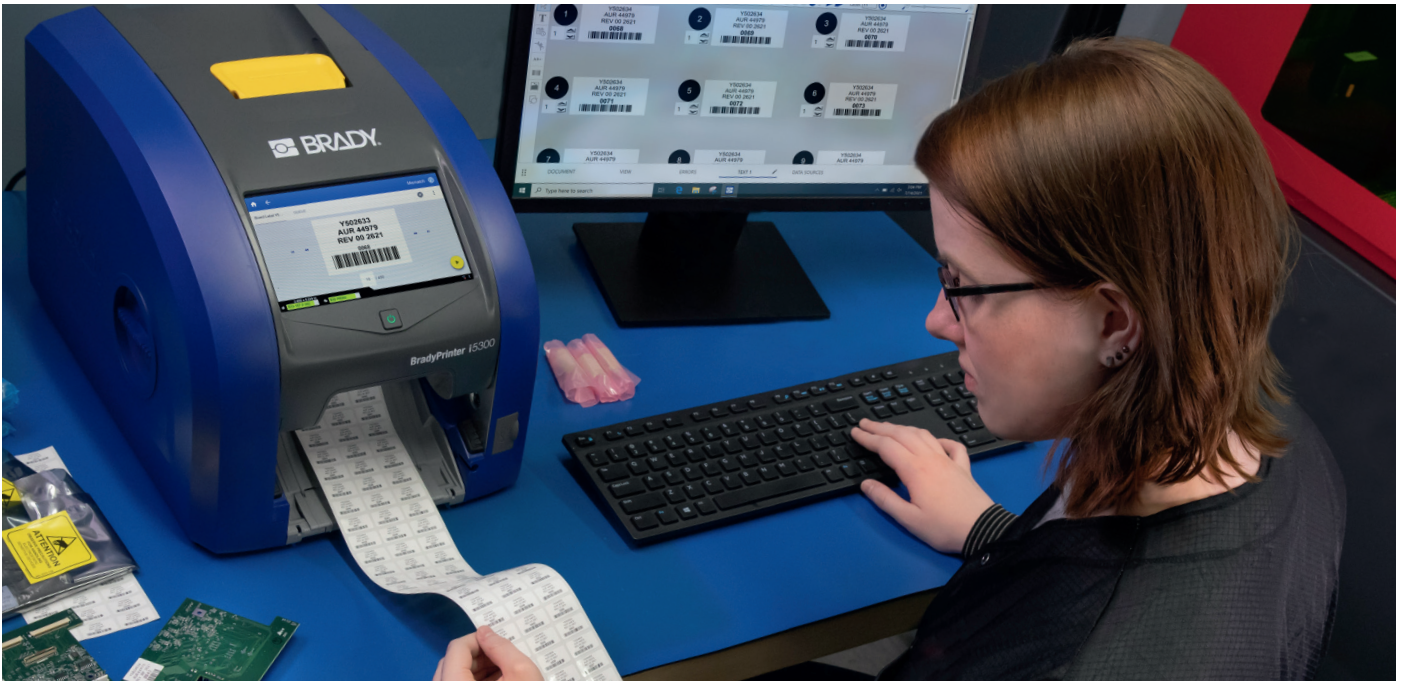




Experience easy. No setup. No adjustments. No waste.

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 5.08mm. 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. Also enjoy:

