

# De-Bagger Multi Block **DBMB™**



**At Haden & Custance we are constantly developing ways to make your value chain operate better, safer and faster.**

The De-Bagger Multi Block (DBMB™) unit uses Haden & Custance's proprietary bag removal technology and is designed to handle the most complex of in-feeds. The unit incorporates some revolutionary innovations that give you unparalleled 'on the fly' flexibility while minimising the likelihood of leaving plastic residue on the outgoing cheese block. The DBMB™ accepts virtually any cheese type and will safely and reliably remove the bag presenting an undamaged block to the processing line every time.

Combined with our defect and foreign object detection (DFOD™) module the system can provide you with a very high level of assurance that what is being presented to your processing lines is defect free without the need for any human intervention. This increases the quality of your end product and helps to maximise the availability of the entire process line.

**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.

# De-Bagger Multi Block DBMB™

Turnkey solutions...  
Beautifully delivered ➤



## 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 & maintenance



## Capacity

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

## Equipment

Footprint	93" x 134" x 83" (2350w X 3400l X 2100h)
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 & on the go changeover

## Control

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

Talk to our team  
now to find out more  
about the DBMB™

NZ Phone: +64 (6) 872 7140  
USA Toll Free: 800-351-1745  
Email: [enquiries@hadencustance.com](mailto:enquiries@hadencustance.com)  
[www.hadencustance.com](http://www.hadencustance.com)



**H&C** HADEN &  
CUSTANCE

[www.hadencustance.com](http://www.hadencustance.com)