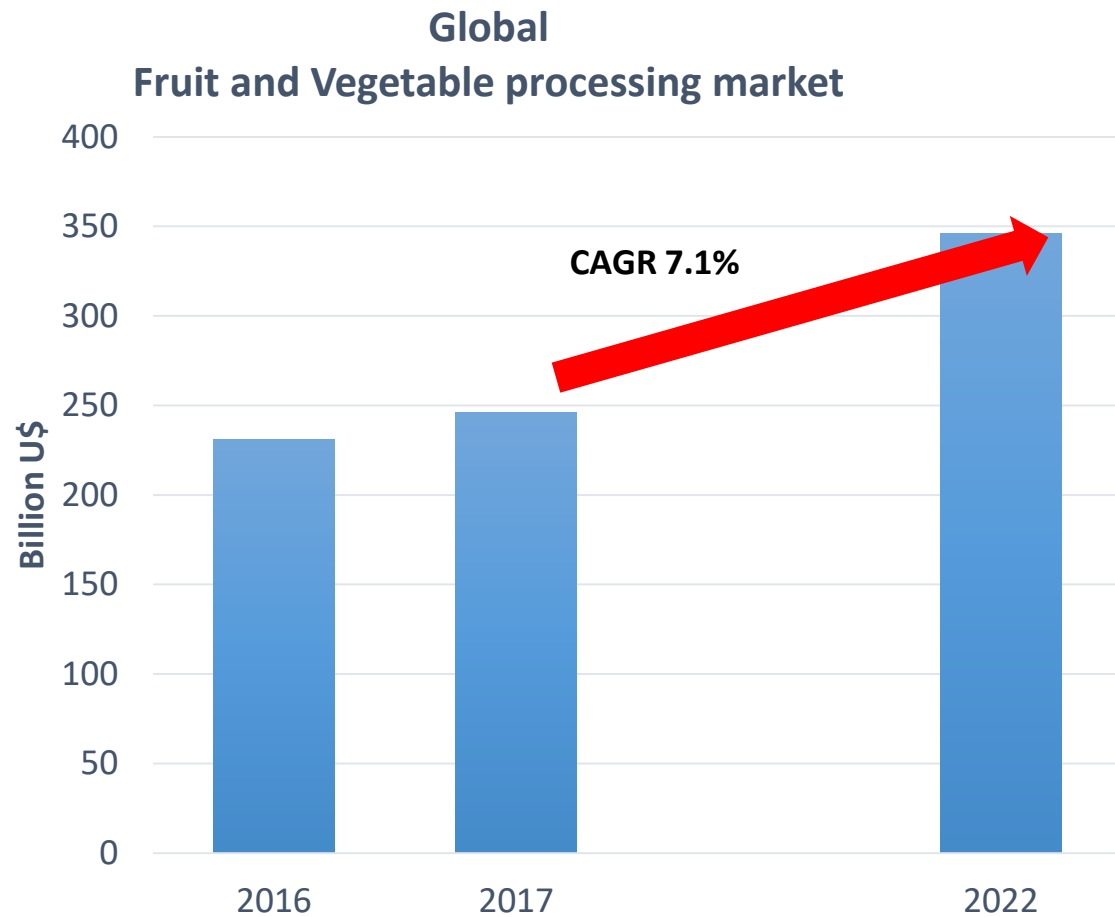


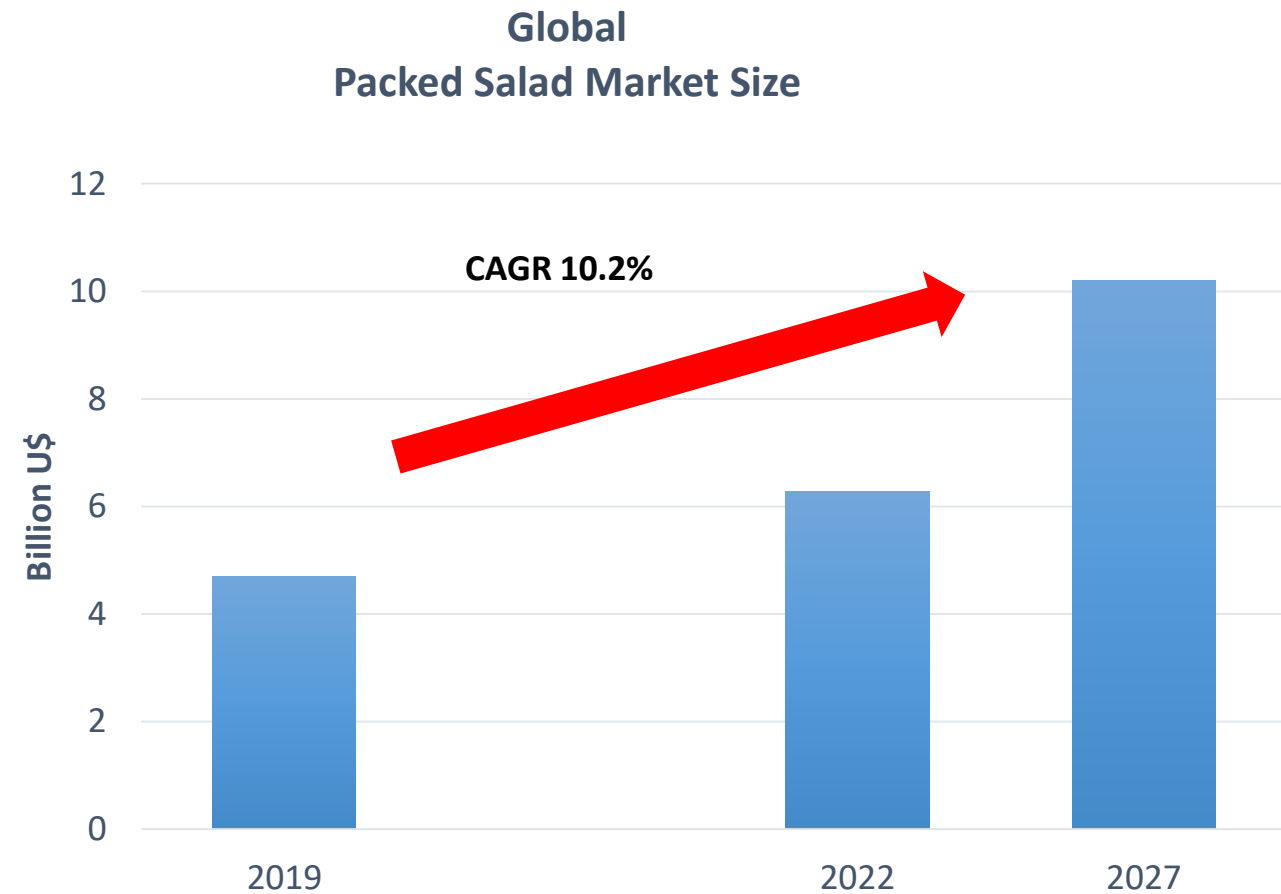


***Automate Your Production, Enhance
Your Productivity – Fresh Produce***

Big Opportunity for Fresh Produce Industry



<https://www.marketsandmarkets.com/Market-Reports/fruit-vegetable-processing-market-140232885.html>



www.grandviewresearch.com

Challenges for Fresh Produce Producers



Weighing, Packaging and Quality Inspection (Snap Peas)

