Industrial Labelling Systems Ltd.

Print & Apply EVOLVED

Simplicity every step of the way
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Solutions that meet your needs
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Discover our smart products
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Mission

Our mission at ILS is to deliver unparalleled excellence in Print & Apply solutions within the industry.

How we achieve it

Innovation is the cornerstone of our approach. It fuels our passion and guides our efforts.

What sets us apart

At ILS, we excel at turning complex challenges into simple, effective solutions. Evolabel technology is built around intelligent simplicity, delivering efficient, reliable, and streamlined labelling processes that help businesses maximise productivity.



Intelligent Print Modules

Produced as one system with a built-in print function.

Evolabel manufactures Print and Apply machines for automatic labelling in automated production. Typical applications are manufacturing where product labels are applied with information like a barcode, best before date, table of contents, batch number, weight, etc. In applications where up-time and quality is essential, Evolabel does the job.



Installation

The compact and clean design, together with stable & flexible brackets and holders make mechanical installation easy.

Integration

The open and defined Evolabel API allows external software programs to fully control the Evolabel Print & Apply system. All printer and applicator settings can be set externally.

Robust and Safe

The solid aluminum chassis is in one piece for perfect alignment of label and transfer rollers, print head, etc.

User-friendly

The user is alerted before the label roll needs replacing. The clean and open design makes changing the paper roll straightforward and simple.

Maintenance

The ribbon and label roll are fast and easy to replace. Cleaning the print head is quick and easy, no tools needed, no need to turn off the machine.

Change label roll within 20 second

Change Print Head or Print Roller in 1 minute



Pioneers in Print and Apply Labelling Solutions

Founded in 2002, ILS has emerged as a premier provider of automatic print and apply labelling solutions across various industries, including food and beverage, pharmaceuticals, automotive, e-commerce, and logistics. From our facility, near Manchester, we supply labels not only to esteemed clients like ASOS and Adidas within the UK but also to global partners in Europe, the USA, South Africa, and Australasia.

For further information and inquiries, please contact:
admin@ilsystems.co.uk

Our Commitment to Your Labelling Success.

At ILS, we take pride in our team's consultative approach, with decades of collective experience exceeding 30 years in the label and automation sector. We prioritise client satisfaction by offering swift responses and tailored solutions to address each unique label application.

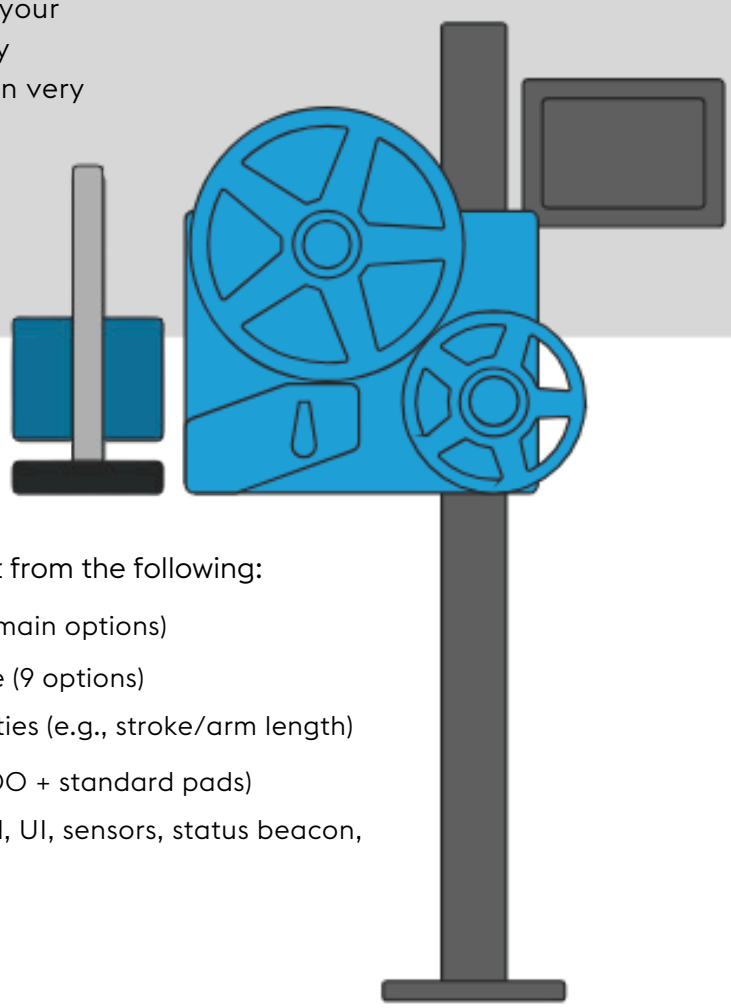
Our comprehensive portfolio encompasses pallet labellers, outer case and tray labellers and barcode inspection and validation systems. Partner with ILS for unparalleled expertise and support in meeting all your print and apply labelling needs.

