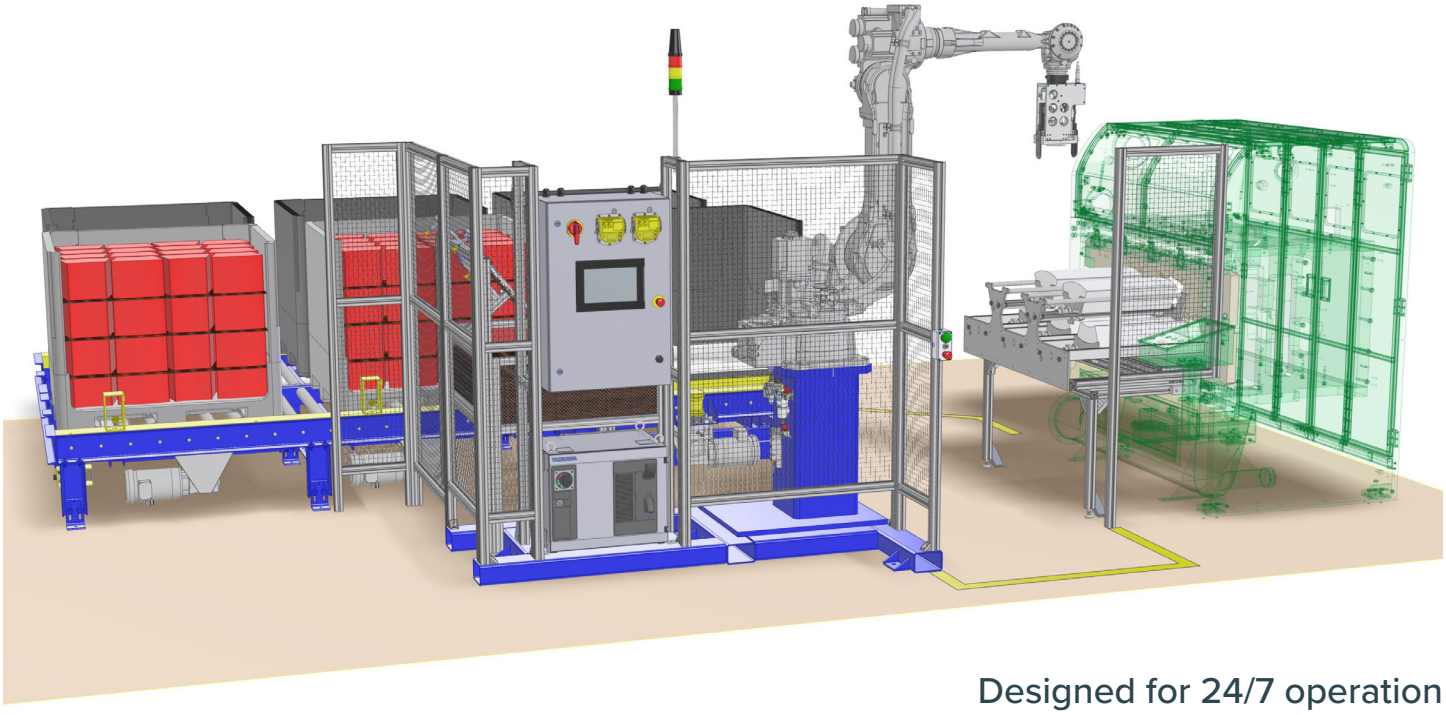
NAS

C-RUSH Die Cutter



Designed for 24/7 operation saving you on production time.

Handling System

Increase throughput while reducing labor costs with the C-RUSH Die Cutter Handling System

The well-proven NAS Nalle Automation Systems C-RUSH System automatically removes sidewalls from high-speed, vertical die cutters (blankers) and robotically places the sidewalls into work-in-progress containers. The turnkey system uses a single, uniquely designed robotic End Of Arm Tool (EOAT) to automatically unload a multi-lane die cutter before placing each stack of sidewalls into a tote. Lane handling and stacking configuration includes interleaving tier sheets and stacking patterns engineered to each cup's specifications.

The C-RUSH System automatically changes its configuration with no operator intervention when changing dies.

ADVANTAGES

- Operators are not required to have robotic experience or need a high level of training to operate
- The C-RUSH System is capable of handling 2,000,000 21oz sidewalls per day or the equivalent of over 20 tons of sidewall handling. This reduces soft tissue damage while permitting employees to be redeployed to other, less physically-demanding jobs
- Designed for 24/7 operation
- C-RUSH makes die-cutters more productive by reducing die cutter downtime or needing to slow down production due to personnel fatigue

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Seeing is believing.

See the C-Rush Handling System in action.

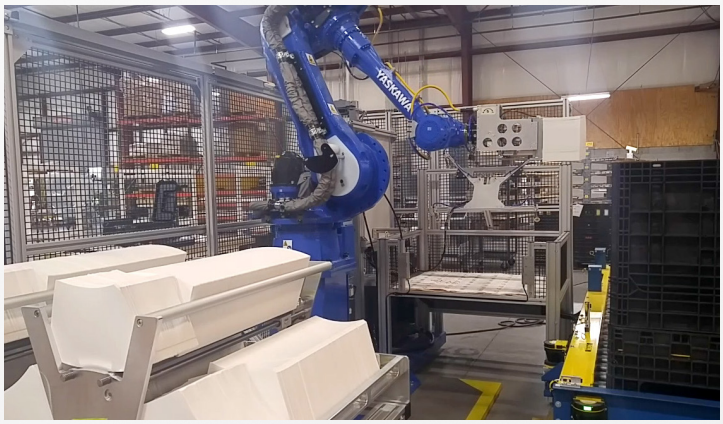
C-RUSH Die Cutter Handling System

DESIGNED FOR EFFICIENCY

The C-RUSH System has been highly engineered based on years of production run time and process refinement. This advanced, turnkey C-RUSH System offers immediate advantages to cup manufacturers.



Built, installed & supported by NAS Nalle Automation Systems



FEATURES

- Designed for collaborative use by allowing the operator to interface with the die-cutter via pausing and resuming robot automation
- Capable of servicing a 5-cavity die with the die-cutter running at 425 strokes/minute
- Single EOAT handles cup sizes from 12oz to 30oz
- Die-cutter output is managed by a “Die-cutter Output Lane Assembly” (DOLA) designed specifically for each die
- Automated conveyor system transfers empty totes into load position after full totes are automatically discharged
- Operator safeguards include fencing and personnel laser-based area sensors providing CAT 3 safety
- Sidewall picking and placing parameters are contained within each Smart-DOLA™ via “recipes”
- Automatic recovery after E-STOP clear acknowledgment
- Optional interface with PMC HS800 die-cutter allows system to regulate the speed of the die-cutter
- Major system components are integrated on a steel weldment permitting rapid installation
- Conveyor system is designed with Automated Guided Vehicle (AGV) capabilities

To see how BMG Automation Solutions can help your business, reach out today.

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