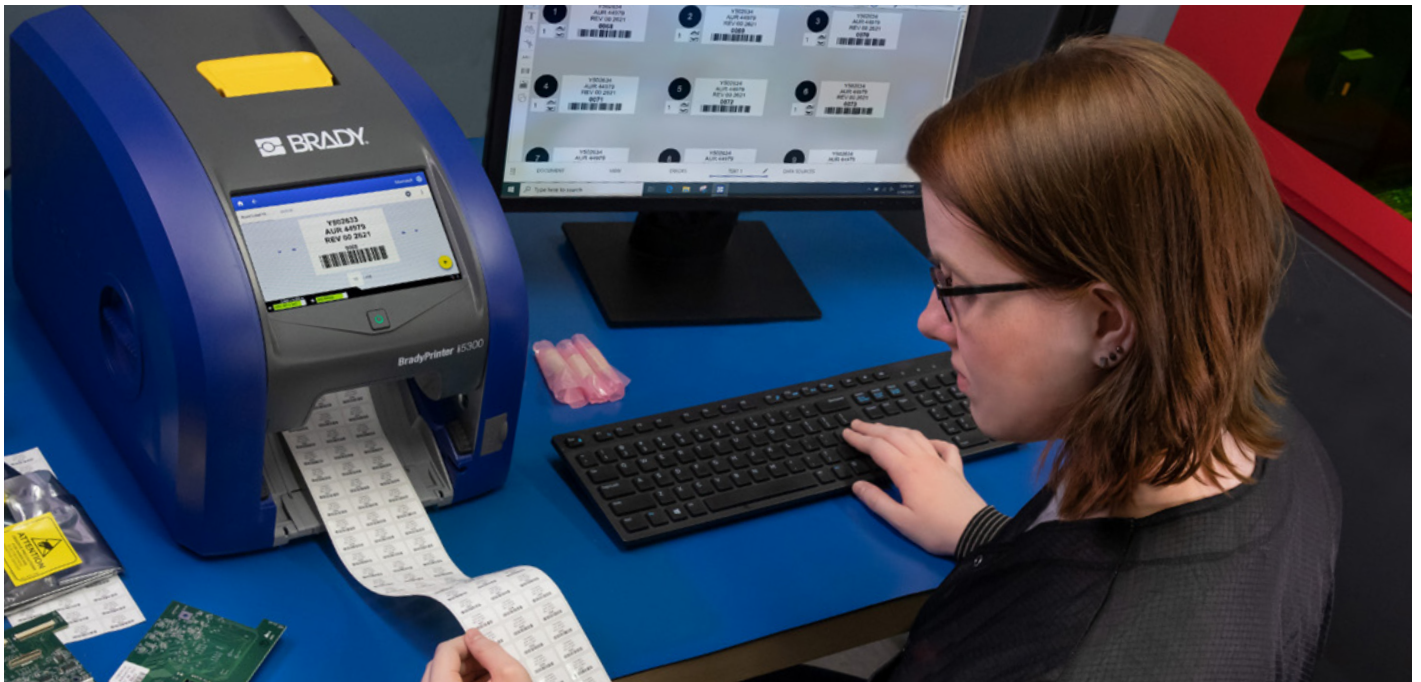


**Experience easy. No setup. No adjustments. No waste.**

## **BradyPrinter i5300 Industrial Label Printer**



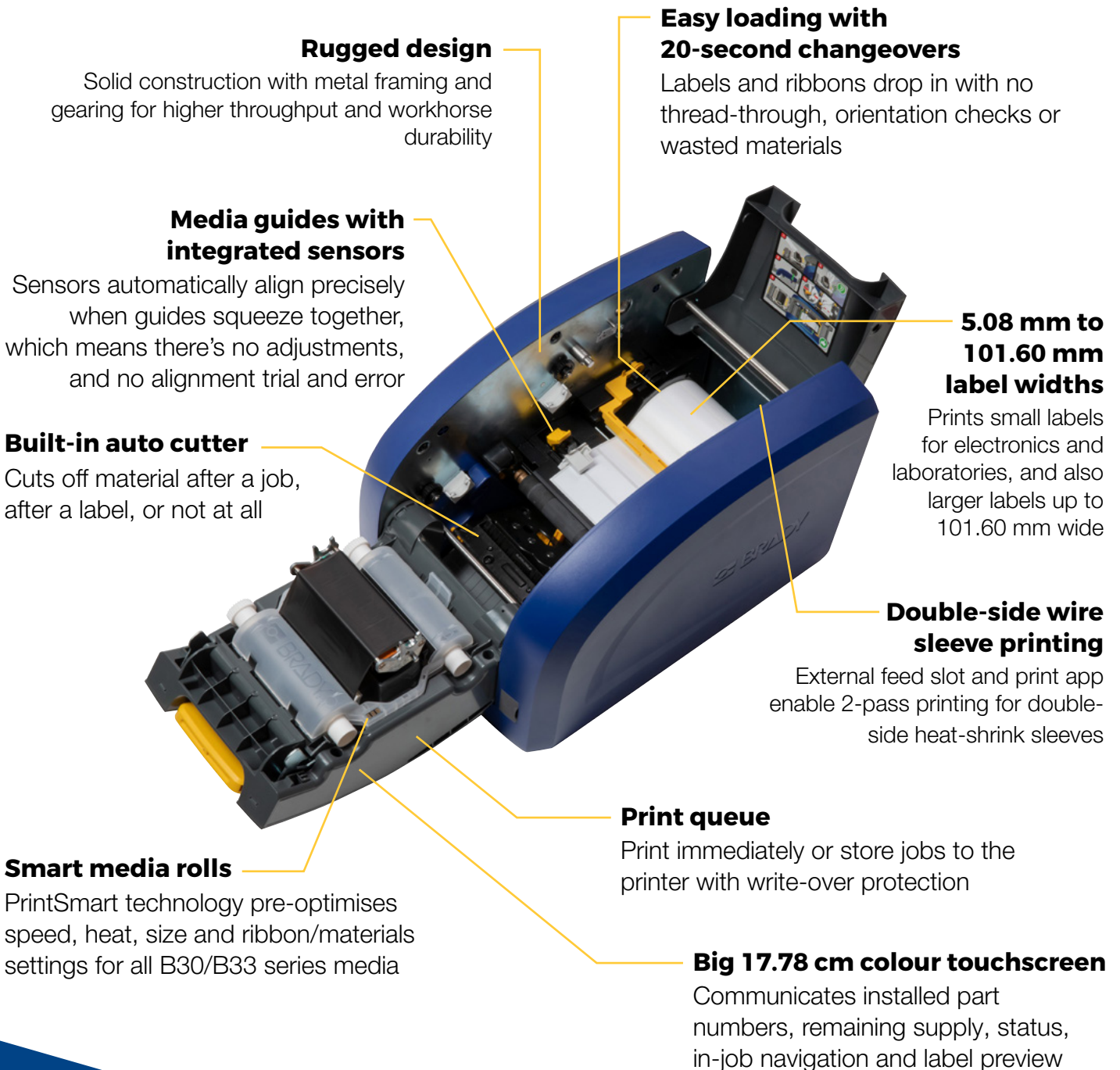
Set up, switch out and print faster than you ever imagined with the BradyPrinter i5300 Industrial Label Printer. It's intuitive, auto-calibrating and precise, printing barcodes and small fonts on labels as small as 5.08 mm. With a solid, metal frame construction, it can handle both high-volume and high-mix labelling applications: electronics and product ID, wire and panel ID, lab ID and safety and facility ID.

**Get fast and efficient precision printing for high-mix/high-volume labelling. Printer features quick label set up and no-waste material changeovers.**

- 300 dpi; prints small fonts with precision
- Requires no calibration and no heat and speed setting adjustments
- 20-second material changeovers, 5.08 mm – 101.6 mm label widths
- Pauses, resumes and stores print jobs on printer in an adjustable queue with overwrite protection
- 178 mm colour touchscreen and built-in auto cutter
- Solid construction with an all-metal frame
- Intuitive and easy to operate

## Easy - inside and out.

When it comes to the BradyPrinter i5300 Industrial Label Printer, everything's easy. Taking just seconds to set up and load, it offers a faster, easier start-to-print process. That's because it's designed for efficiency - no setup, no adjustments and no waste. Zero. Enjoy time-saving features like a print queue and interrupt function. Plus, get precision printing on 75 material types and over 1300 parts, with custom parts available. All this so you can reach your high-mix, high-volume printing goals. Ready? We told you it was easy.