Fear against Food Poisoning

- ▶ Cyclospora
- ▶ Salmonella
- ▶ Norovirus



Industry Standards



European Hygienic Engineering & Design Group



United States Department of Agriculture



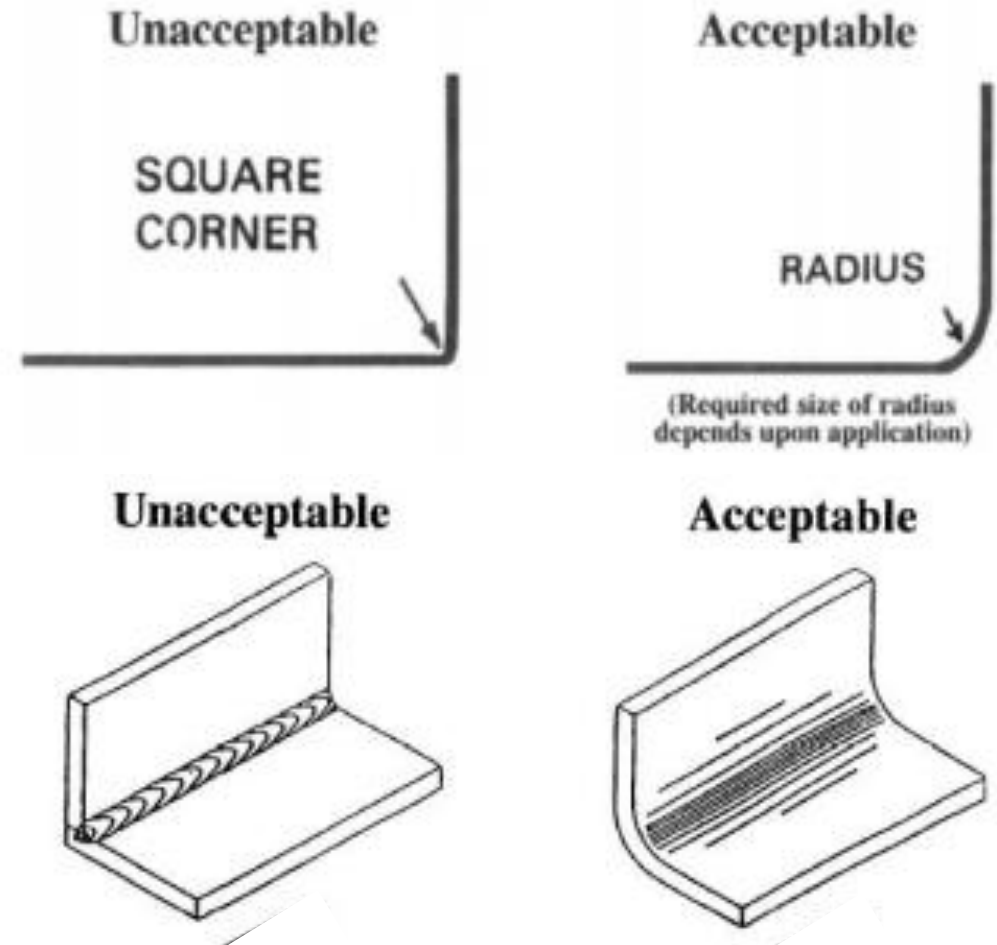
Global Food Safety Initiative



British Retail Consortium

Basic Machinery Directive (*Suppressing Saprophyte Propagation*)

- ▶ Product's contact surface
 - ▶ Certified material
 - ▶ Complete buffed
- ▶ Harsh machine cleaning process
 - ▶ IP69K rating
- ▶ Open construction design
 - ▶ All exposed for washing
- ▶ No gap, No cavity
 - ▶ Possible to dismantle or complete filling-up
 - ▶ Round corners
- ▶ No water remaining
 - ▶ Water drainage slope
 - ▶ No dead-end

