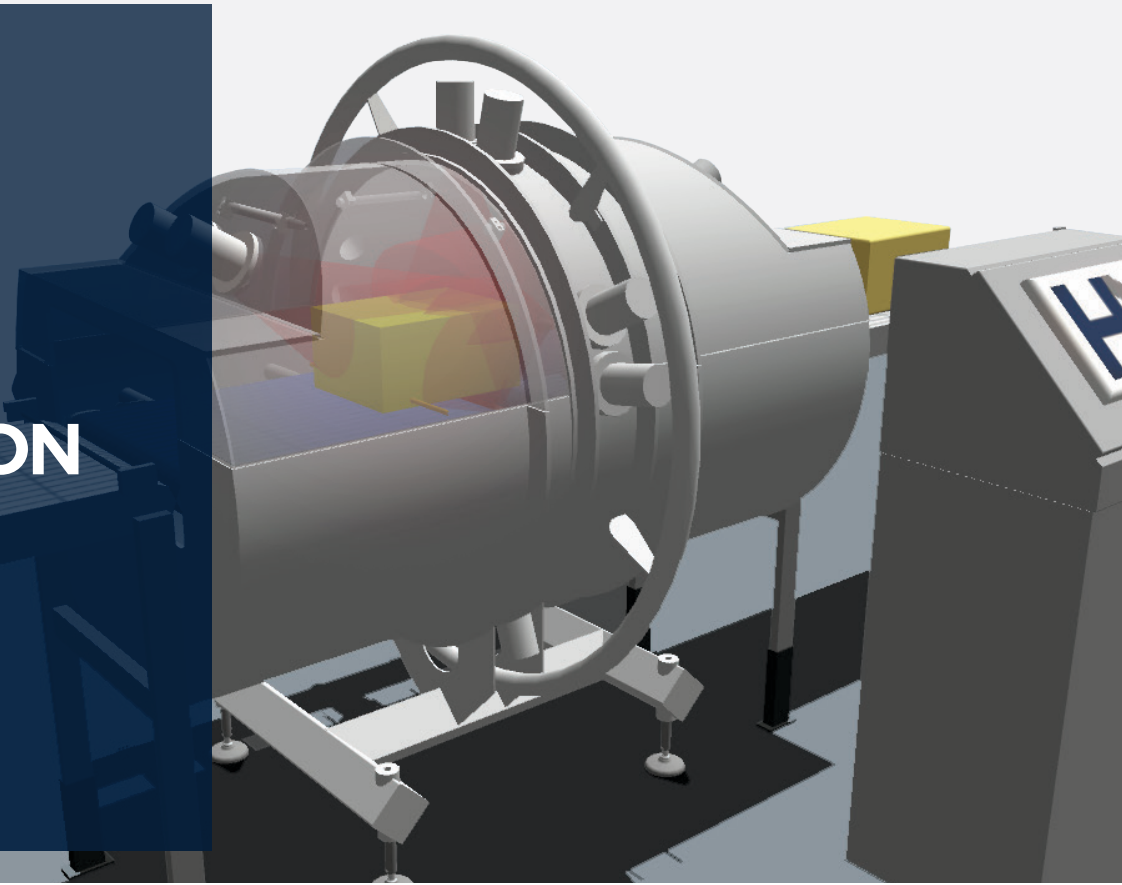




MOULD DETECTION UNIT

DFOD



Worried about selling mould contaminated cheese? Concerned about processing cheese with foreign material on it?

The H&C Mould Detection Unit, also known as the defect and foreign object detection system (DFOD), provides the critical control point prior to further processing.

If you are slicing or shredding cheese, this system detects defects on varying formats from 10kg to 20kg (20lb to 40lb) cheese blocks.

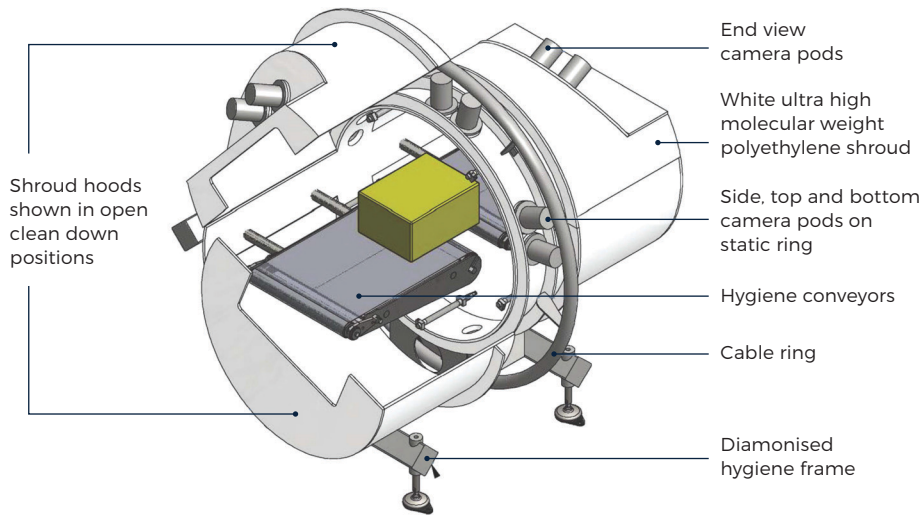
THERE ARE THREE VARIETIES OF THIS TECHNOLOGY:

- > Inspection through the clear plastic bag for visible colour defects prior to de-bagging
- > Inspection for visible colour defects after de-bagging
- > A world first, inspection for visible colour defects and detection of clear plastic bag residues after de-bagging

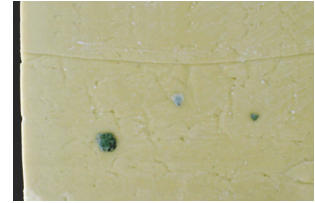
This technology can also be retrofitted to suit your existing lines.

THE BENEFITS OF AUTOMATING THE CHEESE INSPECTION PROCESS ARE:

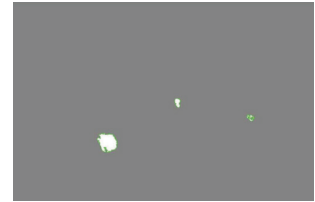
- > Reduced labour – allows staff to be re-deployed to higher value work
- > Provides the critical control point prior to slicing or shredding
- > A single system able to handle multiple block sizes
- > Detect mould prior to bag removal, reducing downtime due to contamination
- > Efficient and reliable machinery with meticulous detection



The image below shows three mould spots on a cheese block.



The defect detection tool then identifies and highlights the three mould defects.



FEATURES

Inspects all six sides of the block

Easy to use interface with inspection tools available for defect detection setup

Full hygiene washdown equipment available

Fast, easy access for cleaning

Compact size, for easy integration into new or existing lines

Optional detection of clear plastic bag residues

CAPACITY

Format	Multiple block formats
Rate	Up to 12 blocks per minute
Block orientation	Accepts blocks narrow face leading
Min block dimensions	L x W x H 13" x 6" x 3.5" 330mm x 180mm x 90mm
Max block dimensions	L x W x H 21" x 11.5" x 7.5" 530mm x 290mm x 190mm

EQUIPMENT

Footprint	L x W x H 62" x 55" x 67" 1560mm x 1390mm x 1700mm
Software	Utilises best in class Cognex VisionPro image analysis
Sensors	Up to 12 sensors for accurate detection
Additional	Optional inbuilt conveyors

CONTROL

Operator interface	Industrial PC and touchscreen
Communications	Hardwired reject signals