## Specifications

<b>Model name</b>	BradyPrinter i5300 Industrial Label Printer	<b>Volume guidelines*</b>	5,000+ labels per day. 5 days per week		<b>Media alignment</b>	Centre justified
<b>Printhead/printing characteristics</b>						
<b>Print resolution</b>	300 dpi model 600 dpi model	<b>Print method</b>	Direct transfer, thermal transfer		<b>Cutter type</b>	Auto cutter built-in (all models)
<b>Print colour capability</b>	Single colour	<b>Print job interrupt options</b>	Resume print job where pause or interruption occurs, or select specific label in job		<b>Printhead replacement</b>	Field replaceable (with same dpi only)
<b>Maximum print width (cross-web)</b>	101.98 mm				<b>Print on demand</b>	Yes
<b>Maximum print label length (down-web)</b>	1.524 m	<b>Print roller replacement</b>	Field replaceable (T10 wrench required)		<b>Print pause</b>	Yes
<b>Print speed</b>	up to 177.80 mm/sec - die cuts (300 dpi) up to 254.00 mm/sec - continuous (300 dpi) up to 76.20 mm/sec - die cuts (600 dpi) up to 127.00 mm/sec - continuous (600 dpi)	<b>Stand-alone print job list on printer</b>	Yes - BradyWorkstation print jobs can be saved to printer for later on-printer selection and placement into a Print Queue. This function also write-protects the print jobs from unwanted editing.			
<b>Interface</b>						
<b>Display type and size</b>	Colour LCD touchscreen	<b>Display size (diagonal)</b>	177.80 mm			
<b>Display resolution (h x w)</b>	600 x 1024 pixels	<b>Display status bar</b>	Installed ribbon and label part numbers, amount of supplies remaining, Wi-Fi connection, Bluetooth connection, receiving data icon, ready state/error state			
<b>Display languages</b>	Bahasa Indonesia, Bahasa Melayu, Bulgarian, Chinese (simplified), Chinese (traditional), Croatian, Czech, Danish, Dutch, Estonian, Finnish, French, German, Hungarian, Italian, Japanese, Korean, Norwegian, Polish, Portuguese, Romanian, Russian, Slovakian, Slovenian, Spanish, Swedish, Turkish, Thai, Vietnamese					
<b>Interface and connectivity</b>						
<b>PC connection port</b>	1 x USB 2.0 hi-speed device port	<b>Serial port</b>	No	<b>Ethernet</b>	1 x Ethernet 100 BASE-T	<b>Bluetooth</b> (wireless printer model only) Internal Bluetooth module (future functionality)
<b>USB host ports</b>	3 x USB 2.0 type A host port (1 front, 2 back)	<b>SD card slot</b>	No	<b>Wireless</b>	(wireless printer model only) Factory installed Wi-Fi 802.11b/g/n	
<b>Fonts, graphics and barcodes</b>						
<b>Character sets</b>	ASCII character set	<b>Font types (resident)</b>	Arial, Courier New, MS Gothic, Malgun Gothic, MingLiU, SimSun, Tahoma, Times New Roman, Trebuchet MS, Verdana		<b>Barcode symbologies - linear</b>	Code 39, Code 93, Code 128 A, B, C, Codabar, EAN-8, EAN-13, JAN-8, JAN-13, HIBC, Interleaved 2 of 5, Interleaved 2 of 5 w check digit, MSI Plessey, UPC-A
<b>Font types (storable to printer)</b>	TrueType fonts storable to printer via jump drive	<b>Graphic elements</b>	Arrow, line, rectangle, square, circle, ellipse, diamond, not, star, triangle, seal, cross			
<b>Font attributes</b>	Bold, italic, underlined	<b>Graphic formats</b>	BMP, GIF, JPEG, PNG			
<b>Barcode symbologies - 2D</b>	Aztec, DataMatrix, QR Code, PDF-417	<b>Barcode attributes</b>	Sizing: variable in height and ratio Rotation: 0°, 90°, 180°, 270° human-readable and human-readable location density			
<b>Media and ribbon characteristics</b>						
<b>PrintSmart technology</b>	Yes - Reads datachip on supplies for no-waste printing, requires no calibration, has pre-optimized energy and speed settings and features auto label setup in Brady software	<b>Media loading/handling</b>	Labels: In cartridge, drops into place, 15-second changeover Ribbon: In cartridge, snaps into place, 5-second changeover		<b>Media roll o.d. (max)</b>	109.22 mm
		<b>Media parts offering</b>	1300+ stock parts and custom (made-to-request) parts. All B30- and B33- series parts are compatible in the BradyPrinter i5300		<b>Ink side</b>	n/a (ribbon integrated in cartridge - guaranteed correct orientation to printhead)
<b>Sensory and energy setting adjustments</b>	No calibration required, Sensor, Speed and Heat settings are auto-set	<b>Label width (cross-web)</b>	6.35 mm to 107.95 mm (continuous linerless media) 6.35 mm to 101.98 mm (other media)		<b>Label length (down-web)**</b>	5.08 mm minimum (die-cut media). 12.70 mm minimum (continuous media)
<b>Media width (cross-web, including liner)</b>	18.03 mm to 107.95 mm	<b>Media thickness</b>	0.06 mm to 0.79 mm max (label media) 1.78 mm max (B-593 push-button media) 1.09 mm max (heat-shrink sleeves)		<b>Media roll core i.d.</b>	n/a (media roll integrated into drop-in cartridge)
		<b>Ribbon length (max)</b>	60.96 m	<b>Ribbon roll core i.d.</b>	n/a (ribbon roll integrated into drop-in cartridge)	<b>Ribbon roll o.d. (max)</b>
<b>Media styles</b>	All media is on an integrated cartridge roll with part data on the smart cell. Die-cut media, continuous media, tagstock liner-mounted, tagstock linerless, perforated materials, adhesive labels, heat-shrink sleeves size 094 and larger (single and double-sided with 2-pass print), self-laminating cable labels, cable ties and tags, raised panel push-button labels, rapido-style cable tags, PermaShield-style labels, pre-printed GHS labels, SFID outdoor-grade labels, direct thermal labels					
<b>Media material types</b>	PE (polyethylene), PET (polyester), PET (metallized), PU (polyurethane), PVC (vinyl), PVF (polyvinyl fluoride), PVDF (polyvinylidene fluoride), PP (polypropylene), PI (polyimide), polyamide, polyether polyurethane (Heatex™), raised panel push-button material, paper, tamper-evident and tamper-resistant materials, 8-10 year outdoor vinyl, 10-hour glow-in-the-dark material, retroreflective labels, printable floor marking tape, nylon and vinyl cloth, wash-down materials, extreme temperature laboratory materials, slides/lab-staining materials, other materials not listed					

