

Slicing and packaging

Key Issues:

- High speed
- Slicing
- Waste/crumb/damage
- Traceability
- Lines in slice
- End of line
- Sell by date/label/barcode
- Tray handling
- Safety
- Palletising

Equipment Used:

- Drives: Servo + Variable speed drive
- Sensors
- PLCs
- HMI
- Robots
- Pick & place
- RFID/trays
- QS/WS
- I/O & MES
- RFID/barcode



High speed output needs high speed packaging solutions

Reduce waste

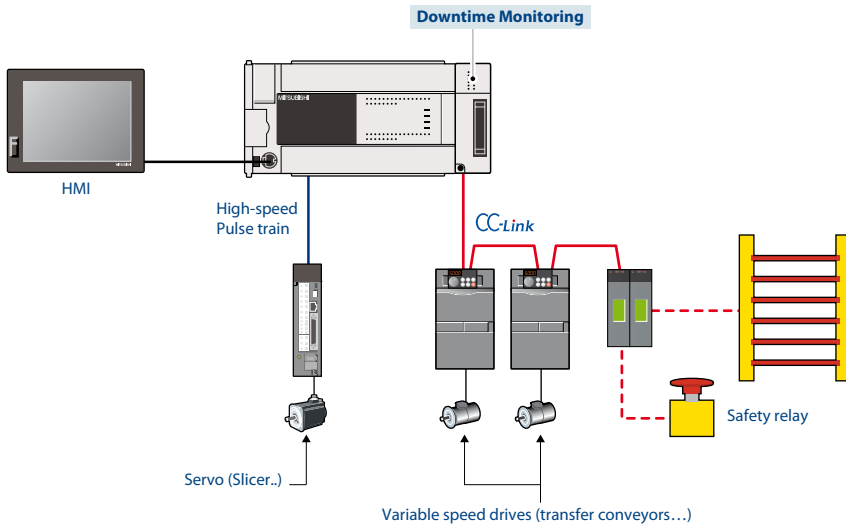
The final part of the process before shipping is the Slicing and Packaging section. The requirement for high speed operation is desired for maximum throughput.

The product now has reached its maximum value to the manufacturer so waste reduction at this stage is critical, reduction due to crumb waste and deformation of bread slice is handled using servo control based systems.

Labelling for the product track and trace and sell by date requirements need to be managed by the control system, with records and reports for regulatory compliance.

Palletising for order make up and final despatch is the last physical activity. For these, safety is paramount. People are likely to be working in close proximity with complex high speed machinery, active safety control systems ensure the most secure possible working environment.

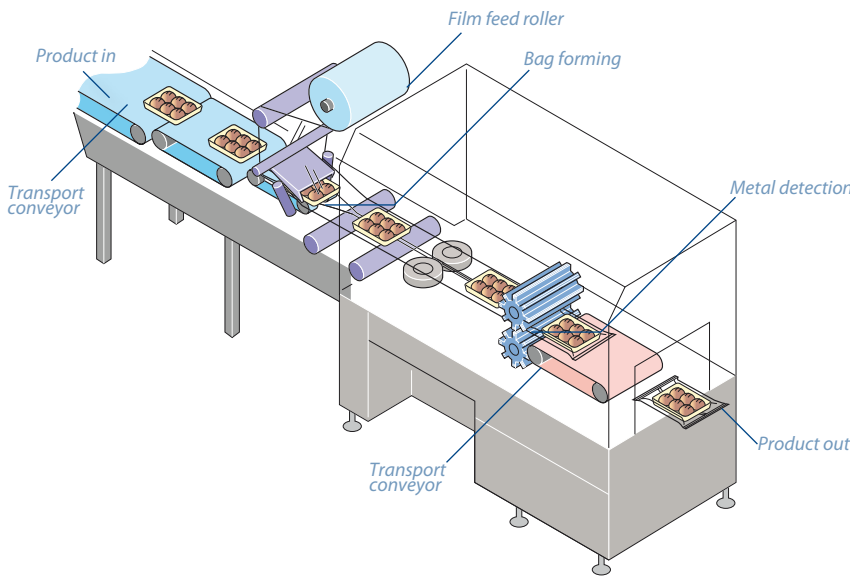
Further information on Mitsubishi packaging solutions can be found in our packaging brochure.



Downtime can be monitored automatically



Traceability and data logging is a key part of the process



Packaging a host of bakery products such as bread, pizza etc

Mitsubishi Automation System Solutions:

- High speed
- Traceability/data loggers
- RFID interface
- Advanced energy saving
- Networking
- OEE
- Remote I/O