Collamat® S 100

Labelling Your Product - Our Competence.

Swiss Modular Labellers 🇨🇭

Collamat®

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If higher speeds are demanded - Collamat® S 100 is your solution.

With its easy operation, unique modular design and compact size, Collamat® S 100 is designed to be used on faster lines – with speeds up to 100 m/min. The intuitive menu guide of the control panel and the possibility to store up to 99 various programmes make Collamat® S 100 very easy to handle. Demands for precise, quality labelling will be best fulfilled with the Collamat® S 100. The powerful micro step motor drive allows for high precision labelling and the high resolution encoder ensures the best possible labelling accuracy on lines with variable speed. The Collamat® S 100 high-speed labeller can operate in several modes – as a single labeller, in a Tandem (alternating with another Collamat® S 100 in order to increase the productivity, etc.) and in a Non-Stop mode, where both labellers are connected to one another and automatically change-over from one labeller to the other (in case of label-end, liner break, error, etc.).
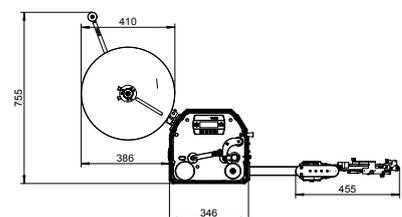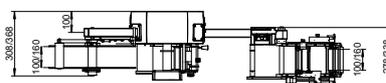
FEATURES

- **Space-saving and Flexibility** – The complete electronics is integrated in the body of the traction unit. The compact size of the labeler makes its integration into production lines very easy.
- **Modularity** - The modular design allows integration (also at a later point) of external devices like printers, scanners, black mark readers, etc.
- **Reliability** – With 80 % more labels on a 400 mm label roll compared to a 300 mm roll and the advanced "end of label" warning system, Collamat® S 100 needs less operator attention. Thanks to the very light and stable housing of cast aluminum, optimized by finite element method, the unwider of Collamat® S 100 can cope with roll diameters of 400 mm with label width up to 250 mm and weight up to 35 Kg.
- **Easy operation** – Place the roll, thread the web and start labelling! No additional adjustments necessary!
- **Self-teaching label scanner** – The optical label scanner has a self-teaching function and continuously readjusts its settings to the environmental light, label transparency variations, etc. With the height and position adjustment of the scanner, thick labels like Piggyback, Pocket labels, etc., can also be used.
- **Secure production** – Saving up to 99 different labelling programs. Password level protection.

TECHNICAL DATA

Operational speed	3 – 100 m/min (9.8 – 328 ft / min)
Operational width	100 mm (4") - 250 mm (9 7/8")
Labelling accuracy	± 0.5 mm (0.02")
Min. label length	10 mm (0.4")
Max. label reel diameter	410 mm (16") or 350 mm (13 ¾")
Connectivity	Outputs: Signals for printer and error, PLC (Run/Warning/Error), Signal lamps, Non-Stop (with 2 labellers), etc. Inputs: High resolution incremental encoder, goods scanner, near end of label detection, start/stop (active/non-active), Ethernet, etc.
Settings	By control panel
Drive	2-phase stepper motor, driven by microsteps
Control	Microprocessor
Voltage	115 / 230 V; 60 / 50 Hz; 460 VA
Feed button	For manual label dispensing, i.e. threading the label web.
Applicators	Spring loaded flap (with or without magnet) or fixed applicator
Version	Right or left
Options	Side labeling kit, extended peel plate, different pressure devices, label near end detection, etc.
Approbation	CE

All data are indicative and may be subject to alteration

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