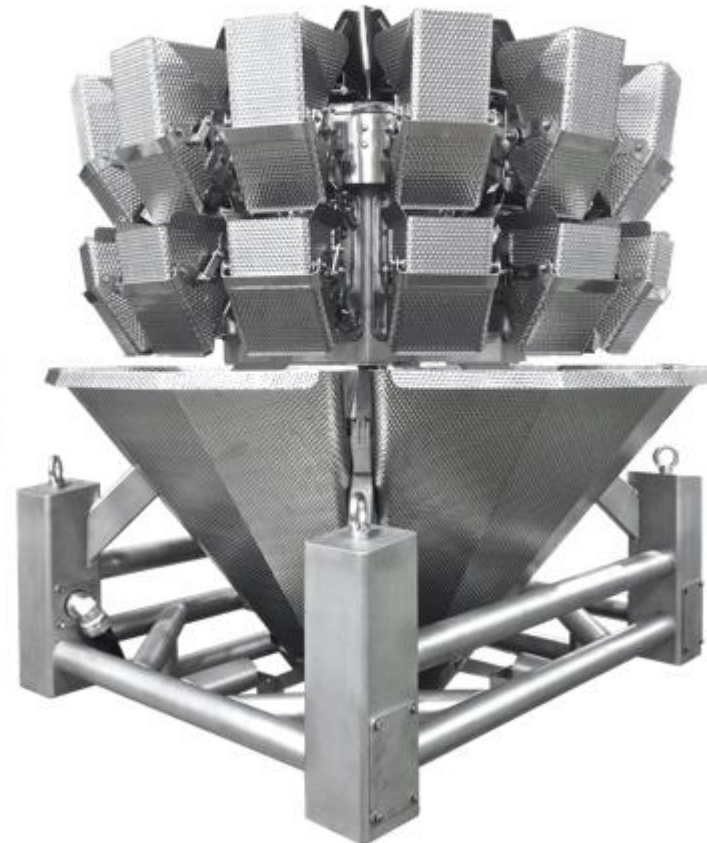


Ishida's Challenges – Conformity to Hygienic Requirements

- ▶ Open Frame
- ▶ FDA listed material
- ▶ IP69K

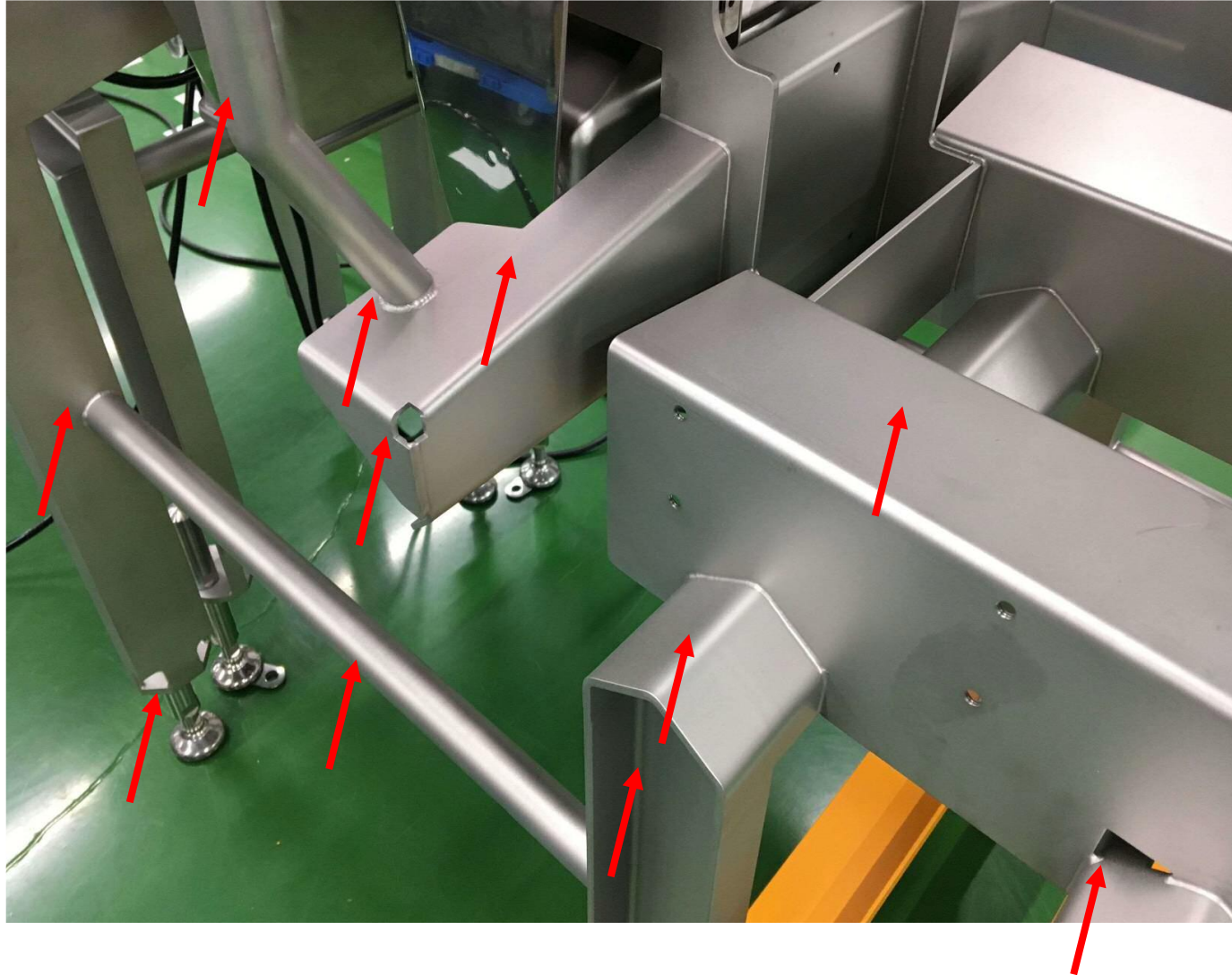


Standard Cabinet Design



Open Frame Design

Ishida's Challenges – Pursuit to Hygienic Design



Ishida's Challenges – State of the Art Technology!



