Productline overview

Labelling Your Product - Our Competence.

Swiss Modular Labellers 🇨🇭

Collamat®

"Quality and precision
- the Collamat® tradition followed
through the decades and we care
every day by doing our best

Collamat®

Professional labelling solutions. Quality and reliability.

Collamat® is focused on providing labelling solutions with simple constructions, easy handling and professional design.

Quality means reliability.
Collamat® has been producing labelling machines since 1958. We have sold over 80,000 machines and solutions in over 40 different countries. This was made possible by putting quality first and because total reliability is what our customers want from our machines and solutions.

Close to the customer, close to the market.
We want to be close to our customers and the market. Close to the customer to ensure we provide the quality and service they expect. Close to the market to keep up to date with the new requirements and expectations.

A cohesive value chain means reliable delivery.
By bringing R&D, production, service and sales under one roof in Switzerland, we have control over the entire value chain. What that means for our customers is that we can guarantee quality, delivery on time and the level of service expected.

Sales throughout the world.
We have successfully been represented on the world market since 1960. This has been possible because we listen, and use the inspiration and know-how a worldwide network can give to develop our products and organisation.

Swiss Modular Labellers 🇨🇭

Collamat® S 50

Collamat®

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 50 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 50 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 – 50 m/min (9.8 – 164 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 Inputs: Incremental encoder, goods scanner, end of label detection, etc
Settings	By control panel
Drive	2-phase stepper motor
Control	Microprocessor
Voltage	115 / 230 V; 60 / 50 Hz; 138 VA
Feed button	For manual label dispensing, i.e. threading the label web.
Applicators	Spring loaded flap or fixed applicator
Version	Right or left
Options	Side labeling kit, extended peel plate, pressure brushes, label end detection, etc.
Approbation	CE

All data are indicative and may be subject to alteration

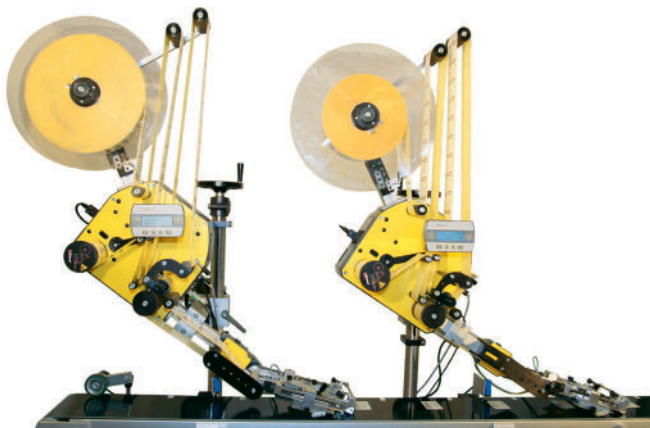# Collamat® S 100

Collamat®

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 Inputs: Incremental encoder, goods scanner, end of label detection, etc
Settings	By control panel
Drive	2-phase stepper motor
Control	Microprocessor
Voltage	115 / 230 V; 60 / 50 Hz; 138 VA
Feed button	For manual label dispensing, i.e. threading the label web.
Applicators	Spring loaded flap or fixed applicator
Version	Right or left
Options	Side labeling kit, extended peel plate, pressure brushes, label end detection, etc.
Approbation	CE
All data are indicative and may be subject to alteration	

Swiss Modular Labellers

Collamat® S 300

Collamat®

FEATURES

Space saving and flexibility – The complete electronics and the motorised re-winder are integrated in the body of the traction unit. The compact size of the labeller makes the integration in a production line very easy. The modular design allows integration (also at a later point) of external devices like printers, scanners, black mark readers, etc

High Quality – The wear is reduced to a minimum. The stepper motor drive and the motorised re-winder need little maintenance. All bodies are made of die casted Aluminium for maximal stability and to avoid electromagnetic disturbances

