



BGM Elite Label-i 100% Inspection Slitter Rewinder



Benefits

- Automated inspection system that runs at speeds of up to 300m/min
- Cost effective 100% fully integrated Inspection system
- Slow down festoon with precise positioning on editing table
- Slit & rewind unsupported films as thin as 15 microns

BGM's Label-i is based on BGM's iSR model of inspection slitter rewinders which is the most cost-effective, compact and robust free-standing label inspection slitter rewriter on the market, boasting standard high specification features commonly found on more expensive slitter machines.

By keying in the rewind shaft size, the machine will automatically adjust the acceleration / deceleration times optimizing productivity output, automatic unwind braking with an adjustable roll end, reversible rewind & machine diagnostics. It is fast and highly energy-efficient.

Fitted with E+L's SmartScan camera system designed for print inspection. It features a special LED illumination concept that features reverse and front lighting to allow 100 percent inspection and detection on both sides of the substrate (200 percent). This enables detailed print image inspection, splice detection and detection of missing labels, unremoved matrix, etc. It is suitable for paper labels, transparent clear-on-clear and films.

BGM's Label-i can inspect, slit and rewind unsupported & supported substrates as thin as 15 microns at speeds of up to 300m/min.

FULL SPECIFICATION ON REVERSE



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BGM Elite Label-i 100% Inspection Slitter Rewinder

Standard Features:

Web Width

- 410mm (16")
- 450mm (17.750")

Unwind

- 2700 linear metre capacity - diameter 700mm (27.5")
- 76mm (3") air expanding unwind mandrel
- Electromagnetic particle brake
- Ultrasonic roll compensation
- Roll end facility adjustable via the HMI touch screen

E+L Smartscan S Inspection system

- Slow down festoon
- Error positioning
- Adjustable splice table
- Dual air operated splice clamps

Web Guide

- Electronically controlled web guidance system
- Ultrasonic sensor for clear and opaque materials

Error Positioning Table

- Adjustable Splice
- Dual air operated web clamps (Fully interlocked)

Draw Roller

- Nip roller impression air operated
- Silicone covered
- Main motor AC

Rotary Shear Cut Slitting System

- Unique quick set-up cartridge system
- Lateral cartridge adjustment +/- 8mm from datum point
- Datum point for ease of set-up
- Minimum slit width 13mm
- 3 complete sets of blades supplied
- Fully interlocked guards

Rewind System

- Electronically controlled torque rewind system
- 1000 linear metres capacity - diameter 406mm (16")
- 76mm air expanding rewind mandrel
- Fully interchangeable rewind shaft (quick release)
- Label in - Label out facility on finished roll
- Web advance with 5 dividers

Touch Screen Interface

- HMI operator interface
- Full machine diagnostic on interlocks
- Machine mode status

Counter Facility

- Label counter
- Linear metre counter
- Programmable slow down and stop facility

Machine Speed

- Variable speed up to 300 m / min (984 ft / min)
dependant on application and substrate

Machine Warranty & Certification

- 12 month parts warranty, ex works, Bradford, England
- 36 month BGM manufactured in-house parts warranty
- Warranties subject to manufacturers/suppliers terms and conditions
- CE certificate of conformity

Machine Requirements




- 230V 13 amp single phase electric
- 80 psi - 5.5 bar air



OPTIONAL EQUIPMENT AVAILABLE UPON REQUEST



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