Hygienic Design with High Profitability

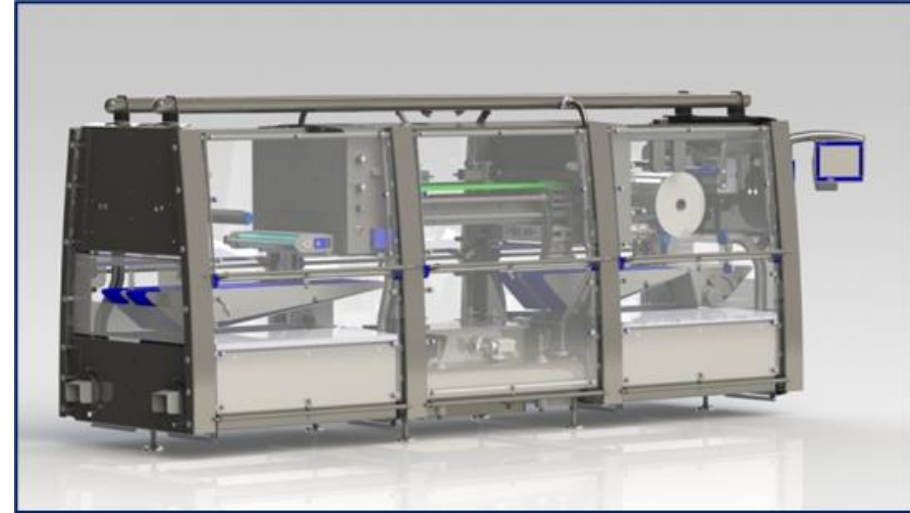
- ▶ Multihead Weighing is available to Fresh Produce