Dual core processor – The fast processor makes the exact calculation of all parameters, for each label, in real time

Adjustable ramps – All ramp parameters of the motor are adjustable in order to adapt the acceleration to the different label qualities. The programmable ramps and the special label applicator reduce the risk of liner break to an absolute minimum

Self-teach label scanner – The optical label scanner has a self-teaching function and adapts itself continuously to the environmental light, label transparency variations, etc
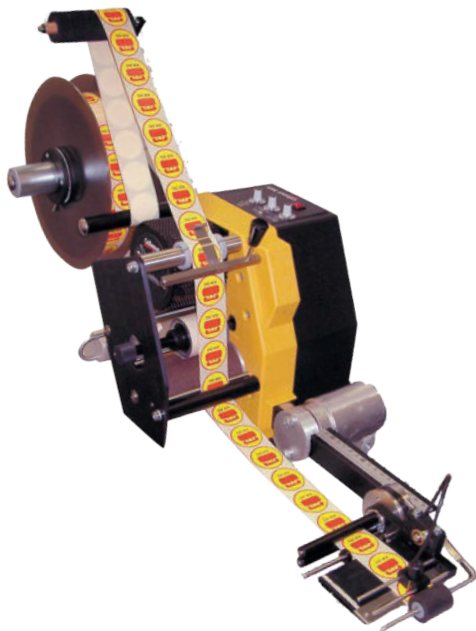
Swiss Quality – Collamat® S 300 ensures constant labelling quality for years

TECHNICAL DATA

Operational speed	0 – 300 m/min (0 – 1000 ft/min)
Productivity	60'000 labels/hour (or 120'000 labels/hour in Tandem mode) depending on the label length
Label width	25 – 95 mm (1 - 3 ¾")
Label length	25 – 100 mm (1 - 4")
Labelling accuracy	+/- 1.5 mm (1/16") at 150 m/min (500 ft/min) depending on the label specification
Label reel	Max. outer diameter: 350 mm (13 ¾") or 400 mm (15 ¾") Core diameter: 75 mm (3")
Connectivity	Outputs: Signals for printers, PLC (run / warning / error), Lamps (red / orange / green), Non-Stop / Tandem mode (with 2 labellers), etc. Inputs: Product scanner (black mark reader), High definition encoder, Start / stop (enable / disable), Label low detection, Ethernet
Settings	Adjustable via keyboard and display (Control panel)
Operation modes	Mono / Tandem (with 2 labellers) / Non Stop (with 2 labellers)
Drive	2-phases, micro steps, stepper motor
Control	Dual core microprocessor
Power requirements	115 / 230 V; 60 / 50 Hz; 460 VA each labeller 6 bar air pressure
Applicator	High Speed applicator with spring loaded pinch roller, including optical label scanner with self-teaching function
Version	Right or Left
Options	Mechanical label scanner for transparent labels Splicer / external un-winder - Suction unit for waste liner
Approbation	CE

All data are indicative and may be subject to alteration

Collamat® C 2600

Collamat®

FEATURES

Compact design – Minimal space required. Ideal to fit into existing production lines.
Flexibility – For top-, bottom- and side application.
Easy handling – Fast set-up and short change-over times.
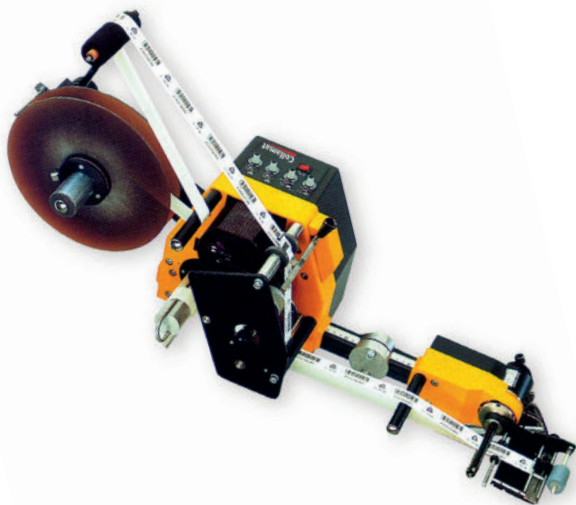**Profitability** – Low cost makes small series and promotional labelling attractive.
Simple operation – 3 potentiometers.