Software and firmware					
<b>Label creation software</b>	Brady Workstation (v4.12 or newer) and Brady Workstation apps (latest updates)	<b>WHQL certified Windows® drivers</b>	Windows 7, 8, 8.1, 10, server 2008, 2008 R2, 2012, 2012 R2, 2017	<b>Printer command language</b>	BPL - scripting commands for sending scripts to the printer
Physical/operational characteristics					
<b>Dimensions</b>	284.48 mm W x 279.40 mm H x 401 mm D	<b>Power consumption</b>	20W standby/80W operating/200W max	<b>Storage environment</b>	-20 - 50°C/15 - 90% RH non condensing
<b>Weight (without materials loaded)</b>	15.0 kg	<b>Power supply</b>	101 - 240 VAC, 50/60 Hz, 3.5A	<b>Operating environment</b>	10 - 40°C/10 - 85% RH non condensing
<b>Agency approvals</b>	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)			<b>Transport environment</b>	-20 - 50°C/15 - 90% RH non condensing
Electronics					
<b>Processor</b>	32-bit 800 MHz clock rate	<b>Memory (RAM)</b>	512 MB	<b>Internal battery</b>	For internal date and time (RTC)
<b>Data storage when power off</b>	Yes	<b>Data storage (IFFS)</b>	195 MB	<b>SD card slot (SDHC, SDXC)</b>	n/a
Options/accessories					
<b>Replacement printhead</b>	User replaceable (to same dpi)	<b>Auto cutter (on all models)</b>	Built-in	<b>Replacement print roller</b>	115 mm width, user replaceable (T10 wrench required)