Minimal Give-away

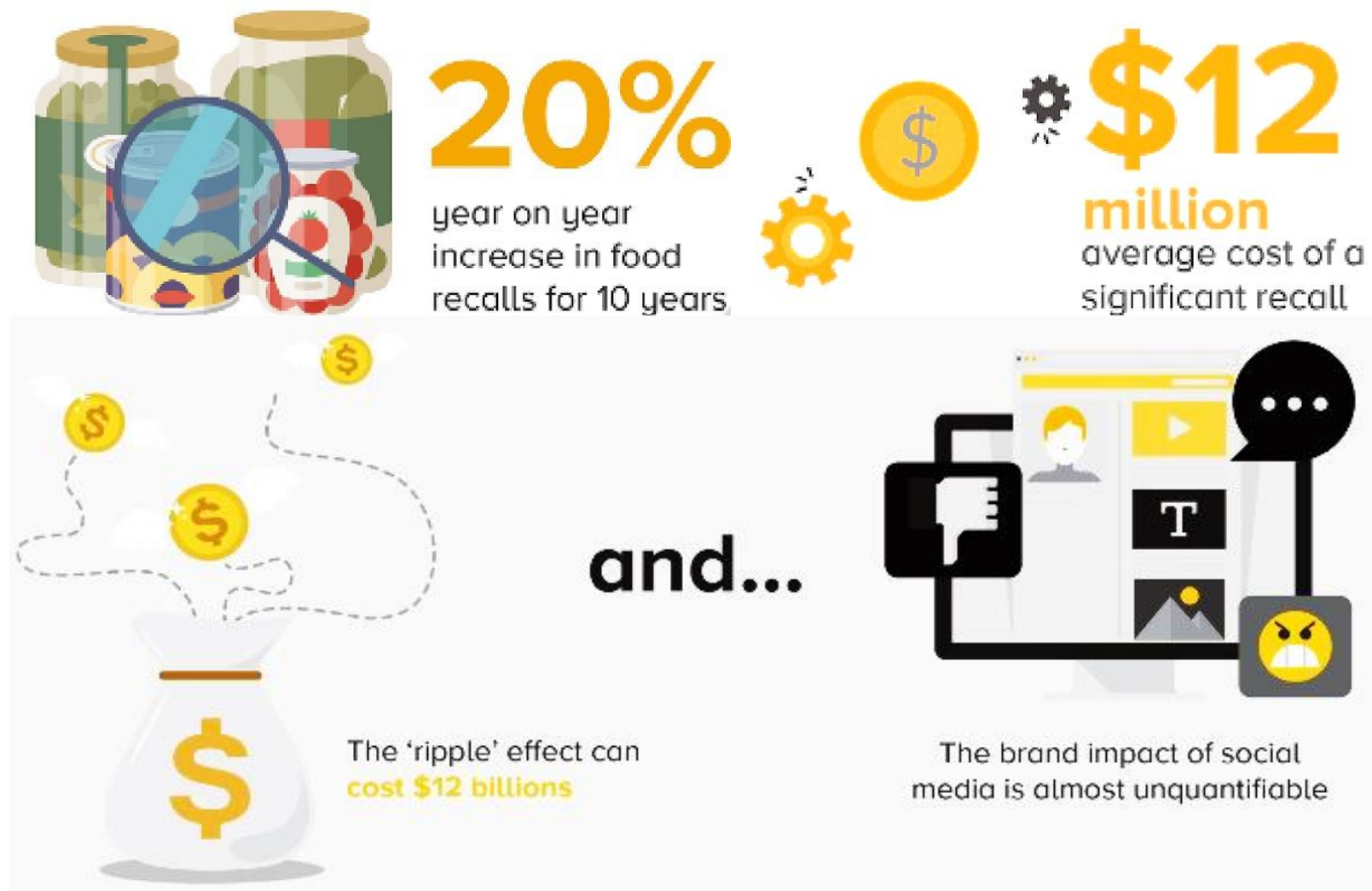


Automation & Solid Packaging – Less human involvement



- ▶ Top Sealed Tray
- ▶ Packed Vegetable

Food Safety



Metal detection



Foreign body detection

