

AL 1865R Laser Printer

Continuous Feed Laser Printer

Industry Applications: Price Labels | Apparel Tags | EAS Tags & Labels | Multipart Forms | Routing Labels
Mailing Labels | Chesire Mailing Labels | Report Printing



Streamlined Features

- Paper auto loading
- No paper loss operation
- Toner refilling during operation
- No warm-up time for immediate first print
- Image position adjustment on the fly
- Print data buffer to print files up to 64 GB
- Duplex printing by means of a AL 100R tandem combination
- Flash fusing to accommodate a wide variety of media including RFID labels
- Backlit colour graphics touch screen for easy user interface and operation

Fast, Accurate and Reliable Flash Fusion Printer Delivers High Quality on a Wide Array of Media.

The AL 100R is a high-performance laser imaging system offering superior print quality, high printing speeds, flexible paper handling, and ease of use. It is specifically designed to deliver excellent variable-data printing on custom tags, labels and forms.

Loading paper is as simple as setting the forms on the wide-web tractor feed and pressing a button. The tractor handles forms up to 18" in width and the unit has a print width of 17" – enabling it to print on two letter-size forms simultaneously and deliver up to 100-page per minute speeds.

The AL 100R printer employs Variable Printing Resolution technology, allowing it to shift on demand among five dpi levels – 240, 300, 400, 480 and 600 – to match your label or form requirements. A straight paper path gives the AL 100R greater handling flexibility: it accepts heavy tag stock – up to 20 mil thick – and ultra-thin labels without tearing or peeling.

The AL 100R has the ability to print customized data on Radio Frequency Electronic Article Surveillance (RF-EAS) tags and labels – with no risk of deactivation. With flash fusion technology, fuser pressure is eliminated and adjustable heat settings ensure that no melted adhesive drips into the printer. A clean printer means less downtime and more productivity.



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SPECIFICATIONS AL 100R Laser Printer

Engine Characteristics	
Print system	Electrophotographic
Imaging process	Laser
Warm up time	Max. 45 s
Time to first page	Max. 3 s
Print resolution	240/300/400/480/600 dpi
Print speed	94 pages A4 in 2-up mode or 3,300 lines per minutes at 6 LPI or 46 feet per minute
Developing method	Two component dry toner
OPC life time	880,000 pages A4 in 2-up mode
Toner life time	74,000 pages A4 at 5% coverage
Black to white ratio	Max. 20%
Image density	From 0.8 to 1.2, selectable in 0.1steps
Fusing method	Flash fusing, intensity adjustable
Paper feed	Tractor pin feed for continuous forms
Paper type	Fanfold paper or paper roll (roll unwinder and rewinder from third party)
Duplex	Option, AL 100R tandem combination
Paper Hopper	Max. paper stack height 296 mm
Paper Stacker	Max. stacking height 296 mm, removable stacker tray
Paper Characteristics	
Form width	152.4 mm to 57.2 mm (6 inch to 18 inches)
Form length	127 mm to 609.6 mm (5 inch to 24 inches)
Print width	Max. 431.8 mm (max. 17 inches)
Print length	Max. 609.6 mm (max. 24 inches)
Paper thickness	0.075 mm to 0.28 mm (3 mil to 11 mil)
Paper weight	60 g/m ² to 216 g/m ² (52 kg to 186 kg)
Reliability	
Monthly duty cycle	Max. 800k pages A4 in 2-up mode
MTBF	1,800 h
MTTR	Less than 30 minutes
Mechanical engine life	Max. 28,000 k pages A4 in 2-up mode or 5 years, whichever comes first
Controller Characteristics	
Printer language	Postscript level 3, PCL XL, IPDS from third party
Resident Fonts	35 standard PS fonts, 80 standard True Type fonts
Font size	Scalable
Interface	TCP/IP
Ram standard	1 GB
Hard disk	160 GB
Control Panel	Backlit colour graphics touch screen
Browser	Web based printer management tools
Electrical, Environmental and Physical Characteristics	
Voltage	Auto switching: 200V ~ 240V, 50 ~ 60 Hz
Power	Consumption Max. 4 kW
Current	Max. 20 A
Heat emission	Standby: 578 BTU/h, printing: 8560 BTU/h
Noise	Standby: less than 50 dB, printing: 62 dB
Temperature	Operation: 10°C ~ 35°C (50°F ~ 95°F) Storage: -20°C ~ 50°C (-4°F ~ 122°F)
Humidity	Operation: 15 ~ 85% relative humidity, non condensing Storage: 10 ~ 90% relative humidity, non condensing
Dimensions and Weight	Length: 940 mm (37") Height: 1,185 mm (47") Width: 720 mm (28") without stacker Weight: 260 Kg (570 lbs), excluding consumables
Regulations	
Conformity & approvals	CE & UL, FCC, CSA
Options	
Field add-ons	Paper burster Power Stacker for paper thinner than 0.10 mm (4 mil) or paper less than 80 g/m ² Turn-bar for vertical operation Turn-bar for horizontal operation

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