

# DACO

## SI INSPECTION SLITTER REWINDER

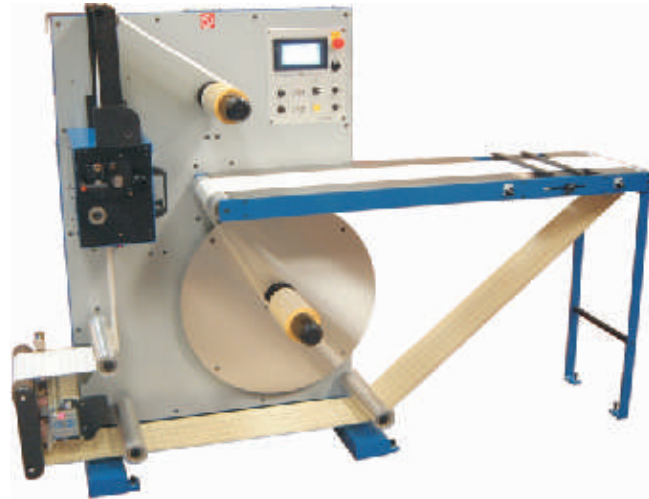
The Daco SI label inspection / slitter rewinder offers both flexibility and high performance. Its unique design includes a quick make ready rotary scissor slitting unit with knife separation and lateral adjustment. A touch screen HMI operator interface enables quick and easy job setups, control of the various counting facilities, automatic web advance, taper tension control and end of roll features.

Both the unwind and rewind have taper tension control as standard, this ensures the web tension remains constant regardless of changes in roll diameters.

An E & L electronic web guidance system ensures that the finished rolls are perfectly wound, and an inspection table with adjustable splicing table with pneumatic clamps is also fitted as standard, enabling splices to be made both neatly and easily.

Pneumatic airshafts for both unwind and rewind means that changing the rolls could not be simpler, and a web advance system makes it easy to attach the web to the core when starting a new roll.

The Daco SI range of inspection / slitter rewinders in its standard format allows for the efficient slitting, rewinding and counting of labels. The impressive features, quick setup and ease of use provides the client with a quick return on investment.



**E&L electronic web guide with an ultrasonic sensor (suitable for clear and opaque substrates).**

**Labels/feet/metre counting with programmable slow down and stop.**

**Programmable web advance.**

**Operator programmable end of roll slowdown and/or stop - choose the diameter that the machine is to slow or stop at via the HMI (without the use of roll followers or external sensors that can be damaged at roll changes).**

**Quick change air shafts.**

**Labels in/labels out rewinding.**

**1460mm (57.4") inspection table with adjustable splicing facility and pneumatic interlocked web clamps.**

**Touch screen HMI operator interface – easy job setups, tension settings, machine status and counting options.**

**Quick check – slow the web for a programmable fixed length of time and then the machine accelerates to the normal running speed.**

**Taper tension control for the unwind and rewind.**

**Pneumatic fully adjustable silicon covered nip roller keeps down time to a minimum as labels cannot attach themselves to the roller – on/off feature allows for easier webbing up of the machine.**

**Rotary scissor slitting with knife separation and cross adjustment. Easy access to knives and anvils without breaking or removing the web.**

**Electro magnetic particle clutch and brake.**

**Solid construction – built on a 2mm (0.078") cabinet with a 16mm (0.62") steel main plate.**

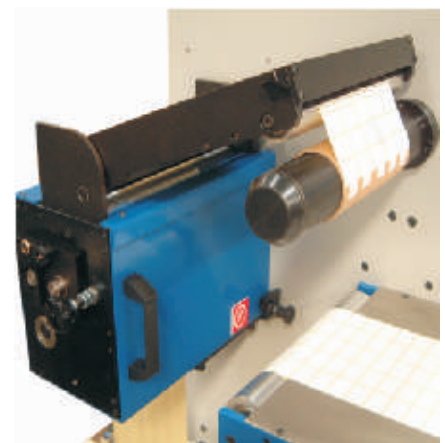
**CE compliant**

# DACO SI

[www.daco-solutions.com](http://www.daco-solutions.com)



Mono touch screen and Drello 3125 strobe light

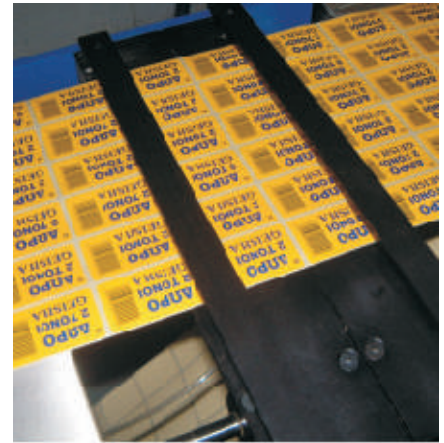


Web advance

# DACO



Colour touch screen (option)



Adjustable splice table

### Standard Specification

- Web widths: 250mm (10"), 330mm (13") or 410mm (16")

#### Unwind:-

- E&L electronic web guide with an ultrasonic sensor (suitable for opaque and clear materials)
- Maximum unwind diameter: 700mm (27.5")
- 76mm (3") air mandrel
- Electro magnetic particle brake
- Taper tension control
- Programmable end of roll function

#### Rewind:-

- Maximum rewind diameter: 360mm (14")
- 76mm (3") air mandrel
- Electro magnetic particle clutch
- Taper tension control
- Programmable automatic web advance system
- Labels in / labels out rewinding

#### Slitting:-

- Rotary scissor slitting device: Complete with 3 slitting knives and knife separation.
- Minimum slit width: 16mm (0.62") and cross adjustment: +/- 8mm (0.31")
- Maximum speed: 250 metres/min (820feet/min) dependant on material
- Counting units – labels / feet / metres with programmable slowdown and stop
- Touch screen (mono) HMI operator interface for quick and easy job setup
- 1460mm (57.6") Inspection table with adjustable splicing facility and pneumatic web clamps
- Air operated silicon nip roller with independent regulator and gauge
- Quick check

### Electrical requirements

- 240 volts, single phase, 13 amps or to suit local requirements

### Air requirements

- 80 psi, 1cfm

### Optional Equipment

- Large colour touch screen operator interface
- Missing label detection – 6 or 12 lane
- Flag detection
- Splice detection
- Strobe light
- 100% inspection
- Full range or air mandrels from 25mm (1") to 76mm (3")
- Rotary die cutting module with 10-24" repeat with matrix stripping tower. 1 or 2 die stations
- Additional slitting knives
- Conforms to CE regulations, and all safety circuits use dual channel safety switches, which are continuously monitored using a certified safety relay.

### HSI Inspection / Slitter Rewinder

- Web width: 432mm (17") or 508mm (20")

All the features and benefits of the Daco SI but with a 1000mm (40") unwind with roll lift



# DACO SI

[www.daco-solutions.com](http://www.daco-solutions.com)

Your Agent is:

Manufactured by



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