Packaging Automation in the Australian Wine Industry

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- Who we are? What do we do?

- Stand alone machines:
  - Carton Sealers (Tape and Glue)
  - Carton Erectors
  - Tray Formers
  - Lidders

Packaging Machines:
  - Case Packers (RSC / Wrap around / Shelf Ready / etc)
  - Tray, Tray and Shrink Machines
  - Cartoners (Cluster Packs, Fully Enclosed Fibreboard, etc)
  - Dynamic Line Accumulation Conveyors
  - Automated Guided Vehicles
  - High Speed Carton Erectors

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Turnkey Systems:

- Case Packing Lines
- Pallet Handling (de-strapping, de-palletising, magazine loading)
- Robotic palletising
- Robotic case packing

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Robotic Carton Palletising:

- Evolution of smaller, faster robots with greater load capacities; making it more cost effective for small to medium sized operations
- Suitable for situations with multiple people manually palletising in single and multiple shifts
- Benefits:
  - Faster and simpler changeovers between carton sizes and pallet stacking configurations
  - Ease of layer pad and/or slip sheet positioning
  - Reduction in OH&S risks
  - Potential labour cost savings

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Robotic Carton Palletisier

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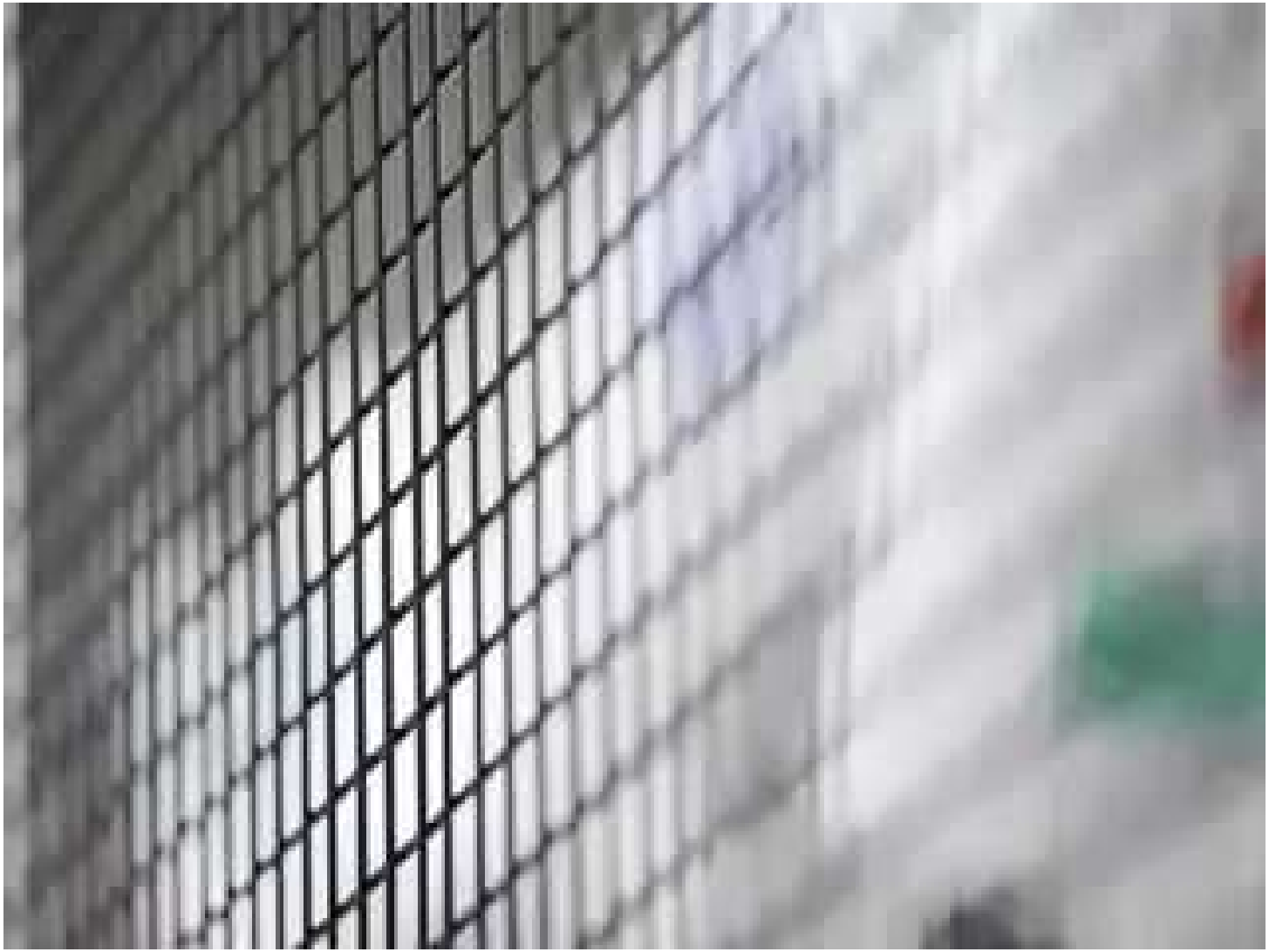

Robotic Palletising

Automated Guided Vehicles (AGVs)

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What are AGVs?

Provide cost effective solutions in multi-shift operations.

Suited for repetitive operations like:

- **Transporting materials/consumables to required destination**
- **Transporting palletised stock to warehouse/loading dock area**
- **Reduces potential OH&S issues associated with workplace forklift traffic**