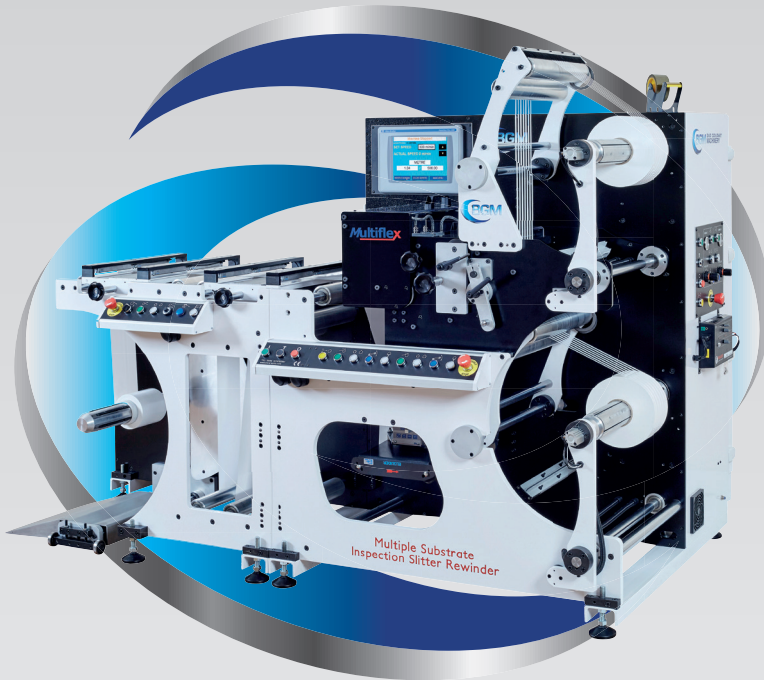


**BGM Elite 450 / 550 Multiflex Multiple Substrate
Inspection Slitter Rewinders**



Benefits

- Unique Finishing capabilities on a multitude of unsupported and supported Films, Foils, Papers and Light Board, utilising 1 machine for a wide variety of substrates and finishing applications.
- Modular design can be reconfigured for a variety of specialist finishing applications such as booklets, ticket & tags, wrap & colour chip labels.
- Intelligent taper tension control system achieves a perfect rewind profile every time.
- Job memory facility enables the operator to use pre-loaded job settings in a matter of seconds.

Specifically designed as a multi-purpose multiple substrate inspection slitter rewriter, the BGM Multiflex can finish a wide range of unsupported and supported Films, Foils, Label stock, Papers and Light Board from substrate thicknesses of 11 microns and upwards with a dynamic performance at speeds of up to 300 m / min.

The machine can accommodate a wide variety of automatic web inspection control systems, from sensor free MMLD, through to full 100% Inspection control. Due to the unique design of the fully modular Multiflex, a number of manufacturers inspection systems are retrofittable, offering detection of print errors such as text or ink irregularities, scratches, registration errors or colour variations. Fully automated workflow systems from press to rewriter, removal of waste whilst still inspecting the web are also achievable.

Primarily designed for flexible packaging, film and label applications, the Multiflex modular design can be reconfigured for a variety of specialist finishing applications, such as booklets, ticket & tags, wrap & colourchip labels.

FULL SPECIFICATION ON REVERSE

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BGM Elite 450 / 550 Multiflex Multiple Substrate Inspection Slitter Rewinders

Standard Features:

Web Substrates

- Multiple substrate unsupported Films/Foils/Papers/Light Board

Web Widths Available

- 450mm (17.750") web width
- 550mm (21.650") web width

Unwind

- Maximum diameter 760mm (30")
- 76mm (3") air expanding unwind mandrel
- Electromagnetic particle brake
- Ultrasonic roll compensation
- Roll end facility adjustable via touch screen
- Integral roll lift

Inspection Area

- Adjustable master roll splice table
- Dual air operated master roll web clamps (fully interlocked)
- Slow down festoon
- Synchronized stroboscope

Adjustable Splice Table

- Splice table adjustment from centre position +/- 70mm
- Dual air operated splice clamps (fully interlocked)

Web Guide

- Electronically controlled web guidance system
- Ultrasonic sensor for clear and opaque materials
- Easy set-up function

Servo Driven Draw Roller

- Nip roller impression air operated
- Silicone covered gear driven nip roller
- Motion controller servo driven

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
- 6 complete sets of blades supplied
- Fully interlocked guards

Crush Cut Slitting System

- Fully adjustable crush cut pressure
- Lateral adjustment +/- 8mm from datum point
- Minimum slit width 13mm
- 6 crush cut heads supplied

Servo Driven Rewind System

- Dual motion controlled servo rewinds independently driven
- 2 x 600mm diameter rewind capacity
- BGM's intelligent taper tension control system
- Air expanding rewind mandrel
- Fully interchangeable rewind mandrel (quick release)
- Fully supported rewinds with quick release pneumatic locking pistons
- Label in - Label out facility on finished roll
- Dual lay on rollers with independent regulator pressure adjustment
- Dual web advance feature
- Dual static elimination bars

10" Touch Screen Interface

- HMI operator interface
- Full machine diagnostic on interlocks
- Machine mode status Counter facilities
- Digital roll end facility
- Converter chart metres to feet - feet to metres, including label converter
- Variable machine speed set through touch screen interface
- Job memory storage facility
- Remote diagnostics - internet connection required

Counter Facility

- Label counter/ Clear on clear sensor
- Linear metre counter
- Total counter
- Batch counter
- Counter password protection (enables production to calculate productivity output from individual shifts)
- Fully automatic slow down and stop facility, once label/metre length is programmed machine will automatically calculate slow down and stop values, regardless of running speed

Machine Speed

- Variable speed up to 300m / 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

- 3 phase 32 amp
- 80 psi - 5.5 bar air

OPTIONAL EQUIPMENT AVAILABLE UPON REQUEST

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