Printer specifications

Model and another 15100 Industrial Label Printer Media alignment Center yusified User Interface: Display type Display yes Touchscreen color LCD Display yes Arabic (Egypt), Bulgarian, Chinese (simplified), Croatian, Creek, Hungarian, Italian, Korean, Lithuanian, Macaonian, Norwegan, Berlin, Persin, French, German, Greek, Hungarian, Italian, Korean, Lithuanian, Macaonian, Norwegan, Persin (Tersin), Persin, Stovenian, Spanis (Castlian), Spanis (Mexico Latin Amen), Swetish, Thai, Turkish Display status bar Brady mode or standard mode, ribbon and label part number installed, around 0 supples remaining, sensor activated, where to set sensor, coreoving data, record data stream, ribbon warning, Bluetochi, WLAN, Ethernet (JSB stave, time, presence of SD card and e00 cdp) Print resolution 300 dpl Otic capability Single print color Print color capability Single print color Print wethod Thermal transfer (300 dpl) Print width (max, cross-web) 4, 16 in. Print width (max, cross-web) 4, 16 in. Print width (cross-web) 0, 26 in status (width on ad label) Display status bar Team bar optional auto-cuter model Media during (cross-web) 4, 16 in. Print resolution 300 dpl Print sp	Model(s):	
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Arabic (Egynt), Bulgarian, Chinese (simplified), Creatian, Creach, Darish, Duck, English, Frinzh, French, German, Greek, Hungarian, Italian, Korean, Lithuanian, Macedonian, Norvegian, Persian (Farsi), Polish, Norvejusee, Romanian, Russian, Sarbian, Solvenian, Spanish (Maxico Latin Amer), Swedish, Thai, Turkish Display languages Brady mode or standard mode, ribbon and label part number installed, amount of supplies remaining, sensor activited, where to set sensor receiving data, record data stream, ribbon warning, Bluetooth, WLAN, Ethernet, USB slave, time, presence of SD card and USB stick. Print Head / Printing Characteristics: 300 dpi part number installed, amount of supplies remaining, sensor activited, where to set sensor receiving data, record data stream, ribbon warning, Bluetooth, WLAN, Ethernet, USB slave, time, presence of SD card and USB stick. Print resolution 800 dpi 00 dpi Print resolution 66 sit. Print speed Up to 11.8 insec (300 dpi) Print speed Up to 15.9 insec (600 dpi) Print length (max, down-web) 6.6 sit. Media Characteristics: 10-enabled supplies for Brady mode printing Media width (cross-web) 0.24 to 3.35 in. (continuous sleeves) inci liner) 0.020 in. maintinum (who backfeed) 0.020 in. maintinum (who backfeed) 0.120 in. maintinum (who backfeed) 0.024 in. to 0.029 in. (tabel materials) Label length (down-web)* 0.020 in. maintinum (who backfeed)<	Display size (diagonal)	
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Print resolution 300 dpi 600 dpi 700 dpi		part number installed, amount of supplies remaining, sensor activated, where to set sensor, receiving data, record data stream, ribbon warning, Bluetooth, WLAN, Ethernet, USB slave, time, presence of SD card and
Print resolution 600 dpi Print method Direct thermal (300 or 600 dpi) Print color capability Single print color Print speed Up to 11.8 in/sec (300 dpi) Print width (max, cross-web) 4.16 in. Print length (max, down-web) 6.6 ft. Media cout-off Tear bar, optional auto-cutter model Media cout-off Tear bar, optional auto-cutter model Media width (cross-web) 0.24 to 3.35 in. (continuous sleeves) Inclared 0.36 to 4.40 in. (other materials) Label width (cross-web) 0.20 to 4.33 in. Label width (cross-web) 0.20 in. minimum (who backfeed) 0.43 in. max (push button labels) 0.0724 in. no 0.029 in. (label materials) 0.43 in. max (push button labels) 0.043 in. max (push button labels) Media roll o.d. (max) 8.07 in. Media roll core i.d. n/a Internal rewind takeup roll ore i.d.	Print Head / Printing Characteristics:	
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Internal rewind takeup roll core i.d. n/a Internal rewind takeup roll winding n/a Die cut media, continuous media, 3 in. core roll-fed media, fanfolded media (external feed), tagstock liner-mounted, tagstock linerless, perforated materials, adhesive labels, heat-shrink sleeves size 125 and larger externally fed, self-laminating cable labels, raised panel push button labels (with no backfeed or autocut), rapido-style cable tags, Permashield style labels Media material types**** IP-enabled media and ribbon rolls (for Brady mode printing), PE (polyethylene), PET (polyester), PET Metallized, PU (polyurethane), PVC (vinyl), PVF (polyvinyl fluoride), PVDF (polyvinylidene fluoride), PVF (polyurethane (Heatex TM), raised panel push button material, paper, destructible materials, other materials not listed Media parts offering 2900+ stock parts and custom (made-to-spec) parts Ribbon Characteristics: Ribbon roll o.d. (max) 2.74 in. Ribbon roll core i.d. No core needed (IP-enabled supplies), otherwise 1.0" Ribbon roll core i.d. No core needed (IP-enabled supplies), otherwise 1.0" Ribbon roll core i.d. No core needed (IP-enabled supplies), otherwise 1.0" 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 and time (RTC) <td></td> <td>n/a</td>		n/a
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Media material types**** printing), PE (polyethylene), PET (polyester), PET Metallized, PU (polyurethane), PVC (vinyl), PVF (polypriyl fluoride), PVDF (polyvinyl idene fluoride), PP (polypropylene), PI (polyimide), polyamide, polyether polyurethane (Heatex***), raised panel push button material, paper, destructible materials, tamper-evident and tamper-resistant materials, other materials not listed Media parts offering 2900+ stock parts and custom (made-to-spec) parts Ribbon Characteristics: 7 Ribbon roll o.d. (max) 2.74 in. Ribbon roll core i.d. No core needed (IP-enabled supplies), otherwise 1.0* Ribbon roll core i.d. No core needed (IP-enabled supplies), otherwise 1.0* Ribbon roll core i.d. No core needed (IP-enabled supplies), otherwise 1.0* Ribbon roll core i.d. No core needed (IP-enabled supplies), otherwise 1.0* Ribbon sidth (cross-web)*** 1.0 to 4.49 in. Ink side Inside or outside wound Electronics: 9 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 and time (RTC)		Die cut media, continuous media, 3 in. core roll-fed media, fanfolded media (external feed), tagstock liner-mounted, tagstock linerless, perforated materials, adhesive labels, heat-shrink sleeves size 125 and larger (single sided), continuous sleeves size 125 and larger externally fed, self-laminating cable labels, raised panel push button labels (with no backfeed or autocut), rapido-style cable tags, Permashield style labels
Ribbon Characteristics: Ribbon length (max) 1000 ft. Ribbon roll o.d. (max) 2.74 in. Ribbon roll core i.d. No core needed (IP-enabled supplies), otherwise 1.0" Ribbon width (cross-web)*** 1.0 to 4.49 in. Ink side Inside or outside wound Electronics: Processor 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 and time (RTC)		printing), 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, destructible materials, tamper-evident and tamper-resistant materials, other materials not listed
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Data storage (IFFS) 50 MB SD card slot (SDHC, SDXC) 512 GB max Internal battery For internal date and time (RTC)		
SD card slot (SDHC, SDXC) 512 GB max Internal battery For internal date and time (RTC)		
Internal battery For internal date and time (RTC)		