TECHNICAL DATA

Operational speed	3-15 m/min (9.8-49 ft/min.)
Operational width	95 mm - Max 3 ¾"
Labelling accuracy	± 1 mm (1/32")
Min. label length	10 mm (3/8")
Settings	By potentiometers
Module rail	500 mm (19 5/8")
Max label reel diameter	250 mm (9 7/8")
Rewinder	Integrated in the traction unit
Applicator	Spring loaded pinch roller and fixed applicator
Version	Left or right
Options	Side labelling kit
Approbation	CE

All data are indicative and may be subject to alteration

Swiss Modular Labellers

Collamat® C 4300

Collamat®

FEATURES

Flexibility – Wide application range thanks to the availability of various applicators for specific products; a spring loaded flap applicator for pass-through labelling of uneven products; flap applicator with magnet for pass-through labelling in small cavities or of light products; blow-on for labelling without contact with the product; tamp-on for stand-still labelling or labelling in cavities.

Collamat® design – Electronics, drive unit, backing paper re-winder and control panel integrated in one, space-saving unit.

Modularity –The Collamat® well-known module rail design facilitates the installation of printers, scanners or other devices. Easy adaptation to new applications. Fast change-over times.

Easy operation – Settings can easily be changed by four potentiometers.

Fast set up – Set the label scanner, pre-dispensing, label position and application speed – and you are ready to work.

TECHNICAL DATA

Operational speed	1 – 25 m/min (3.3 – 82 ft / min)
Operational width	95 mm (3 ¾″) or 160 mm (6 ¼″)
Labelling accuracy	± 1 mm (1/32″)
Min. label length	10 mm (3/8″)
Max. label reel diameter	250 mm (9 7/8″) or 350 mm (13 ¾″)
Connectivity	Outputs: Signals for printer and error Inputs: Goods scanner and end of label detection
Settings	By potentiometers
Drive	2-phase stepper motor
Control	Microprocessor
Voltage	115 / 230 V; 60 / 50 Hz; 138 VA Feed button for manual label dispensing, i.e. threading the label web
Applicators	Spring loaded flap, flap with magnet, blow-on, tamp-on
Version	Right or left
Options	Side labelling kit, extended peel plate, pressure brushes, label end detection, digital control box, etc.
Approbation	CE

All data are indicative and may be subject to alteration

Swiss Modular Labellers

Collamat® C 6600

Collamat®

FEATURES

Flexibility – Wide application range thanks to the availability of various applicators for specific products; a spring loaded flap applicator for pass-through labeling of uneven products; flap applicator with magnet for pass-through labeling in small cavities or of light products; blow-on for labeling without contact with the product; tamp-on for stand-still labeling or labeling in cavities.

Collamat® design – Electronics, drive unit, backing paper re-winder and control panel integrated in one, space-saving unit.

Modularity –The ingenious Collamat® module rail design facilitates the installation of printers, scanners or other devices. Flexibility and easy adaptation to new applications. Fast change-over times.

Easy operation – Settings can easily be changed by 4 potentiometers. Features label delay function – great for over-the-edge application without stopping the product flow.

