

SMART-450-HMS | INSPECTION REWINDER



Advanced inspection slitter rewinder with excellent tension control suitable for label stock and thin film material. The optical camera can recognize and record all defects, while the printflow manager allows the rewinder to stop the defect right on top of the inspection table. Available in width of 330mm, 450mm and 520mm.

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SMART-450-HMS	AVAILABLE WIDTH: 330MM/450MM/520MM
Suitable For	AVT, BST, also other brands pls consult Rhyguan
Max Slitting Speed	300m/min
Max Unwind Dia.	800mm
Max Rewind Dia. (Single)	800mm
Slitting Precision	±0.2mm (automatic)
	±0.15mm (shear)
	±0.15mm (razor)
Min Slit Width	≥18mm (automatic)
	≥16mm (standard)
	≥11mm (razor)
Blades Installed	6 sets (included)
	10 sets (options)

* May vary depending on selected options&configurations



UNWINDER & WEB GUIDING

Servo driven unwind for clock wise and anti-clock wise unwinding. Automatic tension control, end-of-roll detection, webguide, integrated splice table, 76mm Unwind mandrel. Factory upgrade to unwind rolls with dia = 1000mm and a reel lift possible.

Fully Servo Driven Slitter Rewinder
Adjustable Acceleration And Deceleration
Automatic Deceleration And Stop Upon Reaching Label Or Meter Count

AUTOMATIC INDENTIFICATION SYSTEM

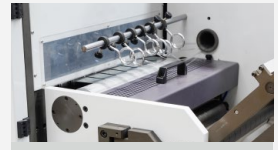
Compatible with any major brand inspection system camera system or workflow system when re-suing data from inspection system on printing press. Enough space to mount an ergonomic screen.



INKJET NUMBERING

Factory upgrade to include optional inkjet numbering (front and/or backside) is available.





SLITTING OPTIONS

Rhyguan offers standard shear slitting with rotary knifes, automatic slitting knifes, automatic dual slitting knifes, razor blade slitting. A set of dual nip rollers ensures perfect tension in the slitting area. Operator controls the nips. Remove edges after slitting with the suction engine.

VISUAL TABLE

Movable 2nd splice table with clamps to preserve web tension. Faulty labels will stop right on this inspection table automatically. Take corrective actions by replacing a label or by rewinding larger amount of waste.



DEFECTS REWINDER

Efficient highspeed waste rewinder, with a 76mm air expandable mandrel for efficient removal of waste.



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Reduce Mistakes Through Workflow Automation

RHYGUAN

SMART-450-HMS	AVAILABLE WIDTH: 330MM/450MM/520MM
Max Buffer Path	7.5m
Max Paper Path	12.5m
Total Motor Power	12KW
Weight	1900KGS

* May vary depending on selected options&configurations



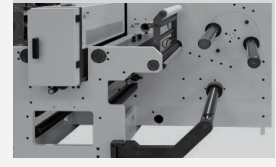
DUAL REWIND

Servo driven rewinder for clockwise and anti-clockwise rewinding with stable and servo controlled tension. Possible to add automatically controlled differential rewind shafts. Possible to add a separate counter.

Increase Productivity Through Automation

SEMI-AUTO TURRET

semi-automatic 2-spindle turret which will turn automatically, and lower a pressure arm upon reaching the counter set. Simple, effective and highly productive. Suitable for clock-wise and anti-clockwise rewinding.





DIFFERENTIAL REWIND SHAFTS

Core-lock differential rewind shafts with 25mm or 9mm elements. Available for different core sizes. Automated pressure control ensures stable rewind tensions. Optional passive lay-on roller can be added to remove any air-bubbles from building in the roll.



SLITTING OPTIONS

Add shear slitting knifes. Increase productivity with automatic shear slitting to control the knifes from the user-interface. Optional further automation and razorblades.

JDF/JMF
Use Rhyguan's digital platform to receive JDF job data from your MIS/ERP system to automate settings and automatically pass-on JMF management information



WEB ADVANCE

The optional web advance comes with additional clamps. And is available for both the upper and lower rewind. The web advance can also function as a lay-on roller when rewinding filmic materials