

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.



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



UNWINER & WEB GUIDING

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

AUTOMATIC IDENTIFICATION 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.



SLITTER

Standard shear slitting system with 6 knives. Easy to install. Features a standard waste suction system to productively trim edges.



Advanced slitter rewriter 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.



DEFECTS REWINDER

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



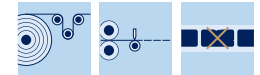
Recognises, records, and removes all defects

REWINDER

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



SMART-330-HMS / INSPECTION MACHINE WITH INLINE SHEETER



REDUCE MISTAKES THROUGH
WORKFLOW AUTOMATION



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-bubbles 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