

Benchtop Printer Comparison Guide

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Use the following comparison guide to quickly see which benchtop printer best fits your application needs. Then turn to the printer section to find out more about the printer, compatible materials and ribbons.

Benchtop Printers

Benchtop Printer Comparison



**BBP®12
Label Printer**
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**BBP®33
Sign & Label Printer**
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**BBP®35 & BBP®37
Multi-Color Printers**
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Printer Specifications			
Description	Small, compact, economical entry level printer with high speed print and 300 dpi resolution.	PC-connect only printer with no calibration set-up, no material waste and 20-second supply changeovers. Revolutionary ease of use makes it ideal for training multiple users and saving wasted time and wasted material cost.	Facility, Safety and Lean 5S printer for walk up and print ease of use, fast supply changeovers, multicolor printing and ability to cut-out text and shapes (cut-outs enabled on BBP37 only). Best choice for "lean event" labeling situations and multiple user locations because it has a very approachable interface and very fast supply changeovers.
Applications & Other Comments	Lower volume applications requiring a small desktop footprint. Ideal for Laboratory ID, General ID, Wire and Cable ID, Lower volume electronics ID.	Low and mid-volume applications when frequent material change-overs are needed. The best solution for inexperienced users wanting easy training and multi-user scenarios. Full ranges of materials for cable and wire ID, facility & safety ID, Product ID & circuit board ID.	Facility & Safety ID, Signs, Pipe Markers, Lean/5S, Arc Flash Labels, GHS & Chemical Labels, Equipment Labels, Panel & Push Button Labels, Reflective & Glow in the Dark Labels, Tags, Magnetic, Cold-Temp Labeling. Cut-out Text with BBP37 only.
Typical Throughput & Operational Hours	1000 labels/day 8 hrs/5 days	3000 labels/day 8 hrs/5 days	3000 labels/day 8 hrs/5 days
Print Technology & Color Capabilities	Thermal Transfer and Direct Thermal; Monochrome	Thermal Transfer; Monochrome	Thermal Transfer; Multi-color
Print Resolution	300 dpi	300 dpi	300 dpi
Max Print Width	4.150"	4.000"	4.000"
Media Widths	0.79"-4.4"	0.500" to 4.250"	0.500" to 4.250"
Minimum Label Dim.	0.390"	0.250"	0.250"
Auto Cut-off	-	Yes	Yes. BBP37 also has XY Cutter.
PC Connect or Stand Alone Operation	PC Connect only	PC Connect only	Stand-alone or PC Connect
Ribbon & Material Installation	Labels: Loose roll, "thread-thru" required Ribbon: Loose roll, "thread-thru" required	Labels: Supplied in cartridge, drops into place, 15 sec changeover Ribbon: Supplied in cartridge, snaps into place, 5 sec changeover	Labels: Supplied in cartridge, drops into place, 15 sec changeover Ribbon: Supplied in cartridge, snaps into place, 5 sec changeover
Calibration Required	Yes	No (no wasted material)	No (no wasted material)
Label Creation & Set-up	Semi-automatic (select label part from software and label sets up)	Automatic (PC software reads data on chip and automatically sets up label size, color, fonts, etc.)	Automatic (PC software reads data on chip and automatically sets up label size, color, fonts, etc.)
Connectivity Options	Standard: Serial, Parallel, USB, Ethernet, USB host	Standard: USB, Ethernet Optional: WiFi, Bluetooth	Standard: USB, Ethernet
Compatible PC Software	Labelmark™ Software, Codesoft™ Software, Windows® based driver for 3rd party software use*	Brady Workstation Apps, Labelmark™ Software, MarkWare™ Software, Codesoft™ Software, Windows® based driver for 3rd party software use*	Brady Workstation Apps
Specialty Material Recommendations			
B-593 Raised Panel Material	Not Recommended	Yes	Yes
Nomex® Tags	Not Recommended	N/A	N/A
B-330 Polyolefin Heat Shrink Wrap	Not Recommended	N/A	N/A
PermaSleeve® PS & HT	Yes (black print only)	Yes (Recommended)	No
PermaSleeve® ZH	Not Recommended	N/A	No
PermaSleeve® HX	Yes (black print only)	Yes (Recommended)	No
Double-Sided PermaSleeve®	Yes (With 2-pass reinsert of media, black print only)	Yes (With 2-pass reinsert of media)	No
Outdoor Safety & Facility Labels	No	Yes (multiple materials)	Yes (multiple materials)
White Print Ribbon	Not Recommended	Yes (Recommended)	Yes (Recommended)

* Test 3rd party software integration for intended application prior to purchase.

** Performance dependent on label text and size of print run. Windows® is a registered trademark of Microsoft Corporation.

Nomex® is a registered trademark of DuPont.