

# Label Slitter Rewinder

*High Performance Slitter Rewinder*



The VINSAK LSR330 is designed to meet the increasing demands of today's covering, security, printing and label industry.

The Machine is PLC operated to ensure total reliability, flexibility and for each of operation.

### Standard Features

- Pneumatic expanding rewind mandrel, independently driven and variable for both speed and tension control. (450mm maximum rewind diameter)
- Pneumatic 76mm unwind mandrel with pneumatic brake tension control. (700mm maximum unwind diameter)
- Programmable end of roll stop and unwind brake control without the use of mechanical follower arm.
- Electronic web guidance system with ultrasonic sensor suitable for opaque and clear substrates.
- Adjustable splicing table with pneumatic clamps for removal of waste product.
- Quick release/removable nip roller with pneumatic pressure control.
- Scissor knife slitting including 3 sets of knives.
- Speed up to 300 meters per minute.
- Choice of rewind mandrels from 25mm (1") to 75mm (3").

### Easy Operation through Integrated Control Panel

- Label or length count with easy pick up sensor adjustment.
- Process counter with programmable slow down and stop.
- Push button unwind brake release for quick web insertion.
- Human Machine Interface (HMI) for new job set up data.
- Manual unwind and rewind tension controls.
- Error display for fast response to problems.
- Labels in/Labels out selection.
- Total and batch count.
- Machine utilization data.
- Machine hour run meter.



### Optional Equipment



**Off line Knife Setting Fixture** – for setting slitting knives off line with the accuracy of a Vernier setting device.

**Missing Label Detection** – multi lane system designed for quick set up and detection of missing labels and matrix errors. All errors are automatically placed on the splicing table for corrective action.

**Flag and Splice Detection** – sensors monitor the roll and, in the event of a flag or mill splice, the machine is brought to a controlled stop and the errors presented on the splicing table.

**Auto Disengage Knife Box Upgrade** – enables scissor knives to be disengaged from the web at the turn of a switch. Also includes removable knife shafts.

**Rotary Die Cutting Stations** – a choice of single or twin rotary die stations transform the VINSAK into a black label converting system. Includes matrix stripping with pneumatic mandrel and matrix break sensor. (maximum speed when die cutting 220 meters per minute)

**Motorised Reel lifting Device** – electrically operated clear on clear label products.

**Web Advance** – presents the pre-slit web to the cores for quick and accurate roll change.

**12mm Rewind Mandrel Upgrade** – electrical upgrade package including end support.

**Die adaptors** – to accommodate customers existing tooling.

**Clear Label Count Sensor** – a sensor for counting clear on clear label products.

**100% Web Inspection Camera System** – fully integrated with VINSAK rewinder for total inspection of the printed web.

All faults are automatically delivered to the splicing table for correction.

**Re-register Die Cutting** – a re-register drive system for the rotary die units, enabling pre-printed materials to be die cut in accurate registration.

**Bulk Waste Rewinder** – for quick removal of lengthy sections of waste material in tidy manageable rolls.

**Flood Coating and Re-register Printing Systems** – flood coating and servo drive re-register flexographic print stations are available for both water based and UV systems.

**Stroboscopes** – a range of stroboscopes is offered, interfaced to the machine ensuring automatic synchronization regardless of speed.

**600mm Diameter Rewind Option** – with taper tension.