\* General volume levels for directional model comparison purposes only. Assumes basic text on 25mm x 50mm vinyl labels. Actual results vary depending on combination of material, burn and speed settings, label content, ambient temperature and length of print run.

\*\* User should test to the application. Print performance on small parts or parts smaller than a printer's minimum label dimension spec is dependent on multiple factors including print speed, quantity in print run, heat setting, and the size/layout of the printed elements.  
Windows® is a registered trademark of Microsoft Corporation.

## Printers - 300 dpi

Article No.	Order Ref.	Description
151274	I5300-C-EU	i5300 Industrial Label Printer- EU
310339	I5300-C-EU-LAB	i5300 Industrial Label Printer- EU with Brady Workstation LAB Suite
310341	I5300-C-EU-PWID	i5300 Industrial Label Printer- EU with Brady Workstation PWID Suite
310343	I5300-C-EU-SFID	i5300 Industrial Label Printer- EU with Brady Workstation SFID Suite
151272	I5300-C-NA	i5300 Industrial Label Printer- NA
310351	I5300-C-NA-LAB	i5300 Industrial Label Printer- NA with Brady Workstation LAB Suite
310353	I5300-C-NA-PWID	i5300 Industrial Label Printer- NA with Brady Workstation PWID Suite
310355	I5300-C-NA-SFID	i5300 Industrial Label Printer- NA with Brady Workstation SFID Suite
151276	I5300-C-UK	i5300 Industrial Label Printer- UK
310345	I5300-C-UK-LAB	i5300 Industrial Label Printer- UK with Brady Workstation LAB Suite
310347	I5300-C-UK-PWID	i5300 Industrial Label Printer- UK with Brady Workstation PWID Suite
310349	I5300-C-UK-SFID	i5300 Industrial Label Printer- UK with Brady Workstation SFID Suite

## WiFi printers - 300 dpi

Article No.	Order Ref.	Description
151275	I5300-C-EU-WF	i5300 Industrial Label Printer with Wifi- EU
310340	I5300-C-EU-WF-LAB	i5300 Industrial Label Printer with Wifi- EU with Brady Workstation LAB Suite
310342	I5300-C-EU-WF-PWID	i5300 Industrial Label Printer with Wifi- EU with Brady Workstation PWID Suite
310344	I5300-C-EU-WF-SFID	i5300 Industrial Label Printer with Wifi- EU with Brady Workstation SFID Suite
151273	I5300-C-NA-WF	i5300 Industrial Label Printer with Wifi- NA
310352	I5300-C-NA-WF-LAB	i5300 Industrial Label Printer with Wifi- NA with Brady Workstation LAB Suite
310354	I5300-C-NA-WF-PWID	i5300 Industrial Label Printer with Wifi- NA with Brady Workstation PWID Suite
310356	I5300-C-NA-WF-SFID	i5300 Industrial Label Printer with Wifi- NA with Brady Workstation SFID Suite
151277	I5300-C-UK-WF	i5300 Industrial Label Printer with Wifi- UK
310346	I5300-C-UK-WF-LAB	i5300 Industrial Label Printer with Wifi- UK with Brady Workstation LAB Suite
310348	I5300-C-UK-WF-PWID	i5300 Industrial Label Printer with Wifi- UK with Brady Workstation PWID Suite
310350	I5300-C-UK-WF-SFID	i5300 Industrial Label Printer with Wifi- UK with Brady Workstation SFID Suite



