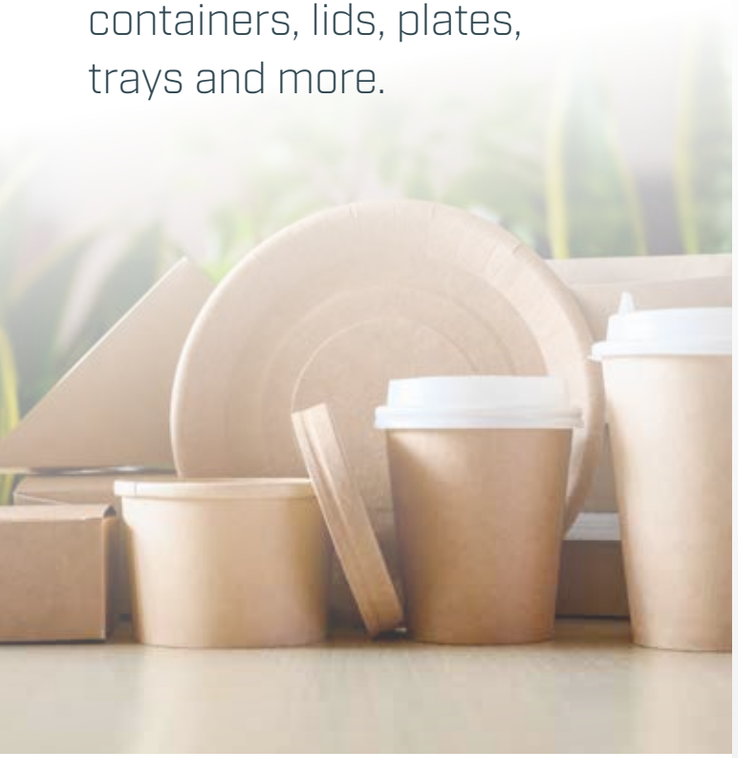
NAS is the leading food service packaging automation designer and manufacturer for full-line material handling and packaging of

paper and plastic cups, containers, lids, plates, trays and more.



Seeing is believing.

See all of our solutions in action.

Forming, Tooling & Automation Solutions

BMG Forming Solutions: Brown, Lyle and GN provide the most innovative, durable and dependable thermoforming equipment in the industry, from entry-level thermoformers to the most technologically-advanced turnkey systems. Our vast experience, wealth of knowledge and relentless innovation has led us to design and build the most advanced and productive thermoformers in the world.

BMG Tooling Solutions: Freeman and GN tooling is built to precise specifications, utilizing state-of-the-art equipment and advanced technologies with the tightest tolerances in the industry. Founded in 1892, Freeman has a rich legacy of innovation and market leadership. We are the premier provider of the most productive paper and plastic thermoforming tooling packages available.

BMG Automation Solutions: NAS Nalle Automation Systems is the leading food service packaging automation designer and manufacturer for full-line material handling and packaging of paper and plastic cups, containers, lids, plates, trays and more.

With locations across the globe and installations in over 85 countries, BMG is the world's leading provider of forming, tooling and automation solutions. We are dedicated to determining and delivering the best solutions, whether it's new materials, faster setup times, higher output or improving part quality. We work with you to identify your needs, challenges and priorities. We listen closely, understand your situation and deliver the optimal solution to achieve your desired results while improving consistency, speed and profitability – **so you can Run With Confidence**.

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BROWN LYLE GN NAS FREEMAN

NAS



Work smarter, faster, better.

with NAS in-process and end-of-line material handling and packaging automation

- Automated Counting & Packaging for Cups & Containers
- Automated Lid, Plate & Tray Packaging
- General Purpose Wrapping/Bagging
- Robotic & Conventional Case Packing
- Robotic Material Handling
- Robotic End Of Arm Tools (EOAT)
- Mantis™ Robotic Trim Press Handler
- Trim Press Handling Systems

Shaping **next.**

sales@onebmg.com **+1 865 777 9477** **onebmg.com**

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COUNTING & BAGGING

- Customizable for vertical or horizontal layouts
- Industry-leading speeds and accurate counting utilizing patented technology
- Built-in reject and product re-introduction capability
- Fully welded, powder-coated steel frames
- Standard air cushion slowdown to prevent damage on vertical counters
- Gear, fiber optic and laser counting available



TRIM PRESS HANDLING

- Compatible with all long-eject servo trim presses
- Dramatically reduce the need for manual labor
- Transfer products from the trim press to downstream equipment for packaging
- Accommodates multiple tier configurations



CASE ERECTING & PACKING

- Erect cases and pack product sequentially within the same machine
- Top and/or side load options
- Flexible tooling to pick and erect multiple case sizes to eliminate changeover needs
- Multi-lane feed system
- Bottom and/or top case sealing systems available
- Compact footprint
- Multiple case magazine sizes available
- Robotic caseloading and/or erecting options



ROBOTIC MATERIAL HANDLING

- Turnkey systems using custom-designed robotic solutions
- Custom built EOATs
- Sidewall blanker unloading and stacking with our patented C-RUSH system
- Loading and unloading of WIP, assembly, finishing, packing & palletizing



E-COMMERCE BAGGING

- Automatically encases the product, applies labels, and presents the package for shipment
- Identifies product edges, allowing bags to be made in various lengths
- No need for preformed bags
- Low-temperature sealing system significantly reduces film build-up
- Easy to integrate to current WMS systems



MANTIS™ NON-LONG-EJECT TRIM PRESS HANDLING

- Specifically designed for non-servo, continuous-flow trim presses but compatible will all ejection types
- Compact, flexible configurations
- 4x faster changeover
- 75% labor reduction
- VeriTool™ RFID tool verification

Mantis

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The NAS Product Solutions at a glance.