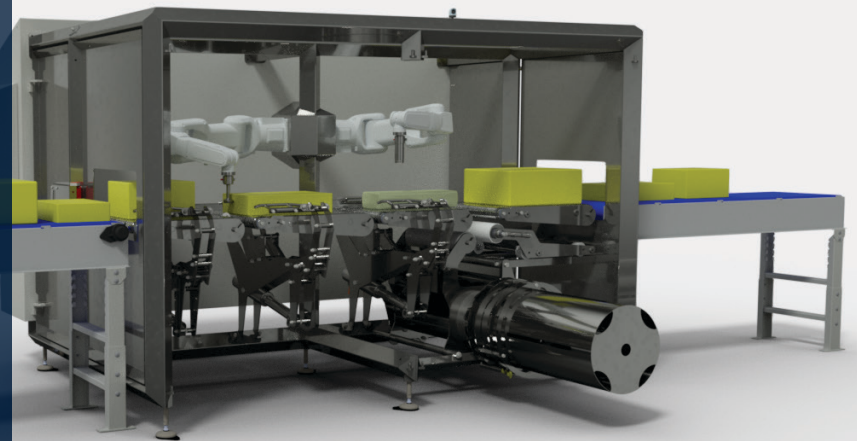




ROBOTIC DE-BAGGER

DBMB



The H&C Robotic De-Bagger unit uses H&C's proprietary bag removal technology and is designed to handle the most complex of in-feeds.

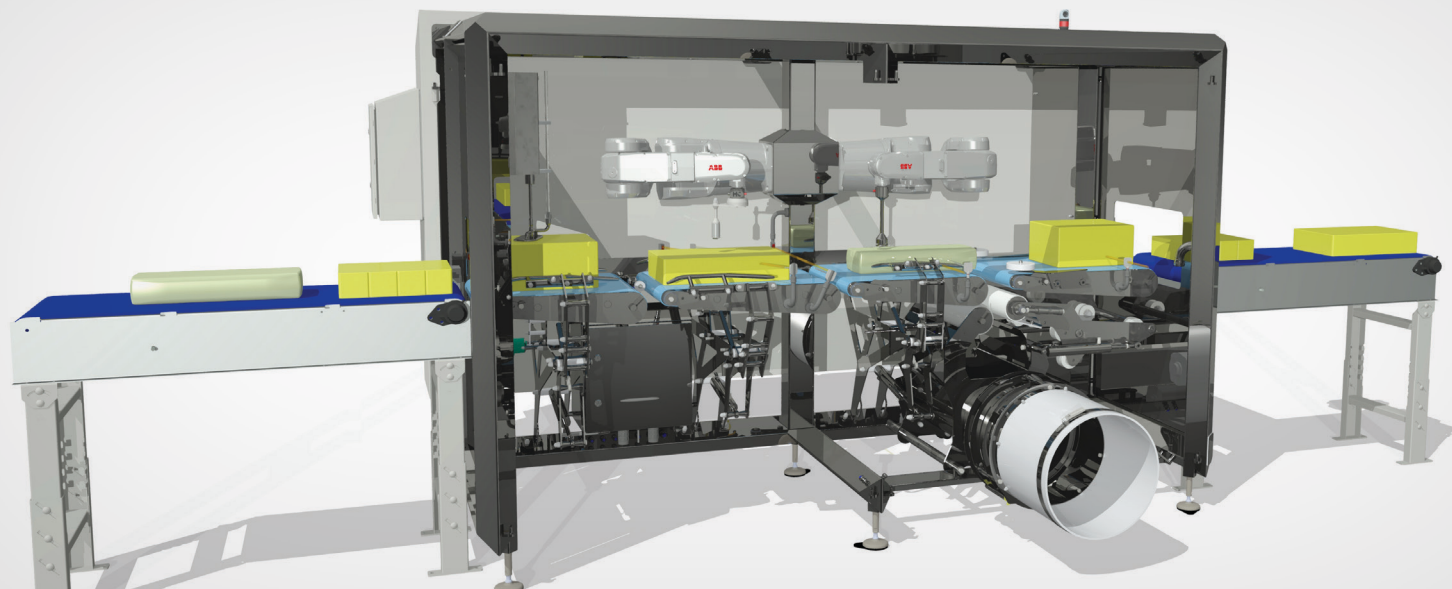
Also known as the H&C De-Bagger Multi-Block (DBMB), the unit incorporates revolutionary innovation to give you unparalleled on the fly flexibility while minimising the likelihood of leaving plastic residue on the outgoing cheese block.

It accepts virtually any cheese type and will safely and reliably remove the bag presenting an undamaged block to the processing line every time.



THE BENEFITS OF AUTOMATING THE CHEESE BAG REMOVAL PROCESS ARE:

- › 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
- › When combined with the DFOD the system provides a high level of assurance that the product being presented to the line is in perfect condition and defect and foreign object free



FEATURES

Large processing envelope: 16 ¾" x 20 ¾" x 10" (430w x 530l x 250h)

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