> "ILS were open and enthusiastic about working with us to find a solution. One of our core values is innovation, so finding a company that had the same value as us in approaching this challenge, to work together to find the answer, was a great match. I'd thoroughly recommend ILS – they're a collaborative and professional team to work with."
>
> **Dave Mayne, Lineage's operations manager UK**

Modular System

Compact and intelligent building blocks provide the optimal solution for your specific Print & Apply requirements, even in very narrow spaces.

The modules are designed to function seamlessly as a complete system, ensuring optimal functionality and user-friendliness. They can be mounted in virtually any direction (exception: reels cannot point down). This enables label application on any side of your product and service from your preferred direction.



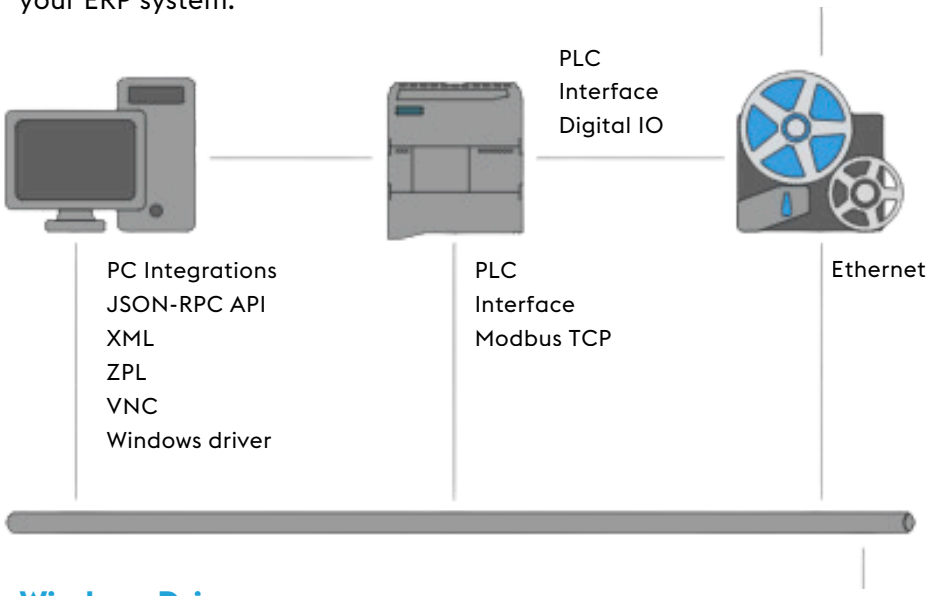
Configure and select from the following:

- Printer module (3 main options)
- Applicator module (9 options)
- Applicator properties (e.g., stroke/arm length)
- Applicator pad (IOO + standard pads)
- Accessories (stand, UI, sensors, status beacon, etc.)

Effortless Integration

Evolabel's standardised computer platform makes integration much easier. It offers everything from standalone functionality with an onboard editor and product list to the JSON-RPC API, which fully utilises Evolabel software features. Other well-documented standard interfaces include sPL, providing an easy way to leverage layouts created for Zebra™ printers, and XML, which populates layouts in the Evolabel printer with data from your ERP system.

Also as stand alone



Windows Driver

Download the NiceLabel™ Evolabel – Windows printer driver, and you can print from a Windows application (such as NiceLabel Designer Pro).