Physical / Operational Characteristics:	
Dimensions (closed) ($h \times w \times d$)	12.5 in. x 9.5 in. x 17.1 in.
Weight (empty)	14.6 lbs
Power supply	100 - 240V AC, 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 -25 - 60°C / 20 - 85% RH non condensing
Transport environment 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)
Fonts and Graphics:	
Font types (resident)	6 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: 0.039 to 0.12 in. Zoom factor: settings 2 to 10 rotation: 0°, 90°, 180°, 270°
Font scaling (vector & truetype)	Width and height range: 0.35 to 5.04 in. Zoom factor: variable (dot-by-dot) rotation: 360° in steps of 1°
Character sets	Windows 1250 up to 1257, DOS 437,737,755,85 0,852,857,862,864,866,869, EBC DIC 500, ISO 8859-1 to-10 and -13 to -16, Win OEM 720, UTF8, Macintosh, Roman, DEC MCS, KO18-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/GS1-128, 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, GS1 Databar, Codablock F, Micro PDF 17, RSS 14 (truncated, limited, stacked, stacked omni-dir), EAN/GS1 DataMatrix
Barcode attributes	Sizing: variable in height, modular width and ratio Rotation: 0°, 90°, 180°, 270°
Interfaces and Connection: USB 2.0 hi-speed device port	For PC connect
	For scanner, keyboard, USB memory stick, USB
2 x USB host (back panel)	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)
Software and Firmware:	Brady Workstation (v4.1 or newer)
Label creation software	Brady Workstauor (v4.1 or newer) Brady LabelMark Software (v6.6.1 or newer)
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 and prompts onto the printer
Printer administration / monitoring	Web-based remote access - allows printer control, configuration, firmware updates, memory card admin and time/date synchronization, and will send printer status, and error messages to users
Open source software	Go to www.BradyID.com/i5100compliance 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	Optional auto cutter model

** User should test to the application. Print performance on small labels or a part that is below the minimum label dimension spec. is dependent on multiple factors, including print speed, qty in print run, heat setting and the size/layout of the printed elements.

*** Use narrow print roller with narrow media, but to avoid head damage, ALWAYS be sure roller is wider than total media width, and ribbon is wider than the roller width.

**** Windows® is a registered trademark of Microsoft Corporation.

