

Paragon INTERMITTENT MOTION CARTONER



The Paragon cartoner is all-in-one system designed to erect flattened cardboard cartons before filling them with a variety of different products, all in a continuous motion.

FEATURES & BENEFITS

- Compact footprint requires less floor space.
- Rugged, heavy-duty 3"x3" welded tubular frame handles high-speed 24/7 applications with design room to spare.
- Ergonomically placed, push-button HMI directs standard PLC for simple, low cost, easy to maintain machine control.
- MGS unique drive scheme simplifies maintenance and minimizes use of chains, belts and gear boxes.
- Proven "Plug-in" product handling/feeding modules reduce engineering time and project costs.
- Captured carton carrier chain design reduces marring on cartons, increases chain life and creates squarer cartons.
- No-tool, quick changeover carton setup masks and drop-in flap folding plows & guides reduces carton changeover time to minutes.
- Accessible, fall-through product containment shelf system collects product debris for ease of sanitation and maintenance.
- ANSI/PMMA B155.1-2006 safeguarding system supports the latest in global safety guidelines.



IMPACT AUTOMATION SOLUTIONS

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Agents for: MGS, Lakewood Process Machinery, AZCO, A-One Packaging, Modular Packaging

Eclipse INTERMITTENT MOTION CARTONER



BASE MACHINE

- **Product Handling** - Utilizing innovative MGS standard or custom designed modules
- **Magazine** - 48 inch long, powered, adjustable carton magazine
- **Carton Set-Up** - Patented MGS rotary carton setup and carton pre-break system
- **Product Loading** - Compact barrel cam loader with automatic reject of product not loaded
- **Carton Closing** - All types of tuck and/or hot melt closing styles as well as custom closures
- **Sensing Controls** - No carton-No Load, No product-No Load, No Carton-No Glue with auto product discharge, upstream and downstream surge controls and open flap detection
- **Motion Control** - 5 Hp ACVF main drive motor; AB 5/04 PLC controller; PLS timing control
- **Maintenance** - Overload detection, electronic and manual trouble shooting aids
- **Changeover** - Lead screws with permanently mounted ratchets; No tool carton width, depth and length adjustments; Phase adjustable flight chain and infeed buckets; Digital readouts at all screw adjustment points; Other adjustments use Kipp handles with mounted scales or pointers

OPTIONAL FEATURES

- Fully Automatic Product Handling/Collating
- Touchscreen HMI Systems
- Coupon Feeding
- Washdown Construction Upgrades
- Coding/Marking/Vision Systems
- Stainless Steel Frame
- Bar Code Verification Systems
- MGS RS View 32 Custom HMI
- Message Displays

CARTON STYLES

- Economy or FOL Glue End
- Straight tuck
- Reverse tuck
- Airplane tuck
- Fifth panel cartons

SPECIFICATIONS

- **OUTPUT:** Up to 90 CPM
- **POWER:** 230/460VAC, 3 phase, 50-60hz
- **AIR:** 5 SCFM @ 80 PSI

Centers	Carton Size	L	W	D	Max Speed
	Min	50.8mm	19.05mm	127mm	300CPM
9"	Max	139.7mm	114.3mm	279.4mm	300CPM
9"	Max	177.8mm	114.3mm	279.4mm	250CPM
11.25"	Max	234.95mm	114.3mm	279.4mm	200CPM

