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IQ-Label

Electric Print&Apply

Fully integrated into the Sato CLNX-Plus Series

/ IQ-Label

Print & Apply, simplified.

Meet the IQ-Label, a **fully electric, maintenance-free** label applicator completely integrated into the SATO CL4NX-Plus. Designed for **stand-alone** use or **easy integration** into machines and conveyors, it can print & apply up to 30 labels per minute.



Increasing efficiency in every operation.

The IQ-Label can easily be integrated into Existing workstations using a Footpedal for semi-automatic print&apply solutions, reducing operator workload and increasing their labeling accuracy. Using the 5 Pin connector, it can also be integrated into fully automatic production lines with minimal effort.

The Touchscreen allows for quick changes in settings and gives operators real time feedback about system errors and instructions to resolve them by their own, without requiring an intervention from a technician.

Built for easy daily use



Changing the film and ribbon is much easier because the whole applicator moves out of the way, giving the operator much better access.

During development, special attention was given to energy efficiency. The application system consumes on average just 25W.

Low-maintenance by design. Thanks to a self-lubricating linear axis, self-cleaning vacuum box and overdimensioned wear parts.

Easy to integrate. Easy to operate.

3 Operating modes

Fully Automatic

As soon as a label is in the printer buffer, it is printed and applied.

Print on Trigger

If a label is in the buffer and the IQ-Label receives a trigger signal, the label is printed and applied.

Apply on Trigger

If a label is in the buffer, it is printed immediately and waits on the Tamp-Pad. It is only applied once the IQ-Label receives the trigger signal.

Delays between trigger and print/application can also be adjusted, and built-in safeties help prevent products without label or queue shifts.

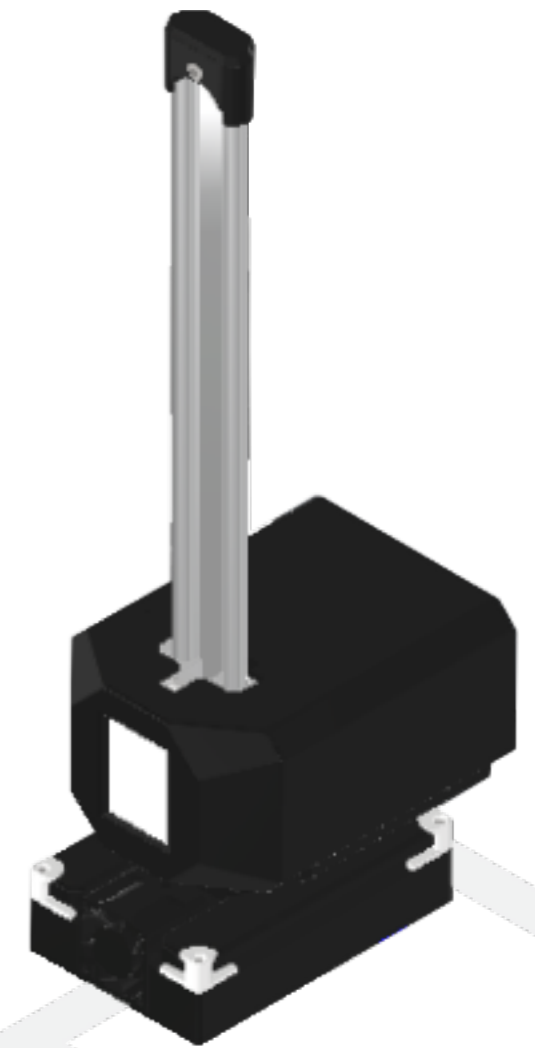
All new vacuum system, you are in control

The IQ-Label now uses a **new, more dynamic fan**, combined with improvements in the electronics and the **aerodynamics** of the Vacuum Box, giving you **full control over the vacuum adhesion**.

This allows 3 practical operating styles:

- **Standard mode:** Fan always at 100%
- **Efficient mode:** Fan stays for example at 70% in standby and goes to 100% when labeling, with no loss of productivity.
- **Silent mode:** Fan stops while waiting and goes to 100% when labeling; this requires a small delay and slightly reduces productivity.

This in-depth control lets us apply labels ranging from 10x20mm up to 100x150mm with the **One-Sizes-Fits-All application pad**. (Custom application pads are also available upon request)





IQ-Label Quick-Specs

- Size (WxLxH): 270 x 600 x 500 mm / 10.67 x 23.7 x 19.69 in
- Weight: 20 kg / 33 lb
- Production (max): 1200 pcs./Hour (20 pcs./Minute)
(depending on label length and print)
- Stroke length: 285mm (11.22 in) standard, custom lengths upon request
- Label width: 22-104 mm / 0.86-4.09 in
- Label length: 10-150 mm / 0.39-6 in
- Power supply: 100-240 VAC, 50-60 Hz
- Print resolution: 8 dots/mm, upon request: 12 dots/mm, 24 dots/mm
203 dpi, upon request: 305 dpi, 609 dpi
- Printing Method: Direct Thermal / Thermal Transfer

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