

# LABEL PRINTING AND APPLICATION EQUIPMENT

S\_Coding  
Trace Evolution

## S-APPLY PRO





## LABEL PRINTING AND APPLICATION

The new S-APPLY PRO label printing and application device stands out for its simplicity, reliability, flexibility, and low power consumption. Produced domestically, manufactured by Smart Coding.

Perfect for adding traceability information on **pre-printed labels** (batch, best-by date, etc.) or **full label printing**, including bar codes, logos, or images. It can optionally include RFID technology to encode TAG tags for product traceability.

It can print labels up to a **speed of 400 mm/s**, with a maximum width of 150 mm (6") and a maximum length of 300 mm (12"), on one side of the product.

**Various printing configurations** and the greatest flexibility to suit any need.

The application of the label can be **encoder-controlled** to ensure that the label is always applied in the same position and, if there is a line stoppage, to wait for the product to restart and reach its correct position.

**Enables label repeat** if it detects that a label has not been applied or has fallen off during application. The **rewinding system is electric** in all possible combinations and the application system can be pneumatic or, in some cases, fully electric without the use of compressed air.

## RELIABILITY

The S-APPLY applicator is based on two types of SATO's latest generation OEM print engines (S84NX and S86NX). Together with the pneumatic or electric application system developed by Smart Coding, the **most intelligent, accurate, and reliable labelling equipment** has been made possible for applications requiring a high degree of repeatability and activity.



Built-in intelligent sensors and real-time diagnostics on a 7" display screen for total control of the labelling process on your production line. Made of aluminium and stainless steel, it is virtually indestructible.

## LOW CONSUMPTION

Electrical power supply system for the rewinding module and pneumatic or electrical power supply system for the applicator module. Maximum **efficiency and high performance** compared to conventional labellers.

## FLEXIBILITY

The mounting system for the applicator device offers the possibility of **various positions and orientations** for any application in an easy way.

Its modular application design **enables the change from one actuator type to another** within a few minutes. Adapting the body of the equipment to any type of application (linear, rotary, blowing, etc.) and being able to use a single body in any production line of the company.

## INTEGRATION

**Easy integration in production lines**, for communication with PCsBBD, ERPs, artificial vision equipment, bar code readers, and more by means of software specifically developed for these functions.

Compatible with leading label management software: NiceLabel, EasyLabel, Bartender, etc. It includes its own **software for template editing**.

## EASE OF USE

User interface with **7" colour touch screen** with intuitive icon-based operation and real-time diagnostics.

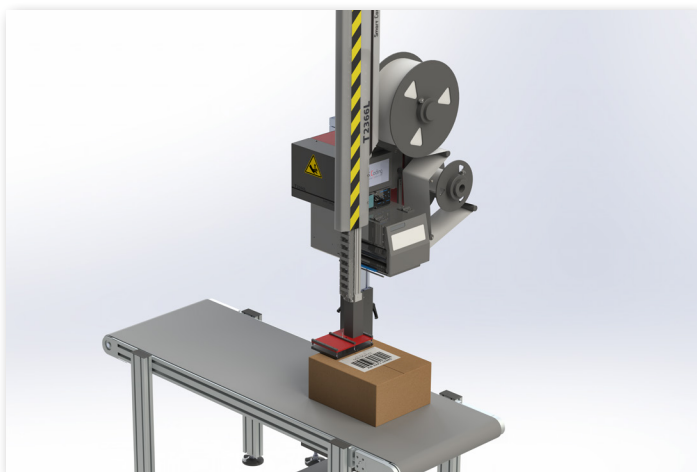
Totally intuitive and easy to operate for line workers.

## INCREASED PRODUCTIVITY

Allows for ribbon rolls of up to 600 metres and loading label rolls up to 400 mm in diameter, ensuring a **perfect balance between size and performance** and minimising maintenance downtime and **maximising productivity**.