Secure production – Saving the application parameters' settings through the Data-hold button.
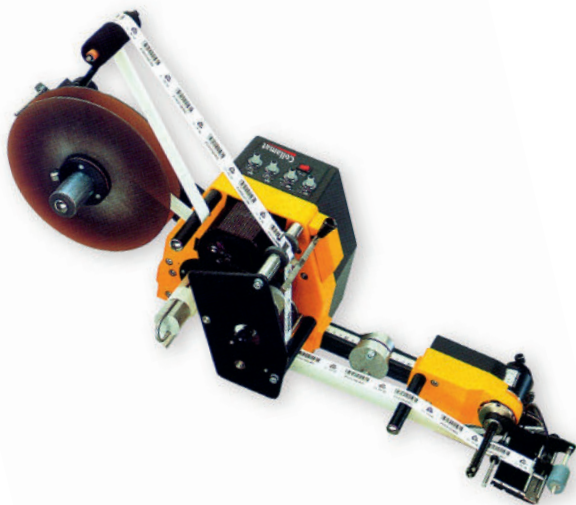
Fast set up – Set the label scanner, pre-dispensing, label position and application speed – and you are ready to work.

TECHNICAL DATA

Operational speed	3 – 30 m/min (9,8-98 ft/min)
Max. label width	95 mm (3 3/4") or 160 mm (6 1/4")
Labelling accuracy	± 1 mm (1/32")
Min. label length	10 mm (3/8")
Max label reel diameter	250 mm (9 7/8") or 350 mm (13 3/4")
Connectivity	Outputs: Signals for printer and error Inputs: Incremental encoder, goods scanner, end of label detection
Settings	By potentiometers
Drive	2-phase stepper motor
Control	Microprocessor
Voltage	115 / 230 V; 60 / 50 Hz; 138 VA Data hold switch for saving the labeling parameters
Applicators	Spring loaded flap, flap with magnet, blow-on, tamp-on
Version	Right or left
Options	Side labeling kit, extended peel plate, pressure brushes, label end detection, digital control box, etc.
Approbation	CE

All data are indicative and may be subject to alteration

Swiss Modular Labellers 🇨🇭

Collamat® C 7300

Collamat®

FEATURES

Flexibility – Wide application range thanks to the availability of various applicators for specific products; a spring loaded flap applicator for pass-through labelling of uneven products; a flap applicator with magnet for pass-through labelling in small cavities or of light products; a blow-on for labelling without contact with the product; a tampon for stand-still labelling or labelling in cavities.

Collamat® design – Electronics, drive unit, backing paper re-winder and control panel integrated in one, space-saving unit.

Modularity – The Collamat® well-known module rail design facilitates the installation of printers, scanners or other devices. Easy adaptation to new applications. Fast change-over times.

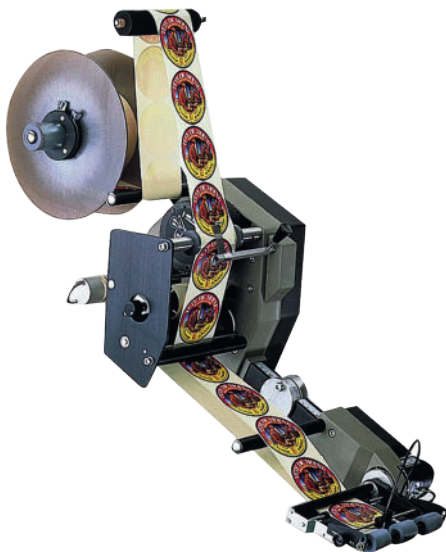**Easy operation** – Settings can easily be changed by four potentiometers.

Fast set up – Set the label scanner, pre-dispensing, label position and application speed – and you are ready to work.

TECHNICAL DATA

Operational speed	1 – 50 m/min (3.3 - 164 ft/min)
Max. label width	95 mm (3 3/4") or 160 mm (6 1/4")
Labelling accuracy	± 1 mm (1/32")
Min. label length	10 mm (3/8")
Max label reel diameter	250 mm (9 7/8") or 350 mm (13 3/4")
Connectivity	Outputs: Signals for printer and error Inputs: Goods scanner and end of label detection
Settings	By potentiometers
Drive	2-phase stepper motor
Control	Microprocessor
Voltage	115 / 230 V; 60 / 50 Hz; 198 VA Feed button for manual label dispensing, i.e. threading the label web
Applicators	Spring loaded flap, flap with magnet, blow-on, tamp-on
Version	Right or left
Options	Side labelling kit, extended peel plate, pressure brushes, label end detection, digital control box, etc.
Approbation	CE

All data are indicative and may be subject to alteration

Swiss Modular Labellers 🇨🇭

Collamat® C 8600

Collamat®

FEATURES

Speed synchronisation – Automatic continuous adjustment to the actual line speed by encoder.

