

Matthews Evolabel



PRINT AND
APPLY SYSTEMS

Simplicity through technology

- More uptime and quicker changeovers
- Compact system with a smaller footprint
- Savings on reduced factory air requirements
- Simplicity of design for ease of use and maintenance



Developed with user friendliness as the focal point, the Matthews Evolabel Series is compact, simple to operate and easy to maintain.

For optimal functionality and user friendliness, Matthews Evolabel design the printers and applicators as one system.

Easy to operate: On board software available via web browser

- The colour touch screen and on board software makes printer control and message editing simple and easy.
- Alarms such as "paper low" and faults such as "paper out" are clearly displayed for the user to take action.
- A lot of room around the label path makes changing label and ribbon easy.
- Clean and straight forward label path makes label changing intuitive.
- The divided media sensor and uniquely designed air nozzle eliminates errors.

Easy to maintain: Self-service to change the wearable parts in less than a minute

- The print head opens widely and the applicator automatically folds away, making it easy to replace and clean the print head.
- Thanks to a magnetic holder, the print head is easy to remove without tools.
- There is no power to the print head when not printing, eliminating the risk of damaging the print head if not turning off the power.
- The print roller and driving belt are easy to replace without any tools.
- The printer can be controlled through a web browser and trouble shooting is effective with all events stored in the printer.

Robust: Compact design & build

- The printer frame is welded together and machined as one piece, eliminating mechanical adjustments.
- Matthews Evolabel is only using sealed ball-bearings giving maximum life time also in rough environments.
- There are no mechanical friction clutches, instead an intelligently controlled brushless DC motor ensures correct force in the backing paper.

Easy to integrate: Mobile equipment with on board software

- The open and defined Matthews Evolabel communication protocol "ACP" allows external software programs to externally control the Matthews Evolabel print & apply system.
- All printer & applicator settings can be set externally using the web browser.



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Technical Specifications Matthews Evolabel

Printer Model	D43	T43	T63
Printing technology	D43 uses Direct thermal technology "DT" requiring only one media type, making it the easiest technology to use. Direct thermal labels are commonly used in the food industry and for applications where there are no extreme demands on long storage.	T43 uses Thermal transfer technology "TT" (can also handle direct thermal). The thermal transfer technology is often used in applications where the labelled product has long life time, is stored long time or exposed to tough handling. Examples are pharmaceutical, car industry and other non-food production. The Matthews Evolabel T43 printer has excellent barcode readability also after long storage.	T63 uses Thermal transfer technology "TT" (can also handle direct thermal). The Matthews Evolabel T63 printer is suitable for pallet and box labelling, where large labels carrying a lot of data often are used. The solid aluminium chassis is machined as one piece for perfect alignment of the wide label and transfer rollers, print head etc. This eliminates the need for any mechanical adjustments and secure high quality printing over time.
Label size (WxL)	20x20 to 118x240 mm	20x20 to 118x240 mm	80x20 to 178x240 mm
Max print width / Max media width	104 mm / 120 mm	104 mm / 120 mm	158 mm / 180 mm
Applicator types	Blow, Blow Vac, Pluck, Belt, Tamp, Wipe, Wipe Large	Blow Vac, Belt, Tamp, Wipe, Wipe Large	Blow Vac, Tamp, Wipe Large, Pallet
Resolution	300 dpi		
Max print speed	160 mm/s standard, 300 mm/s option	160 mm/s	160 mm/s
Fonts / Barcodes / 2D codes	Truetype Unicode / EAN-13, EAN-8, GS1-128 / QR code		
Dimensions LxWxH (excl. applicator)	440x360x425 mm	440x360x485 mm	440x420x485 mm
Label roll outer diameter (max)	300 mm		
Label roll core diameter	76 mm		
Label roll winding	Labels on the outside of the roll		
Thermal transfer ribbon length	N/A	560 m	
Ribbon roll core diameter	N/A	25 mm	
Communication	Ethernet/LAN, USB, CANopen, RS-232		
Operating temperature / Humidity	+5°C to +40°C / 20 to 85%, non-condensing		
Mains supply	110/240 VAC, 50/60 Hz		
Air supply	6 bar, clean and dry		



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