Virtual Printer

We offer a virtual printer for Mac, Windows and Linux, so developers can test their systems without the need for physical hardware.

Test your system without hardware

Layout View2

An online viewer that allows developers to validate both their 2O3 dpi and 3OO dpi ZPL layouts without the need for an Evolabel printer.

Please note that NiceLabel, Zebra and ZPL are trademarks of their respective owners.

Printers

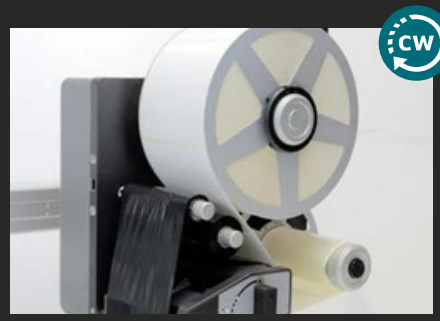
We offer evolable tecnology of 3 main modules, available in two sizes: 4” and 6”, corresponding to the width of the print head. This flexibility enables the effortless handling of a wide spectrum of label sizes. The compact design of the D43 makes it an ideal fit for seamless integration into various production lines or packaging machines using Direct Thermal Labels. The T43 and T63 Printers support both Thermal Transfer and Direct Thermal Labels.



D43 Printer
Direct Thermal Technology
4 inch print width
300 dpi resolution



T43 Printer
Thermal Transfer Technology
4 inch print width
300 dpi resolution



T63 Printer
Thermal Transfer Technology
6 inch print width
300 dpi resolution

CW Clockwise Print & Apply, a mirrored design of the products in order to provide more flexibility and additional solutions for installations.



Direct Thermal Technology

Direct Thermal Labels are commonly used in the food industry but also for other applications where there are no extreme demands on long storage. Direct Thermal Technology requires only one media type, making it the easiest technology to use.

Labelling Techniques

Thermal Transfer Technology

The Thermal Transfer Technology is often used in applications where the labelled product has a long lifespan, is stored for long periods of time, or is exposed to tough handling.
Examples are the pharmaceutical and auto industries, and other non-food production.





Wide range of

Applicators

For optimal functionality, user friend- liness and safety, Evolabel designs the Printers and Applicators as one system. For example, all Applicators are automatically moved away from the print head and label path when the print head is moved to its service position. This gives very good access when changing labels or cleaning the print head. The patented Applicator Pads with integrated vacuum ejectors ensure precise and consistent label position.

We offer a wide range of Applicator modules within three categories:

- Linear Applicators
- Rotary Applicators
- Contact free Applicators

Applicators

Applicator Overview



Tamp



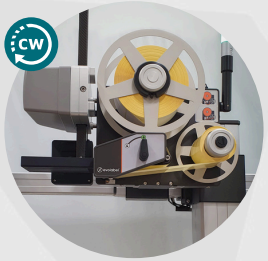
eTamp



QuickTamp



QuickTamp Vac



QuickTamp Airless



FlexWipe



Wipe90 & Wipe G2



BlowVac



Belt

Available as clockwise.

Applicators

Linear Applicators

Achieve seamless label application with our Linear Label Applicators, perfect for top, bottom, and side applications.
Available in various stroke lengths and properties for your needs.

Tamp

The pneumatic Tamp Applicator is designed for Print & Apply applications with high performance demands and accurate label positioning. It features a stroke length of 2.75” (70 mm).



Fast and simple pneumatic Applicator



For pallet
eTamp labelling

Flexible and safe labelling with a stroke length of up to 33.5” (850 mm). The extended stroke length, in combination with precise stepper motor control, makes the Evolabel eTamp suitable not only for side and top labelling on various-sized boxes but also for labelling pallets.

With scanner

Want to know more about our Applicators?

Scan the QR code for more information or contact us at ***admin@ilsystems.co.uk*** and we can help you figure out which Applicators suit you and your industry.

Applicators

Linear Applicators

QuickTamp®



Handles various product heights

A fast and friendly logistic labelling system for labelling shipping labels on top of boxes. The Evolabel QuickTamp handles random height variations of 3’ 3” (1 meter) and conveyor speeds up to 260 fpm (80 m/min).

With our built-in Co-op function, double or triple the capacity without changing your own software system.