## Printers - 600 dpi

Article No.	Order Ref.	Description
151283	I5300-600C-EU	BradyPrinter i5300 Industrial Label Printer 600 dpi, EU
151281	I5300-600C-NA	BradyPrinter i5300 Industrial Label Printer 600 dpi, NA
151285	I5300-600C-UK	BradyPrinter i5300 Industrial Label Printer 600 dpi, UK
310852	I5300-600-EU-LAB	i5300 Industrial Label Printer- EU with Brady Workstation LAB Suite
310854	I5300-600-EU-PWID	i5300 Industrial Label Printer- EU with Brady Workstation PWID Suite
310856	I5300-600-EU-SFID	i5300 Industrial Label Printer- EU with Brady Workstation SFID Suite
310864	I5300-600-NA-LAB	i5300 Industrial Label Printer- NA with Brady Workstation LAB Suite
310866	I5300-600-NA-PWID	i5300 Industrial Label Printer- NA with Brady Workstation PWID Suite
310868	I5300-600-NA-SFID	i5300 Industrial Label Printer- NA with Brady Workstation SFID Suite
310858	I5300-600-UK-LAB	i5300 Industrial Label Printer- UK with Brady Workstation LAB Suite
310860	I5300-600-UK-PWID	i5300 Industrial Label Printer- UK with Brady Workstation PWID Suite
310862	I5300-600-UK-SFID	i5300 Industrial Label Printer- UK with Brady Workstation SFID Suite

## WiFi printers - 600 dpi

Article No.	Order Ref.	Description
151284	I5300-600C-EU-WF	BradyPrinter i5300 Industrial Label Printer 600 dpi, Wi-Fi, EU
151282	I5300-600C-NA-WF	BradyPrinter i5300 Industrial Label Printer 600 dpi, Wi-Fi, NA
151286	I5300-600C-UK-WF	BradyPrinter i5300 Industrial Label Printer 600 dpi, Wi-Fi, UK
310853	I5300-600WF-EU-LAB	i5300 Industrial Label Printer with Wifi- EU with Brady Workstation LAB Suite
310855	I5300-600WF-EUPWID	i5300 Industrial Label Printer with Wifi- EU with Brady Workstation PWID Suite
310857	I5300-600WF-EUSFID	i5300 Industrial Label Printer with Wifi- EU with Brady Workstation SFID Suite
310865	I5300-600WF-NA-LAB	i5300 Industrial Label Printer with Wifi- NA with Brady Workstation LAB Suite
310867	I5300-600WF-NAPWID	i5300 Industrial Label Printer with Wifi- NA with Brady Workstation PWID Suite
310869	I5300-600WF-NASFID	i5300 Industrial Label Printer with Wifi- NA with Brady Workstation SFID Suite
310859	I5300-600WF-UK-LAB	i5300 Industrial Label Printer with Wifi- UK with Brady Workstation LAB Suite
310861	I5300-600WF-UKPWID	i5300 Industrial Label Printer with Wifi- UK with Brady Workstation PWID Suite
310863	I5300-600WF-UKSFID	i5300 Industrial Label Printer with Wifi- UK with Brady Workstation SFID Suite

The above part number descriptions do not reflect complete product data - refer to the specification sheet for complete details. i5300 printers accept all B30/B33 series media.



Quickly identify your products and wires with customised text or graphical labels, using serialised or imported data.

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Ensure labels for all your lab samples and equipment are crisp, clear, readable and contain all necessary information. Easily design and create labels for your cryovials, centrifuge tubes, bottles, conicals, slides and other samples in your laboratory.

[Workstation.BradyID.com/LAB](http://Workstation.BradyID.com/LAB)



Keep your facility safe and compliant by creating custom signs, label and pipemarkers, adding visual safety guidance.

[Workstation.BradyID.com/SafetyAndFacility](http://Workstation.BradyID.com/SafetyAndFacility)



## Accessories

Article No.	Description
148703	Media Wiper
153661	i5300 Print Head 300 dpi**
153662	i5300 Print Head 600 dpi**
153663	i5300 Print Roller
133251	Printer Cleaning Kit, Thermal Transfer Printers
142115	Replacement Stylus 3 Pack

\*\* Printheads can only be replaced with same dpi (300 with 300, or 600 with 600)





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The specifications listed in this brochure are subject to change by the manufacturer and therefore cannot be guaranteed to be correct. If there are aspects of the specification that must be guaranteed, please provide these to our sales team so that details can be confirmed.

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