

The Daco SRV label inspection slitter rewinder is a fully servo-driven rewinder. The rewinder, with its large intuitive 12.1" colour touchscreen control and its localised controls, makes the machine ergonomically suited to operators.



The Daco SRV label inspection rewinder slitter offers both flexibility and high performance with a maximum web speed of 300m/min (984 ft/min). The unique design of this inspection rewinder includes a quick, make-ready rotary scissor slitting unit with knife separation and lateral adjustment or an automatic knife positioning system.

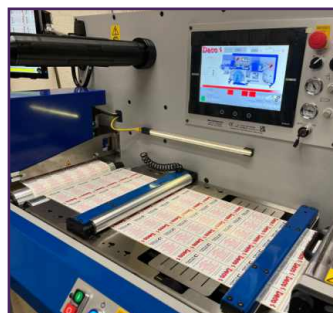
The large servo driven 820mm (32") unwind with closed loop tension control is available with a roll lifter. The servo-driven rewind has a diameter of 500mm (19.68"), can be upgraded if required, and has a programmable web advance.

A BST electronic web guidance system ensures that your finished rolls are perfectly wound, and an adjustable splicing table with pneumatic interlocked clamps is also standard, enabling splices to be made neatly and efficiently.

With the addition of a vision system, labels are inspected by the camera, defective labels can be removed, and optionally an accumulator can be added so that reinspection can be performed by passing the replaced label(s) back under the camera to give true a 100% inspection and inspection of all labels. The SRV inspection rewinder is available with different web path configurations to stop any detected fault before going through the slitting station.



Auto set slitting



Nikka M1 inspection camera, waste rewind & splicing facility

# SRV

350  
Servo Driven Inspection  
Slitter Rewinder

# SRV

## Standard Specification



- Web width: 350mm (13.75")
- Maximum unwind diameter: 820mm (32.28")
  - 76mm (3") diameter air shaft
  - Maximum roll weight 200kg (441 lbs)
  - Servo driven
  - Closed loop tension control
  - Programmable end-of-roll function
  - The operator can program the roll end diameter - slow down or stop from the touch screen operator interface.
- Servo-driven infeed nip roller
  - Fully adjustable pneumatically operated with regulator and gauge
  - On / off feature to allow for easy threading of the machine
  - Interlocked so that the machine cannot be started with the nip roller off
- BST electronic web guide
  - Ultrasonic sensor - enables guiding of opaque and transparent materials
  - Adjustable web guide sensor +/- 25mm (1") correction
- Adjustable splice table with fixed interlocked pneumatic web clamps
  - Tape dispenser for the splice table
- 575mm (22.63") inspection / fault editing splice table with movable pneumatic web clamp
- Servo-driven out feed nip roller
  - Fully adjustable pneumatically operated with regulator and gauge
  - On / off feature to allow for easy threading of the machine
  - Interlocked so that the machine cannot be started with the nip roller off.
- Rotary scissor slitting unit
  - 3 slitting knives
  - Minimum slit width 13mm (0.51")
  - Lateral knife adjustment +/- 8mm (0.31")
  - Knife separation
  - Removable interlocked cutter guard
  - Dual knife box configuration to allow for razor slitting to be also fitted

- 1 Product rewind
  - Maximum rewind diameter: 500mm (19.68") - Option for 600mm (23.62")
  - 76mm (3") diameter quick change air shaft
  - Maximum roll weight 120kg (264 lbs) - 76mm (3") mandrel
  - Taper tension control
  - Servo driven rewind
  - Labels in / labels out rewinding
  - Programmable automatic web advance system.
  - The web advance time delay is programmed from the touch screen operator interface.
  - Quick change air mandrels
- Maximum speed: 300 metres per minute (984 ft./min)
- Count Facility:
  - Labels
  - Length - meters/feet
  - Stop on diameter
  - Total count
  - Batch count
  - TLC - Total length count until reset by the operator
  - Auto calculation of slowdown and stop irrelevant of web speed
- Colour 12.1" touch screen HMI operator interface
  - Highlights machine status & error messages
  - Counting options
  - Tension settings
  - Job storage for easy & quick job setups - 100 job capacity
- Quick check
  - Slows the web for a programmable fixed length of time to allow the operator to inspect the print and then accelerate back to normal running speed.
- Run hour meter
- Modem connection for remote support via internet, machine diagnostics & software upgrades
- Solid construction
  - Built on a 3mm (0.118") cabinet with a precision ground 16mm (0.62") main plate
- Durable powder coated cabinet and main plate

### Air requirements

Air requirements: 80 psi, 1cfm, machine supplied with 6mm air fitting

### Electrics

380-415 volts, 3 phase Neutral & Earth, 25 amps, 50/60 Hz  
Note: If an RCD is fitted, it must be 100 milliamps.

### Conformity

Conforms to CE & UKCA regulations and all circuits use dual channel safety switches, which are continuously monitored using a certified safety relay.

## SRV Optional equipment

- Auto Set Slitting (Minimum slit width 24mm (0.944")) complete with 5 knives and auto-positioning sensor
- Unwind roll lift
- Nikka Alis M1 - 330+ inspection system with LSTICK fault position indicator, 2nd web guide & integration
- TubeScan Digital strobe ++, includes brackets & integration
- Waste rewind for the rewinding of defective material
- Upgrade product rewind to 600mm (23.62")
- Dual product rewinds with independent tension control - includes 76mm (3") air mandrel
- Backside numbering
- Air mandrels 25mm (1") to 76mm (3")
- Razor slitting - 3 knives with lateral knife adjustment +/- 8mm (0.31") - Minimum slit width 10mm (0.39")
- Additional razor-slitting knife holders
- Additional slitting knives: - per set (Set comprises of 1 knife & 1 anvil)
- Additional auto-set knives: - per set (Set comprises of 1 knife & 1 anvil)

Manufactured by

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