QuickTamp® Vac

A new version of QuickTamp can also handle very small labels reliably down to 0.79”x0.79” (20x20 mm), thanks to the vacuum in the pad during the application cycle.

With our optional height sensor, handling the height variations becomes a snap (valid for both QuickTamp models).

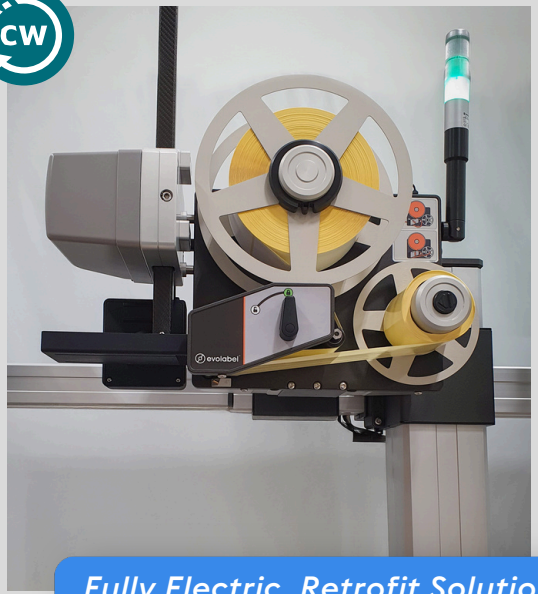


Long reach with small labels

QuickTamp® Airless

The QuickTamp Airless is built with sustainability in mind, removing the need for compressed air.
Ideal for high-throughput environments or any site without access to compressed air.

The QuickTamp Airless Upgrade Kit converts your existing Evolabel QuickTamp into a fully electric Print & Apply system in minutes.



Fully Electric, Retrofit Solution

Rotary Applicators

Our Rotary Applicators apply labels with a rotary motion, perfect for multiple label applications, uneven surfaces, and diverse needs. Customise with various stroke lengths and properties to meet your specific requirements.

Safety in focus



FlexWipe®
Pallet Labelling System

The FlexWipe pallet labelling system is enhancing safety, maximising throughput, ensuring traceability and enabling flexibility.

The unique tactile arm and the pivotable machine mount that steer away are designed to reduce crushing hazards.

It features a very high capacity of up to 5 pallets/minute with a label roll change in less than 20 seconds. With the Motorised Stand XL, stacked pallets are labelled with one system.

Uneven surfaces are handled with the touch and flex application. With built-in brushes, every label adheres well. Add the optional scanner and all printed barcodes are read, always from an optimal reading distance.



The patented free motion application allows the same configuration to apply labels on either of the two adjacent sides within 12 seconds, including bar-code validation. With a second pallet stop the third side can also be labelled.

Applicators

Wipe90 & Wipe G2

One module – multiple choices with variable reach.

A stepper motor-driven applicator for front, rear, top, corner wrap and two-sided label applications. The light 3D printed arm gives fast and precise labelling without sacrificing safety.

The unique tactile arm detects not only the product for perfect label application, but also obstacles in its way, which enhances both safety and reliability. This enables fast and precise labelling, even on very light products, both adjacent sides and corner wrap.

The rotating movement is in line with the print direction, so long labels that are more than 12" (300mm) can be applied on the product.





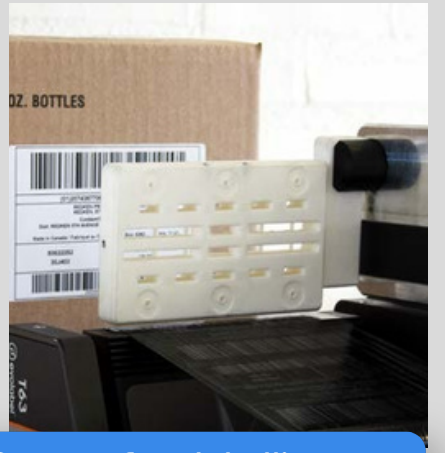
Corner wrap labelling



Labelling on 2 adjacent sides

Contact free Applicators

Our Contact free Applicators apply labels without direct contact, ensuring a touchless and safe labelling process. Various settings and properties can be tailored to meet your specific labelling requirements while maintaining a safe and efficient operation.



