



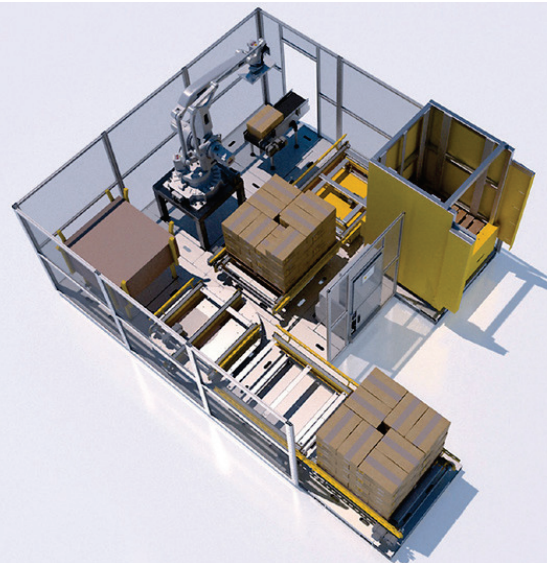
AUSTRALIS
ENGINEERING

Smart thinking
in motion



simPAL™

The genius of simPAL™



A Modular Palletising System

- 10 different modules available
- Each module pre-wired to interconnect modules
- Easy to use touchscreen software features an Automatic Pallet Generator
- IIOT connected
- Multiple standard grippers available to suit many product types
- Robot capacities from 110kg to 450kg
- Designed to ship inside a standard shipping container

simPAL™ is a collaboration of smart software and smart hardware to allow for highly flexible palletising solution.

Due to its modular nature, installation is expedited, reducing downtime and cost. A typical simPAL system can be brought to site, bolted down and connected quickly and easily. Each simPAL Tile includes integrated wiring with quick interconnecting plugs and is self-contained with its own field IO module/s networked to the simPAL Controller for connection of sensors, pneumatics and motor controls. Integrated safety panels connect directly to the Tiles and include normal fence panels as well as access gates, which are safety interlocked.

simPAL software provides long term future proofing benefits. Without the need for complex programming, the user can easily generate new pallet patterns, enter new products and save new recipes. simPAL features an Automatic Pallet Generator that creates an optimised pattern or where there are multiple patterns available, allows the user to choose their preferred option.

Support is key to the Australis service. All simPAL systems have online remote provisioning remote service and support.

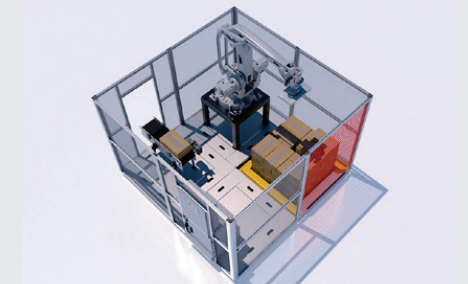
Tailored solutions

simPAL uses 10 core function Tiles that are used to create a tailored palletising solution.

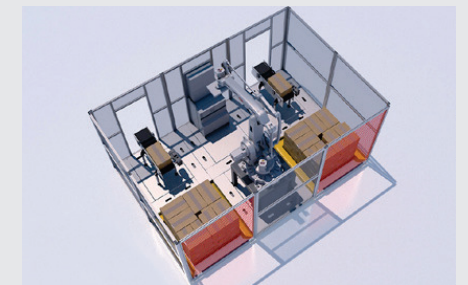
- simPAL Controller
- Robot and gripper
- Product Infeed Conveyor
- Pallet Conveyor
- Pallet 90 degree transfer
- Pallet turntable
- Pallet layer/slip sheet magazine
- Pallet Magazine and destacker
- Pallet floor positioning jig
- Blank tile

simPAL examples

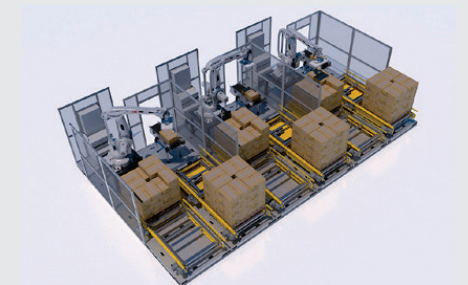
simPAL Tiles can be combined in many different configurations. As production needs change, the same system can be reconfigured and extended by adding additional simPAL Tiles.



Single Pallet simPAL
replaces hand stacking



Dual Pallet simPAL
flexibility for multiple products or continuous palletising



Multi-robot simPAL
multiple products and multiple lines at higher speeds



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ENGINEERING**

The smart choice

**Contact us today to
discuss your next project**

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