Zero down time – Two units operating in the non-stop mode guarantee you continuous production flow with minimal manpower.

User-friendly – With the intuitive menu structure the handling is safe and simple.

Memory – The capability to store 32 programs enables quick and reliable product change-over.

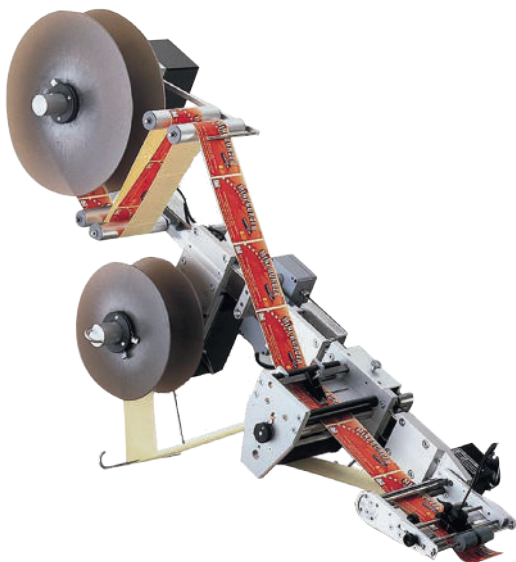**Precise labelling** – Constant stop resolution over the whole speed range.

Monitoring – Current application data and error messages can be observed by the operator on the monitor's display or read out on a PC.

TECHNICAL DATA

Operational speed	1-50 m/min. (3.3-164 ft/min.)
Max. label width	95 mm (3 3/4") or 160 mm (6 1/4")
Labelling accuracy	± 1 mm (1/32")
Max label reel diameter	250 mm (9 7/8") or 350 mm (13 3/4")
Connectivity	Outputs: Signals for printer and error Inputs: Goods scanner, encoder, end of label detection
Settings	By a seperate control box
Drive	3 phase stepper motor
Control	Microprocessor
Voltage	115 / 230 v, 60/50 HZ, 198 VA
Applicators	Spring loaded flap, flap with magnet, blow-on, tamp-on, fixed
Version	Left / right
Options	Side labelling kit, extended peel plate, pressure brush/rollers/ fingers, label end detection, etc.
Approbation	CE
All data are indicative and may be subject to alteration	

Swiss Modular Labellers

Collamat® C 9100

Collamat®

FEATURES

Robust design – For stability under rough conditions.

High speed – The system is capable to follow your production up to speeds of 100 m/min.

Flexibility – Due to the modular design the system can be assembled or reconfi gured into any production line also where space is a problem.

Large labels – Label rolls up to 400 mm and up to 250 mm width make restriction of size no issue.

Independent – Encoder speed adaptation and non-stop confi guration offers you highest possible availability with minimal manpower.

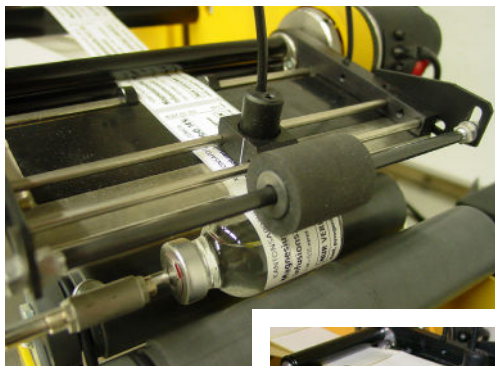**User-friendly** – With the intuitive menu structure the operating of the labeller is easiest possible.