Contact free labelling

BlowVac

Applies labels with sizes up to 6”x4” (150x100 mm) without any moving parts. The patented applicator pad has an integrated air-knife that applies the label with good precision from a distance up to 8” (200 mm).

Belt

A vacuum belt transports the label from the printer to the product. Running the belt at the same speed as the conveyor gives very accurate label positioning, even on extreme light products and from underneath.



Fast and precise base pack labelling

Our Accessories & Applicator Pads



Explore our range of Accessories and Applicator Pads seamlessly integrated into our flexible Modular System.

Optimise your operational efficiency with our anodised aluminum stands, providing flexibility in floor-mounting or stand foot placement, complete with optional motorized height adjustment. The intuitive touch screen interface empowers operators to effortlessly change products and settings, while the Status Beacon allows convenient monitoring of machine status from a distance.

Discover all the vital components for a complete Print & Apply solution, including various barcode options for accurate validation of 1 or 2D codes.

Eliminates manual height adjustment

Our innovative Applicator Pads leverage 3D printing technology in plastic, offering a compact and lightweight design.
Their user- friendly design ensures easy replacement and is available for a wide range of label sizes. While our standard range covers most label sizes, our 3D printing capability allows us to create pads tailored to your specific requirements, such as one pad for multiple label sizes.





Coldstore



Coldstore Range

Print& Apply in Freezing Conditions —Even at -30°C (-22°F)

MADE IN SWEDEN

Premium quality, proudly developed and manufactured in Sweden.

Unmatched Reliability in Freezing Environments

When the temperature drops, reliability is everything. Whether it's cold chain logistics, pharmaceuticals or food, one thing remains true: The cold chain must never be broken. Evolabel's new Coldstore Range is designed, engineered, manufactured, tested, and ve-rified in Sweden to deliver unmatched Print & Apply performance in freezing conditions down to -30°C / -22°F — redefining what's possible for automated labeling in cold and freezing conditions.

Every product undergoes rigorous testing in Evolabel's state-of-the-art climate chamber, where temperature and humidity are precisely controlled to replicate the harshest real-world scenarios — ensuring long-term reliability and consistent performance.

Unmatched reliability at -30°C/-22°F

Ensuring precise labeling in extreme conditions from -30°C to +40°C (-22°F to 104°F) in pharmaceuticals, food pro-duction, or cold chain logistics.

Up to 50% smaller footprint

Space-saving, compact solution eliminating bulky and expensive heating cabinets or enclosures.

Advanced software, optimal performance

Coldstore's new intelligent software auto- matically adjusts to ambient conditions, ensuring optimal performance at all times.

Quick and Easy Maintenance

Robust, low-wear parts design ensures high operational reliability and quick maintenance, minimising downtime and operator exposure in freezing cold environments.

Sustainable by design

All Evolabel products are premium-built with durable materials and minimal wear parts, ensuring long-lasting performance while reducing maintenance and total cost of ownership.

Built with safety in mind

Just like every Evolabel solution, the Coldstore Range meets the same high safety standards. It is designed to work when others fail, offering peace of mind.

Effortless integration, faster deployment

Evolabel products supports everything from advanced stand-alone functionality to integration with the JSON API and other well-known interfaces (ZPL, PDF, XML, Modbus, digital I/O). With the Coldstore product range, you will get rugged products and peripherals that work seamlessly in the harshest environments.

Coldstore



Precision Labelling.

Redefined for the Freezing Cold.



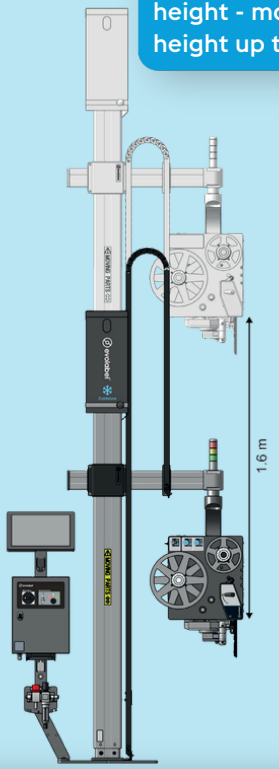
FlexWipe® Motorised Stand XL
Pallet Labeling System

Enhance safety, maximise throughput, ensure traceability, and stay flexible — all within a compact footprint of less than 1 sq m, including the stand.

