BradyPrinter i5100 vs. i7100

Both of these Brady printers offer unique performance characteristics that could be useful for the intended application. Familiarise yourself with the key functional differences, so you know which one best fits the bill.

Key Features	i5100	i7100
Models / print resolution	Standard model - 100mm wide; center align (300 and 600 dpi)	Standard model - 100mm wide; center align (300 and 600 dpi)
Media alignment	Center aligned	Center aligned
Media loading	Top-load, **keyed supplies** for faster, easier **drop-in-style** set up, **no ribbon takeup core needed**	Side-load, axle-mount supply loading, **ribbon takeup core required**
Printing modes	Brady mode (use with IP-enabled materials for faster easier changeovers and auto-setup) Standard mode (traditional manual setup and adjustment steps)	Standard mode (traditional manual setup and adjustment steps)
Typical volume	5,000 labels/day, 8 hrs/day, 5 days/wk (assuming 1 x 50mm basic label)	**7,000+ labels/day,** 8 hrs/day, 7 days/wk (assuming 1 x 50mm basic label)
Display and user interface	110mm, 272 x 480 pixels, colour touchscreen, very easy interface to change settings	110mm, 480 x 272 pixels, colour touchscreen, very easy interface to change settings
Display content	Basic info + **part numbers installed, supply remaining, sensor in use, sensor setting** (in Brady Mode)	Basic printer status only
Print head wear	Hardened sharp-edge print head with narrow width interchangeable platen rollers to reduce wear; louder but longer life	Hardened sharp-edge print head with narrow width interchangeable platen rollers to reduce wear; louder but longer life
Narrow rollers	Easy to change, promoted for optimal print-head protection	Easy to change, promoted for optimal print-head protection
Print speed	50mm/sec (300 and 600 dpi) - in Brady mode up to 300mm/sec (300 dpi) - in standard mode up to 150mm/sec (600 dpi) - in standard mode	up to 300mm/sec (300 dpi) up to 150mm/sec (600 dpi)
Min. label dimension	5mm	3mm
Max. liner width	112mm	115mm
Max. print width	105mm	105mm
Media roll core	75mm core IP-enabled (for Brady mode use) 75-100mm core (for standard mode	38mm - 100mm core
Ribbon roll O.D.	68mm O.D. **IP-enabled ribbon** (for Brady mode use)	68mm O.D. (300m max length) larger ribbon o.d. not recommended
Processor 32 bit clock rate	800 MHz to be faster and avoid buffer overloads	800 MHz to be faster and avoid buffer overloads
Memory	256 MB	256 MB
Connectivity ports and options	standard: **2 x USB,** Ethernet 10/100 BASE-T, RS232C, SD card slot, 1xUSB 2.0 Hi-speed port for PC optional: USB WLAN stick, USB Bluetooth adapter stick	standard: **4 x USB,** Ethernet 10/100 BASE-T, RS232C, SD card slot, 1xUSB 2.0 Hi-speed port for PC, optional: USB WLAN stick, USB Bluetooth adapter stick,
Software compatibility	LabelMark (v6.6.1 or newer), Brady Workstation (v4.1 or newer), CodeSoft Win driver, 3rd party Windows® based software, direct-to-printer scripting	LabelMark (v6.5.0.9 or newer), Brady Workstation (v4.0 or newer), CodeSoft Win driver, 3rd party Windows® based software, direct-to-printer scripting
Accessories	Spare IP-enabled roll holder, spare Brady ribbon takeup spindle, PCK-6 cleaning swabs, narrow-width rollers, WLAN and Bluetooth sticks	Auto-cutters, 100 mm roll adapter, PCK-6 cleaning swabs, narrow-width rollers, WLAN and Bluetooth sticks
Key material types	Die-cut media, continuous media, fanfolded media, tagstock liner-mounted, tagstock linerless, perforated materials, adhesive labels, heat-shrink sleeves **size 125** and larger (single sided), continuous sleeves **size 125** and larger, self-lam cable labels, raised panel push button labels **(with no backfeed or autocut),** rapido-style cable tags, Permashield style labels	Die-cut media, continuous media, fanfolded media (external feed), tagstock liner-mounted, tagstock linerless, perforated materials, adhesive labels, heat-shrink sleeves **size 094** and larger (single sided and double sided with re-insert), continuous sleeves **size 094** and larger, self-lam cable labels, **zip-tie cable tags,** raised panel push button labels, **Durasleeve® wire inserts,** rapido-style cable tags, **white print applications,** Permashield style labels, **Nomex® cable tags** (Nomex is a registered trademark of DuPont)
Size (H x W x D)	317mm x 240mm x 430mm	290mm x 250mm x 460mm
Weight	6.6kg	10kg