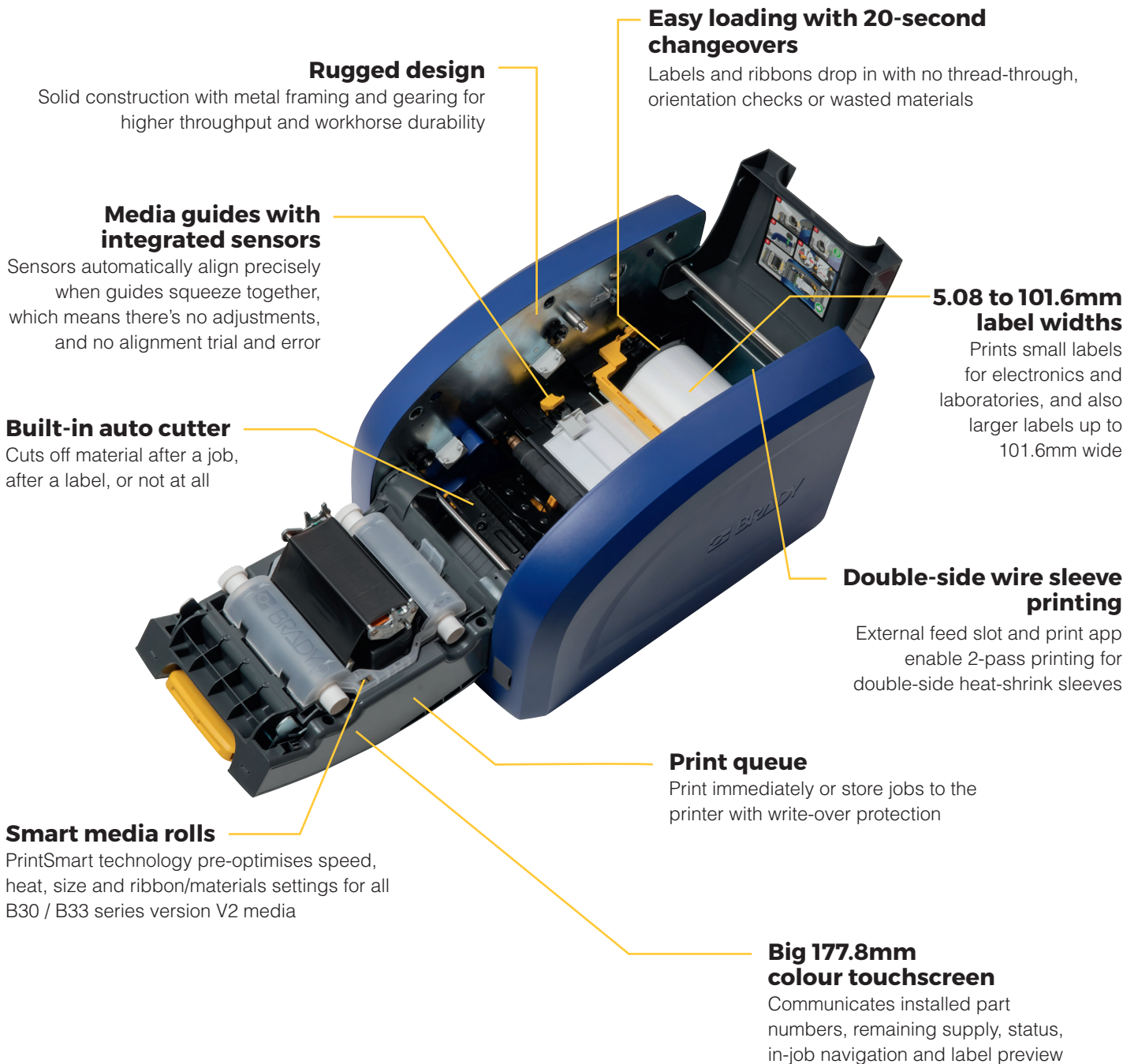
- **No waste** - prints on the very first label to maximise material use (and cut costs)
- **Fast setup** - 20-second material changeovers with no calibration, sensor or print setting adjustments
- **Precision printing** - either 300 or 600 dpi models align and print on labels as small as 5.08mm
- **Saves time** - prints fast, and pauses, resumes and stores jobs in a write-protected list
- **Prints thousands of label types** - options for both stock and custom parts





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.





Printers

Part No.

880134	BradyPrinter i5300, 300 dpi, Wi-Fi, Brady Workstation PWID Software Suite
880135	BradyPrinter i5300, 600 dpi, Wi-Fi, Brady Workstation PWID Software 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 version V2 media.

Accessories

Part No.

153661	Field-replaceable Printhead, 300dpi **
153662	Field-replaceable Printhead, 600dpi *
153663	Field-replaceable Print Roller, 115mm wide (T10 wrench required)

Part No.

33969	Pre-moistened IPA Printhead Cleaning Swabs
148703	Field-replaceable Media Wiper Arm Pads
149565	Stylus for use on touchscreen

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

Specification

Model name	BradyPrinter i5300 Industrial Label Printer	Volume guidelines*	5,000+ labels per day, 5 days per week	Media alignment	Center justified
Printhead / printing characteristics					
Print resolution	300 dpi model 600 dpi model	Print method	Direct transfer, thermal transfer	Cutter type / auto cutter	Auto cutter built-in (all models)
Print colour capability	Colour printing capability / single colour	Print job interrupt options	Resume print job where pause or interruption occurs, or select specific label in job	Printhead replacement	Field replaceable (with same dpi only)
Maximum print width (cross-web)	101.98mm			Print on demand	Yes
Maximum print label length (down-web)	1.52m	Print roller replacement	Field replaceable (T10 wrench required)	Print pause	Yes
Print speed	up to 177.8mm / sec - die cuts (300 dpi) Up to 254mm / sec - continuous (300 dpi) Up to 76.2mm / sec - die cuts (600 dpi) Up to 127mm / sec - continuous (600 dpi)	Stand-alone print job list on printer	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.		
Interface					
Display type and size	Colour LCD touchscreen	Display size (diagonal)	177.8mm		
Display resolution H x W	600 x 1024 pixels	Display status bar	Installed ribbon and label part numbers, amount of supplies remaining, Wi-Fi connection, Bluetooth connection, receiving data icon, ready state/error state		
Display languages	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				
Interface and connectivity					
PC connection port	1 x USB 2.0 hi-speed device port	Serial port	No	Ethernet	1 x Ethernet 100 BASE-T
USB host ports	3 x USB 2.0 type A host port (1 front, 2 back)	SD card slot	No	Wireless	(wireless printer model only) Factory installed Wi-Fi 802.11b/g/n
				Bluetooth	(wireless printer model only) Internal Bluetooth module (future functionality)





