



HSR series

Slitter Inspection Rewinder



HSR



Inspection Slitter Rewinder

High speed, big features, innovations

- The Omega HSR range of high speed label inspection slitter rewinders has been introduced following the world wide success of the Omega SR range
- The all new HSR has the benefits of an increased unwind diameter capacity, increased rewind diameter capacity and the highest speed in its class
- The standard HSR comes highly specified and can be further enhanced by the addition of a wide range of options including converting modules
- For 100% print inspection the HSR can be fully integrated with the Flytec camera inspection system, supplied as a complete package from one source

STANDARD EQUIPMENT

The Omega HSR is available in 3 web widths 330mm, 430mm and 530mm and includes the following standard features:

- Pneumatic 76mm unwind mandrel with pneumatic brake tension control
- 800mm maximum unwind diameter
- Quick release/removable nip roller with pneumatic pressure control
- Programmable end of roll stop and unwind brake control without the use of mechanical follower arm
- Electronic web guidance system with ultra sonic sensor suitable for opaque and clear substrates
- Adjustable splicing table with pneumatic clamps
- Scissor knife slitting including 3 sets of knives
- Auto knife with throw off
- Pneumatic expanding rewind mandrel independently driven and variable for both speed and tension control
- 610mm maximum rewind diameter with taper tension
- Choice of rewind mandrels from 25mm (1") to 75mm (3")
- Speed up to 300 metres per minute
- HMI touch screen for easy job set up
- Error display for fast response to problems
- Labels in/labels out selection
- Labels or length count with programmable slow down and stop
- Total batch count
- Machine utilization data
- Machine run meter
- Unwind and rewind tension control
- Unwind brake release for quick web insertion

OPTIONAL EQUIPMENT

- Web advance
- Missing label detection
- Flag and splice detection
- Auto disengage knife box upgrade
- Crush knife slitting
- Razor blade slitting
- Off line knife setting fixture
- Bulk waste rewriter
- Motorised reel lifting device
- Clear label count sensor
- Stroboscopes
- Rotary die cutting stations
- Die adaptors
- Re-register die cutting
- 12mm rewind mandrel upgrade
- Fleye 100% web inspection camera system
- Flood coating re-register printing systems



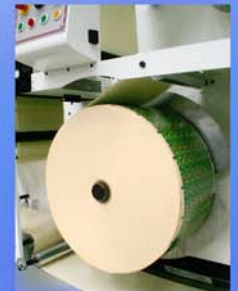
Twin Rewind Version



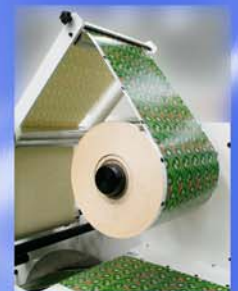
Die Cutting Unit



Flytec Camera System



800mm Unwind



600mm Rewind



New HMI Touch Screen

Distributor



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