

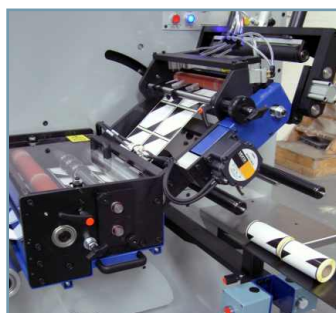
The Daco PLR350-V inspection /slitter rewriter with a three-spindle semi-automatic turret rewriter further increases productivity compared to traditional inspection rewinders.



Unlike traditional inspection slitter rewinders, where the machine is stopped for a considerable time while operators cut and re-apply the web to the cores, the PLR350-V is only stopped for a few seconds whilst the turret indexes. New cores are applied to the rewind shaft while the machine is in production, and the turret automatically cuts and applies the web to the new cores.



With the addition of a vision system, labels can be inspected by the camera, defective labels can be removed, and optionally an accumulator can be added so that 100% inspection of the labels can be achieved.



Rotary/razor slitting and web advance



3 Position turret with mandrel end support

PLR-V

350
Semi-automatic
Turret Rewinder

PLR-V

Standard Specification



- Web width: 350mm (13.75")
- Maximum unwind diameter: 700mm (27.5")
 - 76mm (3") diameter air shaft
 - Servo driven
 - Automatic taper tension control
 - Programmable end of roll function
- The operator can program the roll end diameter - slowdown and / or stop from the touch screen operator interface.
- Web up - the operator from the touch screen operator interface, release the unwind brake to allow for simple webbing up of the machine.
- BST electronic web guide
 - Ultrasonic sensor - enables guiding of opaque and clear materials
 - Adjustable web guide sensor +/- 25mm (1") correction
 - Integral splice table with pneumatic web clamps
 - Tape dispenser for the splice table
- 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.
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- 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 (350/430 machines)
 - Removable interlocked cutter guard
 - Dual knife box configuration to allow for razor slitting to be also fitted
- Pneumatically operated nip roller
- Razor slitting unit
 - 3 slitting knives
 - Minimum slit width: 10mm (0.39")
 - Lateral knife adjustment: +/- 8mm (0.31")
- 3 spindle turret rewinder with 76mm (3") air mandrels
 - Maximum product rewind diameter: 340mm (13.38")
 - Automatic taper tension control
 - Servo driven
 - Adjustable core positioning stop – ensures accurate loading of cores onto the mandrel.
 - Automatic roll eject system complete with roll eject chute – enables easy removal of the finished rolls by the operator.
 - Mandrel end support
- Maximum web Speed: 175 metres / minute (575 feet/minute) dependent on material

- Count Facility:-
 - Labels
 - Length - meters / inches
 - Batch count
 - TLC – Total length count until reset by the operator
 - Auto calculation of slowdown and stop irrelevant of web speed
- Colour touch screen HMI operator interface
 - Highlights machine status & error messages
 - Counting options
 - Tension settings
 - Job storage for easy & quick job set ups – 100 job capacity
- Modem connection for 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

86 psi (6 Bar) at 60 litres/min (2 cfm), machine supplied with 6mm air fitting

Electrics

380-415V, 50/60Hz, 16 amps, three phase neutral & earth

Conformity

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

PLR-V Optional equipment

- Nikka M1 -330+ inspection system with LSTICK position indicator
- Accumulator for 100% label inspection
- Air mandrels - 19 to 76mm (¾ to 3")
- Waste rewind for the rewinding of defective material
- Additional slitting knives

Manufactured by

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