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SMART-330-HMS | AUTOMATIC INSPECTION MACHINE

Advanced offline inspection solution. The SMART-330HMS optical camera recognises and records all defects, the PrintFlow Manager system works with the rewinder to remove the defects, and the Automatic Identification System (AIS) supports the defect inspection on-demand, and handles the final report editing.

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SMART-330-HMS	OPTION WIDTH 450MM/520MM		
	330	**450**	**520**
Suitable for:	AVT, BST, also other brands pls consult Rhyguan		
Max Web Width:	330mm	450mm	520mm
Max Slitting Speed	300m/min	300m/min	300m/min
Max Unwind Dia.	700mm	700mm	700mm
Max Rewind Dia. (Single)	700mm	700mm	700mm
Slitting Precision	±0.2mm (automatic)	±0.2mm (automatic)	±0.2mm (automatic)
	±0.15mm (shear)	±0.15mm (shear)	±0.15mm (shear)
	±0.15mm (razor)	±0.15mm (razor)	±0.15mm (razor)
Min Slit Width	≥18mm (automatic)	≥18mm (automatic)	≥18mm (automatic)
	≥16mm (standard)	≥16mm (standard)	≥16mm (standard)
	≥11mm (razor)	≥11mm (razor)	≥11mm (razor)
Blades Installed	6 sets (included)	6 sets (included)	6 sets (included)
	10 sets (options)	10 sets (options)	10 sets (options)

* May vary depending on selected options&configurations

UNWINDER & WEB GUIDING

Independent, servo-driven unwinder with closed-loop tension control. Electronic web guide with ultrasonic edge guide sensor and integrated splice table. 76 mm air expandable mandrel.

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.

Advanced slitter rewinder platform

VISUAL TABLE

Moveable visual inspection table. With a two-sided clamp pressure bar to preserve web-tension. Faulty labels will stop right on-top of this inspection table automatically.

SLITTER

Standard shear slitting system with 6 knifes. Easy to install. Features a standard waste suction system to productively trim edges.
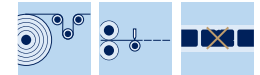
Recognises, records, and removes all defects

REWINDER

Rewinder with closed-loop tension control system ensures continuous stable tension. 700 mm maximum rewind diameter.

DEFECTS REWINDER

Advanced defects rewinder working in unison with the PrintFlow Manager and the Automatic Identification System (AIS).

SMART-330-HMS
INSPECTION MACHINE WITH INLINE SHEETER

REDUCE MISTAKES THROUGH WORKFLOW AUTOMATION

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BACK-SIDE NUMBERING
Compatible to install most major brand inkjet systems for back-side numbering after inspection on the liner. Optionally add a second webguide after numbering and prior to slitting for ultimate precision

FRONT-SIDE NUMBERING
Compatible to install most major brand inkjet systems for front-side numbering prior to inspection

Increase productivity through automation

SINGLE LAYER FILMS
Suitable to rewind thin films with optional Core-Lock differential rewind shafts. Slip threshold can be controlled from the touchscreen user panel. Lay-on rollers avoid air-bubbles during rewinding

SLITTING OPTIONS
Upgrade to an automatically positioned shear slitting system controlled from the User-interface to reduce set up times. Slit more materials with razor slitting or opt for crush slitting.

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

REWINDING OPTIONS
A range of options allow thin films to be rewound well. Passive and active solutions to remove static electricity. A lay-on roller to avoid air-bubles to build up. Upgrade to Core-lock differential rewind shaft and control the slip threshold from the HMI.

SMART-330-HMS	OPTION WIDTH 450MM/520MM		
	330	450	520
Min Paper Path	7m	7m	7.5m
Max Paper Path	12.5	12.5	13
Total Motor Power	7KW	10KW	14KW
Dimension	2800x1200x1500	2800x1325x1500	3000x1500x1600
Weight	1500KGS	1900KGS	2400KGS

* May vary depending on selected options&configurations