It features high capacity, labeling up to 5 pallets per minute, with label roll changes in under 1 minute. With the Motorised Stand XL, stacked pallets are labeled using a single system. With safety in focus, the system constantly monitors movement and immediately stops in the event of unexpected obstacles, loss of power or compressed air. It features a unique tactile arm and a pivotable machine mount, both designed to steer away — enhancing operational safety.

The patented Multi Side, FlexWipe® Applicator 360 degree motion allows the same configuration to apply labels on either of the two adjacent sides within 12 seconds, including barcode validation. With a second pallet stop, a third side can also be labeled, providing unmatched flexibility and efficiency.

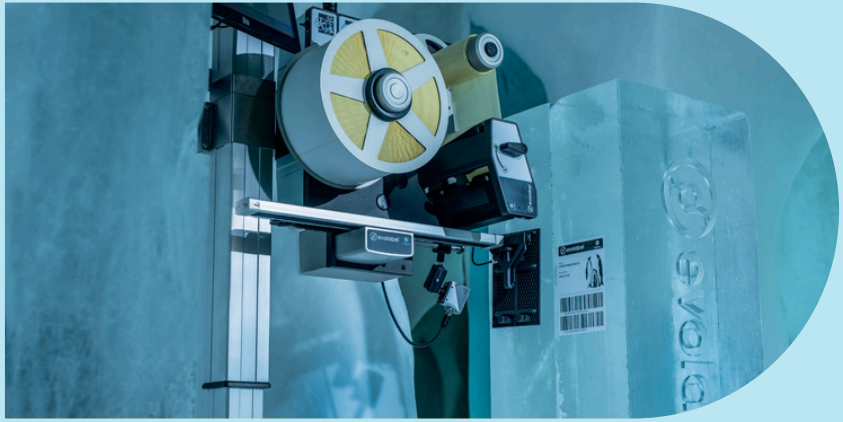
1.6 m (5'3") adjustable height - maximum labelling height up to 2.6 m (8'6").



PLEASE NOTE
FlexWipe® is also available with fixed stand up to 2m (6'7").

Specifications

- Pallet labeling system for 1, 2 or 3 side labeling FlexWipe® available in arm length: 350 mm (13.78")
- Automatically label on varying heights with an adjustable range of up to 1.6 m (5'3")
  Stack pallets and place labels in a column.
- Label on rough, uneven, and cold surfaces.
- With built-in brushes, every label adheres well.
- Offers greater flexibility and quicker, easier installation, With left and right installation options available under the same Part No. and configurable conveyor direction — Left to Right or Right to Left.
- Add-on: Incomplete Pallet Detection; labeling partially loaded pallets.
  Add-on: Dependable Code Validation.
- Print technology: Direct Thermal
- Label size (WxL mm): 100 x 43 to 158 x 240 mm



eTamp Applicator

Efficient, flexible and safety oriented tamp solutions, allowing seamless adaptation between different product types and heights.

The Applicator features a lightweight, yet rigid aluminum profile that supports adjustable stroke lengths ranging from 150 mm (5.9") up to 650 mm (25.6").

It's long, controlled stroke length, in combination with precise stepper motor control, makes it ideal for side, top, and also pallet labeling, accommodating various package sizes with high accuracy and operational safety.

Specifications

- Compatible Printers: D43 CS, D63 CS
- Applicator Technology: Linear mechanical (electric) movement for labelling stationary objects.
- Apply distance: 0– max apply distance 120, 270, 470 and 620 mm.
- Label positions: From side, from above.
- Label size:
  D43 (WxL mm): 80 x 25 to 116 x 240
  D63 (WxL mm): 100 x 25 to 176 x 240

The Applicator is stepper motor driven instead of pneumatics, the eTamp offers enhanced safety, reduced weight, and increased precision. If an obstruction, such as a hand, is detected, the Applicator automatically stops to prevent injury.



Print & Apply

EVOLVED

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