Fonts, graphics and barcodes

Character sets	ASCII character set	Font types (resident)	Arial, Courier New, MS Gothic, Malgun Gothic, MingLiU, SimSun, Tahoma, Times New Roman, Trebuchet MS, Verdana	Barcode symbologies – linear	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
Font types (storable to printer)	TrueType fonts storable to printer via jump drive	Graphic elements	Arrow, line, rectangle, square, circle, ellipse, diamond, not, star, triangle, seal, cross		
Font attributes	Bold, italic, underlined	Graphic formats	BMP, GIF, JPEG, PNG		
Barcode symbologies – 2D	Aztec, DataMatrix, QR Code, PDF-417	Barcode attributes	Sizing: variable in height and ratio Rotation: 0°, 90°, 180°, 270° human-readable and human-readable location density		

Media and ribbon characteristics

PrintSmart technology	Yes - Reads datachip on supplies for no-waste printing, requires no calibration, has pre-optimised energy and speed settings and features auto label setup in Brady software	Media loading / handling	Labels: In cartridge, drops into place, 15-second changeover Ribbon: In cartridge, snaps into place, 5-second changeover		Media roll O.D. (max)	109.22mm	
		Media parts offering	1300+ stock parts and custom (made-to-request) parts. All B30- and B33- series version v2 parts are compatible in the BradyPrinter i5300		Ink side	N/A (ribbon integrated in cartridge — guaranteed correct orientation to printhead)	
Sensory and energy setting adjustments	No calibration required, Sensor, Speed and Heat settings are auto-set	Label width (cross-web)	6.35mm to 107.95mm (continuous linerless media) 6.35mm to 101.98mm (other media)		Label length (down-web)**	5.08mm minimum (die-cut media). 12.7mm minimum (continuous media)	
Media width (cross-web, including liner)	18.03mm to 107.95mm	Media thickness	0.061mm to 0.787mm max (label media) 1.778mm max (B-593 push-button media) 1.092mm (heat-shrink sleeves)		Media roll core I.D.	N/A (media roll integrated into drop-in cartridge)	
Media roll winding	N/A	Ribbon length (max)	60.96m	Ribbon roll core I.D.	n/a (ribbon roll integrated into drop-in cartridge)	Ribbon roll O.D. (max)	N/A (ribbon roll integrated into drop-in cartridge)
				Ribbon width (cross-web)		109.98mm	
Media styles	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						
Media material types	PE (polyethylene), PET (polyester), PET (metallised), 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

Label creation software	Brady Workstation (v4.12 or newer) and Brady Workstation apps (latest updates)	WHQL certified Windows® drivers	Windows 7, 8, 8.1, 10, server 2008, 2008 R2, 2012, 2012 R2, 2017	Printer command language	BPL - scripting commands for sending scripts to the printer
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Physical / operational characteristics

Dimensions	279.4 x 284.5 x 401.3 mm	Power consumption	20W standby / 80W operating / 200W max	Storage environment	-20 - 50°C / 15 - 90% RH non condensing
Weight (without materials loaded)	14kg	Power supply	101 - 240 VAC, 50/60 Hz, 3.5A	Operating environment	10 - 40°C / 10 - 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)			Transport environment	-20 - 50°C / 15 - 90% RH non condensing

Electronics

Processor	32-bit 800 MHz clock rate	Memory (RAM)	512 MB	Internal battery	For internal date and time (RTC)
Data storage when power off	Yes	Data storage (IFFS)	195 MB	SD card slot (SDHC, SDXC)	N/A


Options / accessories

Replacement printhead	User replaceable (to same dpi)	Auto cutter (on all models)	Built-in	Replacement print roller	115mm width, user replaceable (T10 wrench required)
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*General volume levels for directional model comparison purposes only. Assumes basic text on 25.4 x 50.8mm 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.

 **For more information, visit BradyID.com.au or call 1800 620 816**