Swiss design – Minimal wear and tear ensuring reliable and consistent labelling accuracy.

TECHNICAL DATA

Dispensing speed	100 m (328 ft) / 60 m (197 ft) / 40 m (131ft)
Passing width of label web	95 mm (3/4") / 160 mm (6 1/4") / 250 mm (7")
Labelling accuracy	± 1 mm (1/32")
Label reel	Max outer diameter 350 mm (13 3/4")
Drive	3 phase-stepper motor
Control unit	Micro-processor control unit, SMD-technology, non stop labelling, 32 label programs, service functions, profiling, multiple labelling
Power supply	110-240 V / 50-60 Hz / 480 VA
Approbation	CE
All data are indicative and may be subject to alteration	

Swiss Modular Labellers

Collamat® CP 21 -
C 2600 ECO

Collamat®

FEATURES

Flexibility – Wide product size range thanks to the adjustable rollers.

Collamat® design – Electronics, drive unit, backing paper re-winder and control panel integrated in one, space-saving unit.

Modularity –The Collamat® famous module rail design facilitates the installation of printers, scanners or other devices. Easy adaptation to new applications. Short change-over times.

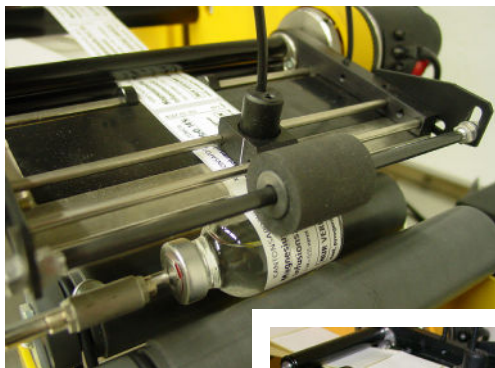**Easy operation** – Settings can easily be changed by 3 potentiometers.

Fast set up – Set the label scanner, pre-dispensing and application speed – and you are ready to work.

TECHNICAL DATA

Operational speed	3 – 14 m/min (9.8 – 46 ft / min)
Operational width	95 mm (3 3/4″)
Labelling accuracy	± 1 mm (1/32″)
Min. label length	10 mm (3/8″)
Max. label reel diameter	250 mm (9 7/8″) or 350 mm (13 3/4″) Min product diameter – 10 mm (3/8″) Max product diameter – 120 mm (4 3/4″)
Settings	By potentiometers
Drive	2-phase stepper motor
Control	Microprocessor
Voltage	115 / 230 V; 60 / 50 Hz; 138 VA
Version	Right
Approbation	CE
All data are indicative and may be subject to alteration	

Swiss Modular Labellers

Collamat® CP 21 - C 4300 ECO

Collamat®

FEATURES

Flexibility – Wide product size range thanks to the adjustable rollers.

Collamat® design – Electronics, drive unit, backing paper re-winder and control panel integrated in one, space-saving unit.

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TECHNICAL DATA

Operational speed	3 – 14 m/min (9.8 – 46 ft / min)
Operational width	95 mm (3 3/4")
Labelling accuracy	± 1 mm (1/32")
Min. label length	10 mm (3/8")
Max. label reel diameter	250 mm (9 7/8") or 350 mm (13 ¾") Min product diameter – 10 mm (3/8") Max product diameter – 120 mm (4 3/4")
Connectivity	Outputs: Signals for printer and error Inputs: Goods scanner and end of label detection
Settings	By potentiometers
Drive	2-phase stepper motor
Control	Microprocessor
Voltage	115 / 230 V; 60 / 50 Hz; 138 VA
Feed button	For manual label dispensing, i.e. threading the label web
Version	Right
Approbation	CE
All data are indicative and may be subject to alteration	

