

BGM Elite DSR High Speed Die Cut Slitter Rewinder



Benefits

- With die cutting speeds of up to 250m/min this is the fastest machine in its class on the market.
- Solid, robust die station accommodates most styles of dies, utilising existing dies and minimising tooling costs.
- With the aid of a support attachment on the rewind, the machine is capable of running 12.7mm cores - this is not achievable by virtually any other manufacturer.
- Independently driven, electronically controlled waste and product rewind systems, with independent variable tension control, meaning no inconsistent tension problems as with old fashioned high maintenance mechanical clutches.
- As our machines are designed and built in-house, we have the unique ability to tailor equipment to meet the specific requirements or requests of our customers.

Without doubt this is the fastest, most cost effective, compact and robust, free-standing label die cutting machine on the market. The DSR has rotary die cutting speeds of up to 250m/min, running efficiently on a simple 13 amp 230V plug.

The machine can also be used as a conventional slitter rewinder - maximising the finishing departments' capabilities. High specification features commonly found on more expensive machines are fitted as standard, such as automatic unwind braking with adjustable roll end, reversible rewind & machine diagnostics.

The robust die station utilises existing tooling with vast savings on tooling costs. The waste rewind is independently driven with variable tension control, ensuring perfect waste removal regardless of the label shape and size, adhesives cause no difficulties either. The LCD screen enables the operator to set up the machine fast and efficiently.

FULL SPECIFICATION ON REVERSE

Bar Graphic Machinery Ltd
Rhodes House, 6 Oxford Place, Bradford
West Yorkshire, England, BD3 0EF



+44 (0) 1274 730 981
sales@bargraphic.com
www.bargraphic.com



BGM Elite DSR High Speed Die Cut Slitter Rewinder

Standard Features:

Web Width Available

- 265mm die cut width 300mm web width
- 370mm die cut width 410mm web width
- 410mm die cut width 450mm web width
- 480mm die cut width 500mm web width

Unwind

- 2000 linear metre unwind capacity - diameter 700mm (27.5")
- 76mm (3") air expanding unwind mandrel
- Electromagnetic particle brake
- Ultrasonic roll compensation
- Ultrasonic roll end facility

Adjustable Splice Table

- Dual air operated splice clamps

Rotary Die Station

- 1/8 CP 20 degree pressure angle
- Fully through core hardened anvil
- Waste capstan roller with adjustable tension control
- Waste rewind independently driven ensuring outstanding matrix stripping with adjustable tension control
- 76mm (3") mechanical waste rewind mandrel

Driven Draw Roller

- Nip roller impression air operated
- Silicone covered gear driven nip roller

Rotary Sheer 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")
- 1 x 76mm (3") air expanding rewind mandrel
- Fully interchangeable rewind mandrel (quick release)
- Label in - Label out facility on finished roll

Diagnostics

- Interlocked diagnostics for ease of operation

Counter Facility

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

Machine Speed

- Variable speed up to 250 m / min (820 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 conformity certificated

Machine Requirements




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



OPTIONAL EQUIPMENT AVAILABLE UPON REQUEST



Bar Graphic Machinery Ltd
Rhodes House, 6 Oxford Place, Bradford
West Yorkshire, England, BD3 0EF

 +44 (0) 1274 730 981
 sales@bargraphic.com
 www.bargraphic.com

