



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

BradyPrinter i5300 Industrial Label Printer



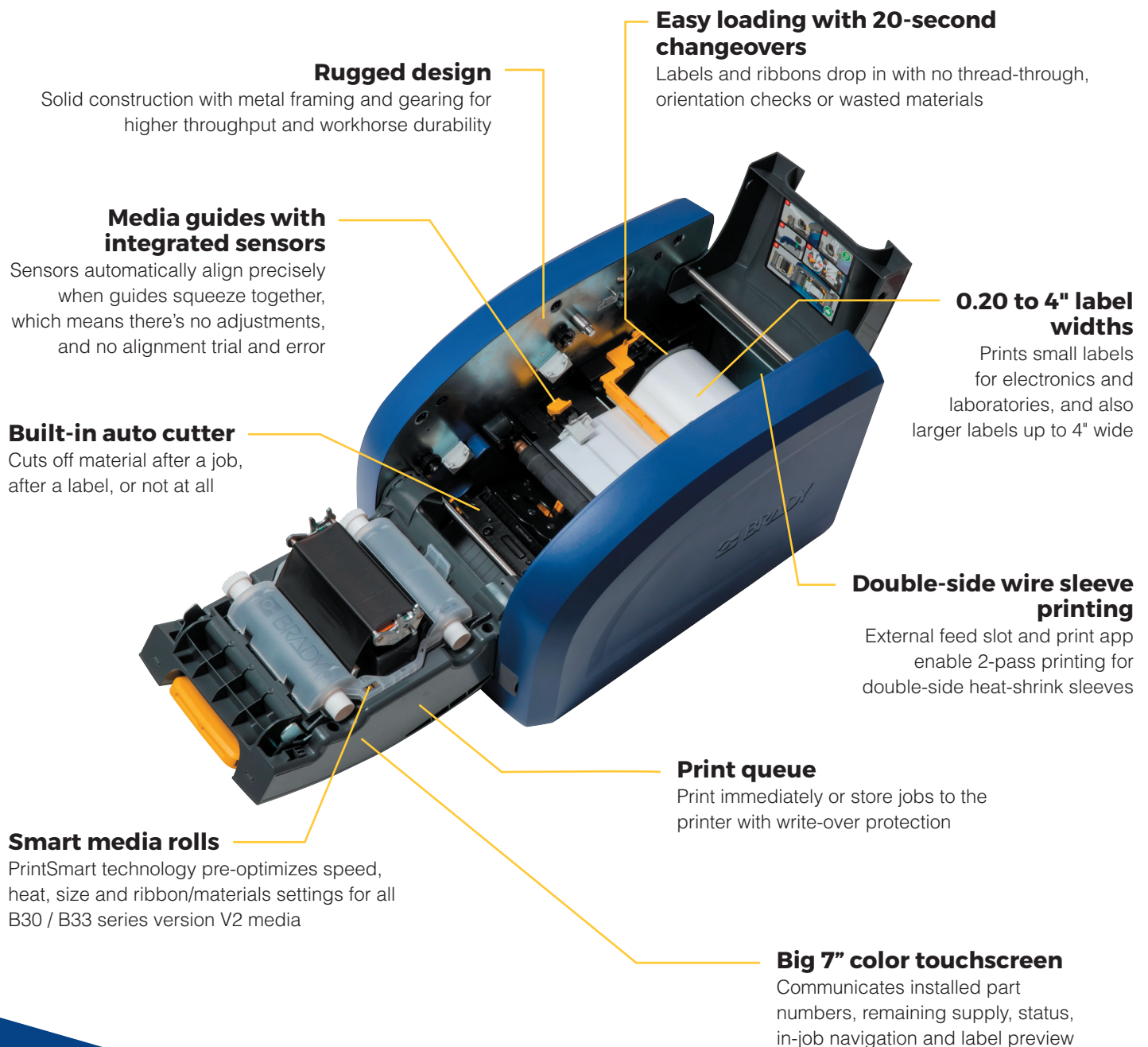
Set up, switch out and print faster than you ever imagined with the BradyPrinter i5300 Industrial Label Printer. It's intuitive, auto-calibrating and precise, printing barcodes and small fonts on labels as small as 0.2". With a solid, metal frame construction, it can handle both high-volume and high-mix labeling 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 maximize 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 0.20"
- **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

Learn more at [BradyID.com](https://bradyid.com)

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

Catalog #	
151290	BradyPrinter i5300, 300 dpi, Wi-Fi, Brady Workstation PWID Software Suite
151291	BradyPrinter i5300, 300 dpi, Wi-Fi, Brady Workstation Lab ID Software Suite
151292	BradyPrinter i5300, 300 dpi, Wi-Fi, Brady Workstation SFID Software Suite
151293	BradyPrinter i5300, 300 dpi, Wi-Fi, Brady Workstation GHS Labels Software
151294	BradyPrinter i5300, 600 dpi, Wi-Fi, Brady Workstation PWID Software Suite*
151295	BradyPrinter i5300, 600 dpi, Wi-Fi, Brady Workstation Lab ID Software Suite*
153710	BradyPrinter i5300, 600 dpi, Wi-Fi, Brady Workstation SFID Software Suite*
153711	BradyPrinter i5300, 600 dpi, Wi-Fi, Brady Workstation GHS Labels Software*

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.**

* 600 dpi model estimated availability in November, 2021.

Accessories

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

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

Catalog #	
PCK-6	Pre-moistened IPA Printhead Cleaning Swabs
148703	Field-replaceable Media Wiper Arm Pads
STYLUS-CAP	Stylus for use on touchscreen

Specifications

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 color capability	Color printing capability / single color	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)	4.015 in.				Print on demand	Yes
Maximum print label length (down-web)	5.0 ft.	Print roller replacement	Field replaceable (T10 wrench required)		Print pause	Yes
Print speed	up to 7 in. / sec - die cuts (300 dpi) up to 10 in. / sec - continuous (300 dpi) up to 3 in. / sec - die cuts (600 dpi) up to 5 in. / 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	Color LCD touchscreen	Display size (diagonal)	7.0 in.			
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	Bluetooth (wireless printer model only) Internal Bluetooth module (future functionality)
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/a/n	

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, triagle, 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-optimized 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 changover		Media roll o.d. (max)	4.30 in.	
		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)	0.25 in. to 4.25 in. (continuous linerless media) 0.25 in. to 4.015 in. (other media)		Label length (down-web)**	0.20 in. minimum (die-cut media), 0.50 in. minimum (continuous media)	
Media width (cross-web, including liner)	0.71 in. to 4.25 in.	Media thickness	0.0024 in. to 0.031 in. max (label media) 0.070 in. max (B-593 push-button media) 0.043 in. max (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)	200 ft.	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)	4.33 in.
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 (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, retrorreflective 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	
Physical / operational characteristics							
Dimensions	11.0 in. x 11.2 in. x 15.8 in.	Power consumption	20W standby / 80W operating / 200W max		Storage environment	-20 - 50°C / 15 - 90% RH non condensing	
Weight (without materials loaded)	31 lbs	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)		

*General volume levels for directional model comparison purposes only. Assumes basic text on 1"x2" 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.

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