Swiss Modular Labellers
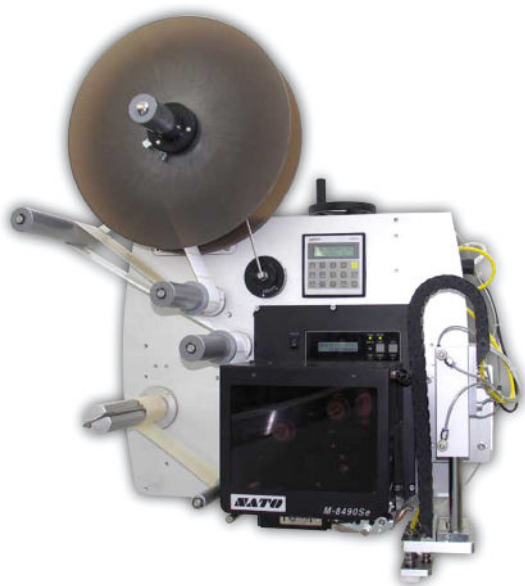
Collamat® Etiprint Inkjet

Collamat®

FEATURES

HP based technology, optimized for use with Collamat® S 50 or Collamat® S 100.

Build print jobs using MicroDraw PC software.

The PC-based Microdraw software eases building of print jobs.

Transfer job via USB stick or Minitouch display.

Add, edit or remove print objects.

Rotate & scale text, graphics, numbers.

Set print resoulution in software.

Small size makes integration into existing Collamats easy.

Place a cartdridge in the head and start printing.

Speed syncronisation with the Collamat® without encoder.

TECHNICAL DATA

Max printing speed	150m/min at 150 x 150 dpi
Technology	HPTIJ 2
Print heads	1 pen integrated (dep on model)
Print height	Max. 12.7 mm (1/2")
Design software	MicroDraw (for winPC)
Memory	1 print job in uni (dep. On model)
Print features	Max. Length 2400 px (-10 cm (4") 600 dpi), unicode support in text and objects, rotation of static objects, works with mm/inch/point/pixel
Signals	Low ink signal (diode), Print signal (diode), Built-in sensor
All data are indicative and may be subject to alteration	

Swiss Modular Labellers

Collamat® Etiprint Print & Apply

Collamat®

FEATURES

Flexible printing – Each label can be printed on demand with variable data.
Open frame design – Designed to integrate OEM print engines.
Flexibility – Can be used for side, top, bottom, and over edge applications.
Compact design – Made for industrial environments and easy integration.
Swiss quality – Highly durable mechanics suitable for rugged conditions.
Increasing product information – Create barcodes and graphics on your labels.
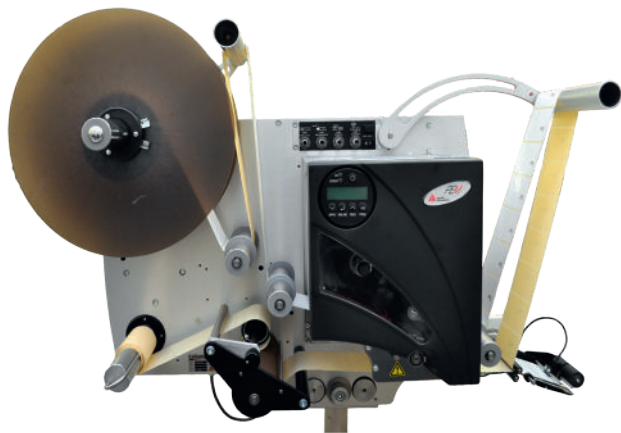**Adaptability** – Different applicators available for various tasks.
Communication – Printing directly from PC, network or from internal memory.

