MHM AUTOMATION
By Fortifi

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ROBOTIC DE-BAGGER

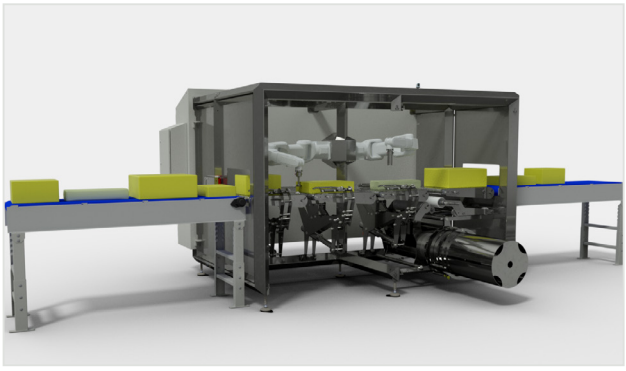
DBMB

Automates the removal of vacuum bags from multiple cheese block shapes and sizes.

Also known as the De-Bagger Multi-Block, or DBMB, the Robotic De-bagger is capable of managing virtually any block size or type on-the-fly, without operator input.

It safely and reliably removes the vacuum bag to present an undamaged, uncontaminated block to the processing line every time.

When combined with the Defect and Foreign Object Detection (DFOD) module, the system provides unprecedented confidence that product entering the processing line is in perfect condition, free from defects and plastic bag residue.



BENEFITS

- Reduced labour – allows staff to be re-deployed to higher value work
- Risk of product contamination is removed
- Manual handling, knives and the associated risk of injury to staff is eliminated
- Waste plastic is managed efficiently
- A single machine will handle multiple cheese formats

FEATURES

- Large processing envelope: 430w x 530l x 250h (16 ¾" x 20 ¾" x 10")
- On the fly product recognition
- Turnkey 24/7 operation
- Low air consumption
- Sanitary FDA design
- 6 axis robots
- IP69K CIP critical components
- Easy access cartridge waste station
- Meets NFPA 70 (NEC) and ANSI/RIA R15.06 standards
- Fast easy access for wash down and maintenance

CAPACITY

Product	Automatic block type detection
Packaging	Multiple bag types
Product weight	Up to 40kg (88lb)
Rate	8.5 blocks per minute, nominal (block dependent)
Flexibility	Dynamic product processing with defect compensation
Waste	600-plus bags per cartridge change

EQUIPMENT

Footprint	2350mm W x 3400mm L x 2100mm H (93" W x 134" L x 83" H)
Robots	2 six axis robots
End effectors	Quick change helical grapple and blade
Stations	3 static slider beds 1 dynamic shuttling slider bed
Actuators	Mechanical or pneumatic option
Waste removal	Auger with removable housing and on-the-go changeover

CONTROL

PLC	Allen Bradley
Operator interface	Allen Bradley PanelView
Communications	Ethernet/IP
Alternative	Client preferred hardware on request

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Learn more and watch videos of Robotic De-Bagger (DBMB) on our website.

▶ See it in action

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