ALF14 Label Feeder

Cost-effective traceability automation

Fast, efficient and easy to use, the ALF14 label Feeder offers automated label application at affordable prices. Labels are simply treated like any other component and placed with the accuracy of your pick and place machine. Its compact and durable design allows for flexibility and simplicity, bringing automated traceability within everyone's reach.

ALF14 Label Feeder Benefits:

Fast & Efficient

- Easy label loading, machine loading and set up saves time
- Fast sensing and dispensing that keeps up with your pick and place machine
- Automates SMT Line traceability at a low cost

Flexible

- One model suitable for a wide range of label sizes
- Adjustable liner width allows for liner variance and avoids downtime
- Modular system, no need to replace the entire feeder if you change your pick and place machine

Engineering simplicity

- Compact size, requiring only limited feeder space
- Simple, robust design with great durability keeps your lines running
- Signal interface allows for easy machine compatibility

Label Supply: UltraTemp™ Series High Heat Labels

Coupled with Brady's UltraTemp traceability labels, the ALF14 Label Feeder enables durable and reliable printed circuit board traceability. Ultratemp labels resist extreme temperatures and harsh chemicals and are designed specifically for use in SMT lines. Flat and rigid, Ultratemp labels can be placed with high accuracy and speed, and they stay attached and remain legible throughout the production process.

Technical Specifications

ALF14-25 Features	
Weight	460 gr
Dimensions	115 x 43 x 54 mm
Height of pickup position	50 mm
Chopping time	0,25s for 6,35 mm x 6,35 mm label
Conformity	RoHs, CE
Voltage	24V
Power Consumption	max 24W
Current Consumption	max 1A
Power Supply Options	Main supply wall plug charger, Machine cable (Eurplacer, Fritsch, Juki, Siemens, Yamaha)
Connector	9 pin SUB-D Male

Compatible Pick & Place Systems	
Siemens ASM Siplace Series	Juki Series 2000
Europlacer	MyData
Fritsch	Samsung SM Series
Fuji NXT	Yamaha
Heeb innotec	Assembléon
Hitachi	Others pending

Signal Interface
Label Feed Request
Label ready
Error

Label Specifications	
Minimum Label Size	4 mm x 4 mm
Maximum Label Size	23 mm x 23 mm
Maximum Liner Width	26 mm
Label Conveying Speed	10 - 200 mm/s
Label Positioning Frequency	up to 6 labels/second (depends on label size)

UltraTemp™ Series
High Heat Labels
- SURVIVES HIGH HEAT (260°C) AND HARSH CHEMICALS
- PERFORMS IN REFLOW, WAVE SOLDER AND BOARD WASHING
- ESD AND AUTO-APPLY EQUIPMENT AVAILABLE

B#	Base material	Colour	Finish	Adhesiv	Thickness* (µm)	UL Recognised	Application	Solvent	Fuel/Oil	Abrasion	High Heat	Low Temp	Removable	Electrostatic Dissipative
B-436	Polyimide	Amber	Matt	Removable	104		Printed Circuit Board and Component process labelling, cleanly removable	✓	✓	✓	✓	✓	✓	
B-717	Polyimide	White	Gloss	Permanent	106	✓	Printed Circuit Board and Component process labelling, static dissipative adhesive	✓		✓	✓	✓		✓
B-718	Polyimide	White	Gloss	Permanent	84	✓	Printed Circuit Board and Component process labelling, static dissipative adhesive	✓		✓	✓	✓		✓
B-719	Polyimide	White	Matt	Permanent	84	✓	Printed Circuit Board and Component process labelling, static dissipative adhesive	✓		✓	✓	✓		✓
B-724	Polyimide	Amber	Matt	Permanent	111		Printed Circuit Board and Component process labelling	✓	✓	✓	✓	✓		
B-727	Polyimide	White	Gloss	Permanent	111	✓	Printed Circuit Board and Component process labelling	✓		✓	✓	✓		
B-728	Polyimide	White	Matt	Permanent	111	✓	Printed Circuit Board and Component process labelling	✓		✓	✓	✓		
B-729	Polyimide	White	Matt	Permanent	86	✓	Printed Circuit Board and Component process labelling	✓		✓	✓	✓		
B-776	Polyimide	Green	Gloss	Permanent	111	✓	Printed Circuit Board and Component process labelling	✓		✓	✓	✓		

*Thickness excluding liner

Pre-printed / Print on-site
Brady supplies pre-printed labels according to your specifications ready for use in the ALF Label Feeder
Brady supplies blank labels and DIY printing solutions that can be coupled with the ALF Feeder for complete on-site traceability solutions

Brady EMEA Locations

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Denmark	+45 66 14 44 00	Russia	+7 495 225 93 62
France	+33 (0) 3 20 76 94 48	Spain & Portugal	+34 900 902 993
Germany	+49 (0) 6103 7598 660	Sweden	+46 (0)8 505 988 31
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Your Brady Distributor

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