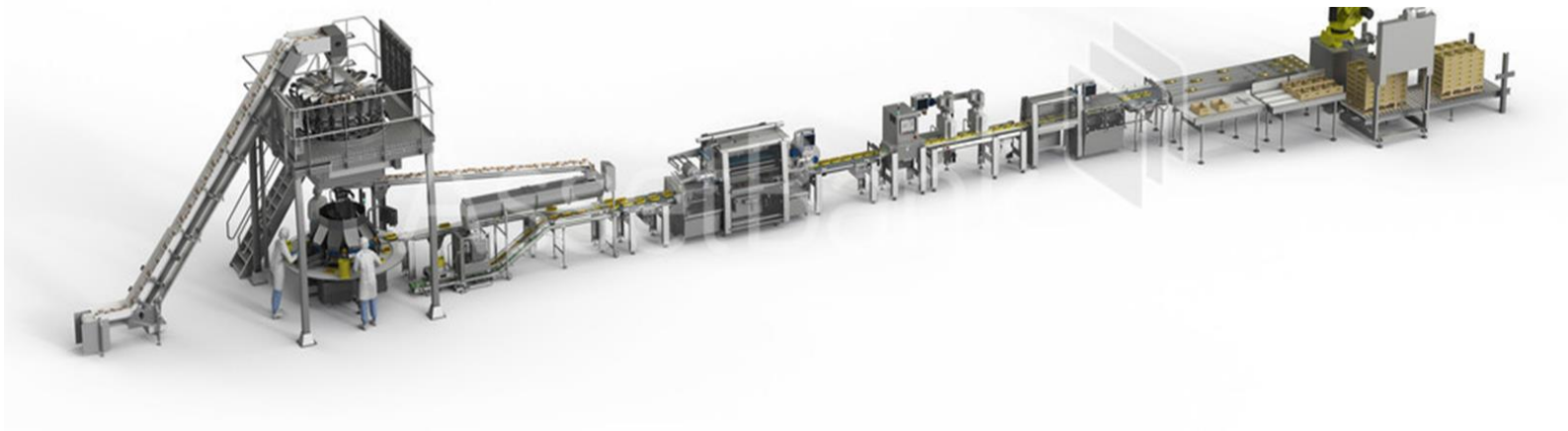
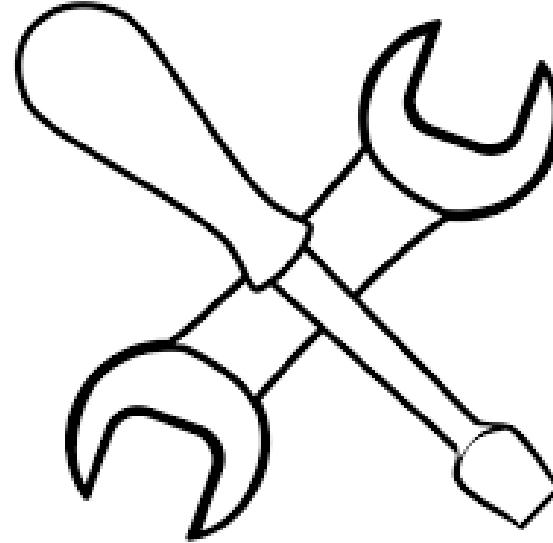
Industry 4.0

Ishida Sentinel



idcs II

▶ What does it mean to your business?



Thank you



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