels
- Tamper-evident and tamper-resistant labels
- Product labels
- Work-in-process labels
- Repositionable labels
- Barcode labels
- Destructible labels

Electronics and PC board applications

- Polyimide labels
- Electrostatic dissipative labels
- Polyester labels
- Removable polyimide labels
- PC board component labels

Logistics, general industrial and asset ID applications

- Paper labels
- Asset tracking labels
- Tamper-evident and tamper-resistant labels
- Tote and pallet labels
- Tag stock
- Repositionable labels
- Polyester labels
- Bin and shelf labels

Electrical and automation applications

- Adhesive wire label wraps
- Self-laminating wire markers
- Heat-shrink wire sleeves
- Inside panel labels
- Cable tags
- Push button / engraved plate alternative labels
- Panel rating plate materials
- General purpose labels
- Arc flash panel labels

Laboratory and sample tracking applications

- Tube and vial labels
- Cryo labels
- Slide labels / solvent-resistant labels
- Removable labels for glassware
- Labels for humidity, moisture, water bath and autoclave
- Dish, tray and well plate labels
- Tissue cassette labels and applicators
- General lab equipment labels

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