TECHNICAL DATA

Label reel size core / ext	40 mm / 300 mm (1 1/2" / 11 7/8")
Min. label width	25 mm (1")
Min. label length	30 mm (1 1/8")
Max label length	150 mm (5 7/8")
Labels per minute (max)	80 (depending on printer)
Printer technology	Thermal direct / thermal transfer technology
Printer data	Depending on the fitted model
Control system	Parameter settings over interactive display
Dimensions	447 x 449 x 725 mm (17 5/8" x 17 3/4" x 28 1/2") (length x depth x height)
Approbation	CE
All data are indicative and may be subject to alteration	

Swiss Modular Labellers

Collamat® Etiprint Inline 30

Collamat®

FEATURES

Efficiency – Optimal use of the printer´s performance combined with the well known Collamat® traction unit.

Technology – Best print quality due to slow printing speed at the fast application speed.

Performance – Output of up to 150 labels per minute.

Speed synchronisation – Application speed follows automatically the production performance (with option encoder).

Energy saving – No expensive compressed air needed because of applying labels with wipe on technology.

Accuracy and reliability – Built with approved Collamat® parts.

Flexible adapter program – All adapters from the Collamat® program available.

TECHNICAL DATA

Max application speed	30 m/min (98 ft/min.)
Application accuracy	± 1 mm (1/32")
Printer	Ready for OEM print engines Sato, Cab, Zebra (others on request)
Print width	4", 6"
Drive unit	Stepper motor based on Collamat® 6600
Unwinder diameter	350 mm (13 3/4")
Label scanner	Optical or mechanical
Speed synchronisation	Potentiometer regulation
Power sypply	220V AC
Communication	On request
Options	Encoder, side labeling kit, label low sensor, signal lamp
Approbation	CE

All data are indicative and may be subject to alteration

Swiss Modular Labellers

Collamat® Etiprint Inline 50

Collamat®

FEATURES

Efficiency – Optimal use of the printer´s performance combined with the well known Collamat® traction unit.

Technology – Best print quality due to slow printing speed at the fast application speed.

Performance – Output of up to 150 labels per minute.

Speed synchronisation – Application speed follows automatically the production performance (with option encoder).

Energy saving – No expensive compressed air needed because of applying labels with wipe on technology.

Accuracy and reliability – Built with approved Collamat® parts.

Open frame design – Designed to integrate several OEM print engines.

TECHNICAL DATA

Max application speed	50 m/min (164 ft/min)
Application accuracy	± 0,1 mm (1/32")
Printer	Ready for OEM print engines Sato, Cab, Zebra (others on request)
Print width	4", 6"
Drive unit	Stepper motor based on Collamat® C 8600
Unwinder diameter	350 mm (13 3/4")
Label scanner	Optical or mechanical
Speed synchronisation	Measured with encoder
Power sypply	220V AC
Communication	On request
Options	Encoder, side labeling kit, label low sensor, signal lamp
Approbation	CE/Gost
All data are indicative and may be subject to alteration	

Swiss Modular Labellers

Collamat® Etiprint
Pallet labeller

Collamat®

FEATURES

Front- and side labelling.

Correct placement of A5/SSCC labels in compliance with GS1 Norm.

Flexible printing – designed to integrate OEM printing modules.

Swiss quality – highly durable mechanics suitable for tough conditions.

TECHNICAL DATA

Labels	Paper labels on rolls D=300mm (11 7/8"), d=76mm (3")
Printers	Zebra©Pax, Sato© - other types on request
Output	2 pallets per minute
Communication	PLC lines
Activation	Via design software with customer ERP interface
Control	Siemens© Micro Panel
Placement	1 stop handling for automatic application of the two identical labels
Accessories	Supplied with extensive machine documentation and training documentation
Options	Barcode readability check, Profibus activation, remote maintenance, 3-page labelling
Approbation	CE
All data are indicative and may be subject to alteration	

Swiss Modular Labellers

Collamat®

Hofackerstrasse 73, CH-4132 Muttenz, Switzerland
Tel.: +41 61 756 28 28, Fax: +41 61 756 29 29
contact@collamat.ch, www.collamat.ch