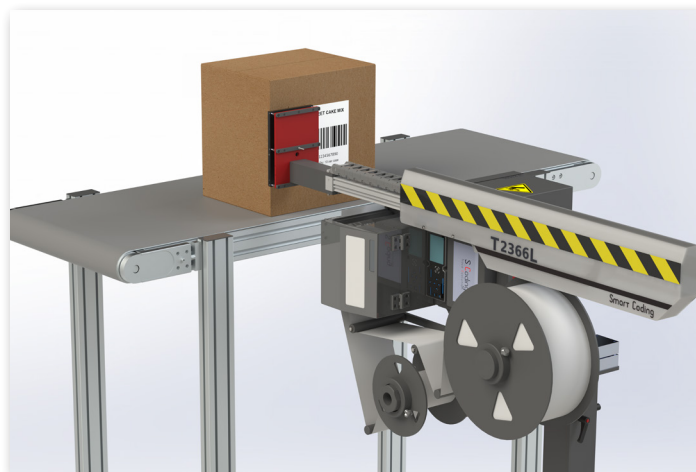
## S-APPLY PRO APPLICATOR RANGE

### VERTICAL



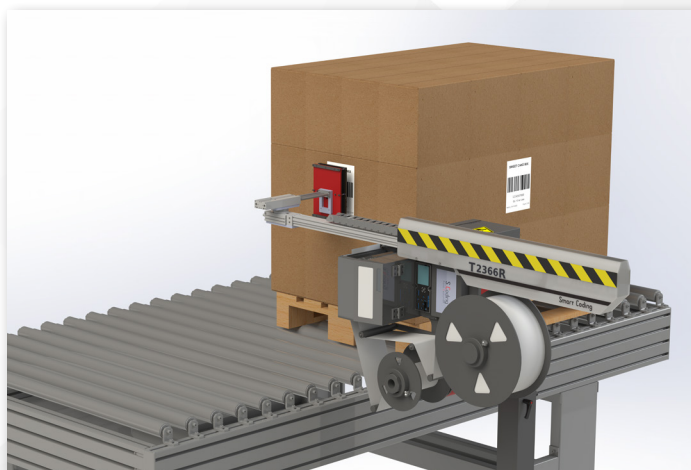
Enables labelling on the **upper side of the product**, while the applicator equipment is positioned on the production line.

### HORIZONTAL



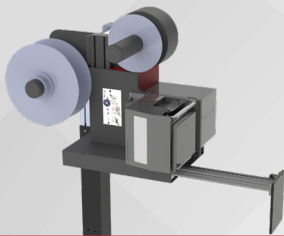
Enables labelling on the **side of the product**, while the applicator equipment is positioned outside the production line.

### MULTIFACE



It can be applied on 1, 2 or 3 sides (front - side - rear) with the application equipment located outside the production line and with the product stationary.







Forthcoming launches: **Lateral Rotary** (Allows 1 or 2-sided front - side or side - rear application with the applicator equipment located outside the production line, running or stopped; **Front Rotary** (1 or 2-sided application, front - top or top - rear) and **Blown**, label application without contact with the product - only for the pneumatic model.



# TECHNICAL SPECIFICATIONS

## S-APPLY PRO

<b>PRINTING METHOD</b>	Thermal transfer or direct thermal	
<b>LABELS PER MINUTE</b>	Up to 130	
<b>PRINTER</b>	SATO S84NX or S86NX (4" and 6")	
<b>PRINTING SPEED</b>	Up to 400 mm/s (4") and 356 mm/s (6")	
<b>PRINT RESOLUTION</b>	203 / 305 / 609 dpi	
<b>MINIMUM LABEL SIZE</b>	25 x 13 mm	
<b>MAXIMUM LABEL SIZE</b>	Version 4" 104 x 355 mm	Version 6" 165 x 355 mm
<b>MAXIMUM PRINTING AREA</b>	165 x 355 mm	
<b>LABEL ROLL CAPACITY</b>	Up to 400 mm diameter	
<b>MAXIMUM RIBBON LENGTH</b>	600 metres	
<b>STANDARD INTERFACE</b>	RS232, USB, ETHERNET	
<b>ENERGY REQUIREMENTS</b>	85-264 VAC, 47-63 Hz, 0.5 A	
<b>AIR CONSUMPTION</b>	80 l/min. max. depending on model	
<b>ENVIRONMENTAL CONDITIONS</b>	Temperature from 5 to 55 degrees 15-85 rel. humidity without condensing	
<b>WEIGHT</b>	40 Kg (with printer and according to module)	
<b>CERTIFICATIONS</b>	CE	
<b>STANDARD FEATURES</b>		
<b>USER INTERFACE</b>	7" LCD colour touch screen	
<b>PRODUCT DETECTOR</b>	PNP direct reflection	
<b>APPLICATION MODE</b>	600 mm linear actuator	
<b>ON-SCREEN DIAGNOSTICS</b>	Status of sensors and actuators	
<b>LOW LEVEL SENSOR LABELS</b>	Detects low level in the roll	
<b>SPADE TAG SENSOR</b>	Detects tag and tag drops for repetitions	
<b>PRODUCT PRESSURE SENSOR</b>	Contact product detection, for different product heights	
<b>INFORMATION</b>	Status, print counters, application settings, status monitor	
<b>OPTIONAL FEATURES</b>		
<b>EMERGENCY TOWER</b>	3-state LED indicator	
<b>PRODUCT DETECTOR</b>	Suppressor, mirror, PNP fibre	
<b>APPLICATION MODE</b>	Rotary and multi-sided	

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