

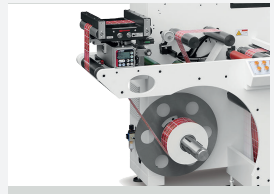
RHYGUAN

SMART-330-HMC | INSPECTION MACHINE WITH INLINE SHEETER

Advanced offline inspection solution with inline sheeter. The SMART-330HMC 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.

RHYGUAN

SMART-330-HMC	OPTION WIDTH 450MM/520MM
Max Web Width	330 mm
Inspect Web Width	330mm, 450mm, 520mm
Max Speed	120 m/min
Max Sheeting Speed	300 rpm
Max Unwinder dia.	700mm standard (upgradable to 1000mm)
Dimension	3800×1200×1460mm
Weight	1800 KG



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 automatic inspection machine with inline sheeter

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.



SHEETER

Independent servo driven Rotary sheeter unit. Sheeting distance from 50mm to 1000mm can be set on the SMART touchscreen



Recognises, records, and removes all defects

CONVERYOR BELT

1.6 meter long conveyor belt with simple collation function based on automatic sheet count and short acceleration of the belt speed to separate batches.



REWINDER

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



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OPTIONS AND AUTOMATION

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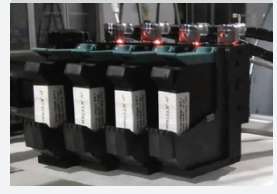


BACK-SIDE NUMBERING

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

AUTOMATIC SEPERATION

The automatic identification system will automatically separate out faulty labels, without slowing down the system to allow for maximum productivity



AUTOMATIC COLLATION

This productivity enhancing options will automatic collate cut labels into batches. Neatly stacked to enable productive packaging..



Reduce mistakes through workflow automation

JDF / JMF

The JDF/ JMF module will allow the SMART to receive JDF job data from your MIS/ERP to automate many settings. Automatically collect management information through JMF.





DEFECTS REWINDER

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