

# MOTOPAL Modular Palletising System



*the Home of Intelligent Automation*

# Service Capabilities

 24hr Service available

*Unrivalled experience in projects as unique or as large or small as our clients are.*

Operating in Australia and New Zealand since 1988 RA have installed and continue to support over 3,600 installations across manufacturing, warehousing, hospitals, testing laboratories and even banking processes.

Being exclusive partners of our core equipment 'Robotics and AGVs' gives RA an advantage as not only are we extremely well versed in the technology but also in the Tech support of same. RA are still supporting systems that are 25 years old which is rare in this ever changing world.

## System Resources - World's Best

Technical Support: RA Service has a local store of spare parts, plus a nationwide team of factory-trained service technicians, that you only get with a company that's internationally appointed to exclusively represent leading global manufacturers in Australia & New Zealand.

RA can help you manage the equipment life-cycle, ensure your production and maintain the value of your investment. We'll tailor a package to meet your needs.



OUR SERVICES



*We look forward to hearing from you to see how we can help.*

*Thousands of businesses use RA...*



Our valued customers may be small, first-time automation users, Original Equipment Manufacturers (OEM's), system integrators or large multi-national consumer brands with their own in-house project engineering teams.

You may need a little guidance on an individual system or you may need complete, turn-key delivery of a full packaging or processing line: All are important to RA.

After install, RA supports with warranty, maintenance, spares and training options - enabling customers with the in-house skills to create and modify their own robot programming to meet the ever-changing demands of modern production lines.

***RA have been the exclusive partner for Motoman Robotics since 1988 in the Australasia region.***

**MOTOMAN**  
YASKAWA

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# MOTOPAL

## Modular Palletising System

*The Future of Intelligent Palletising*

### Featuring World-first Technology.

Motoman Robots

RA patented MOTOPAL gripper

MAX AGVs

#### MODULAR.

Featuring replicable robot cells that are highly configurable dependent on needs.

#### COMPACT FOOTPRINT.

Occupying less than half the footprint of other comparable systems.

#### INTUITIVE, EASE OF PROGRAMMING.

The robotic system is controlled from a single PLC using **MotoLogix** driver. Employing Dynamic Equilibrium rationale removes the need of operator intervention for the vast majority of decisions and running processes. Featuring integrated MAX AGVs with easy Windows based programming. Removes the need to have specialised AGV and robot programmers.

#### SPEED, FLEXIBILITY & COST SAVINGS.

Fully automated system supporting high speed palletising. Highly configurable and fast to program. Able to simultaneously handle multiple product lines of varying pack sizes. Each module can palletise up to 20 cartons per minute.

#### PATENTED MOTOPAL 780 ROBOTIC GRIPPER TECHNOLOGY.

Handles virtually any type of carton and is especially applicable to 'shelf ready' cartons, which are steadily taking over from conventional types of carton packaging.



VIDEO



**Be Amazed!**

View the system in action







OUR WEBSITE

## Enhance Productivity. Reclaim the Warehouse.

**MotoLogix**

Revolutionary Software  
that puts you in Control!

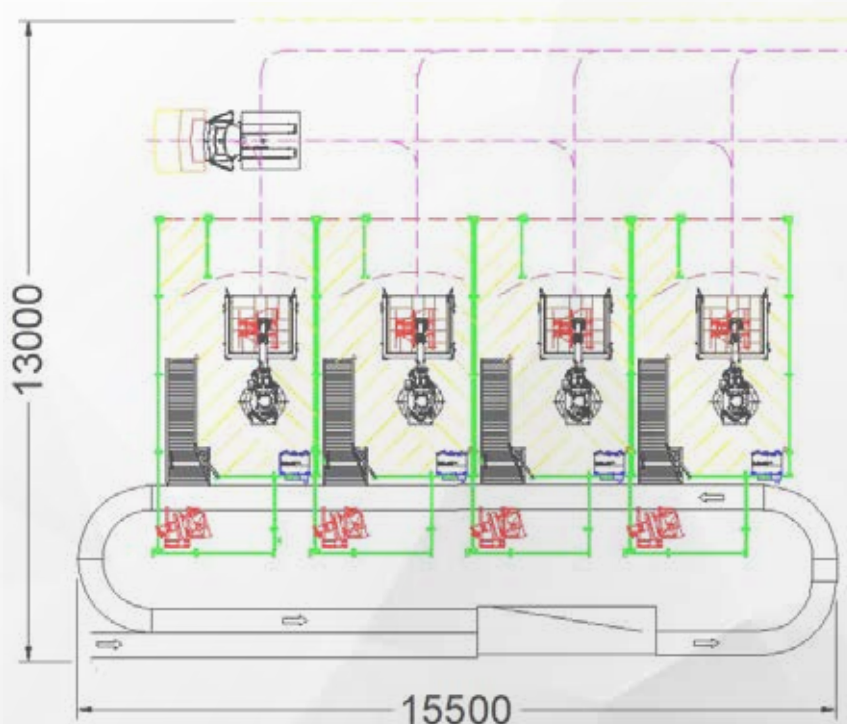


*Achieve maximum productivity  
with at least 50% floor  
space reduction*

MOTOPAL 780 X 4

Space is at a premium. Enjoy the productivity benefits of our adaptable and flexible system with a reduced floorspace (at least 50% reduction on other comparative systems).

Our modular robot cell design provides flexible integration into your existing environment, or new facility. Featuring open infrastructure with Motoman's unique safety system. No gates or keys required.



*Smart – Intelligent – Versatile – Flexible – Intuitive  
Easily Editable > FUTURE PROOF!*



# Seamless Integration.

## Smart technology that is easy-to-integrate and support

Highly configurable, fast to program  
Providing a fully automated, robotic solution that integrates with track and trace technologies and advanced warehouse management software (WMS).

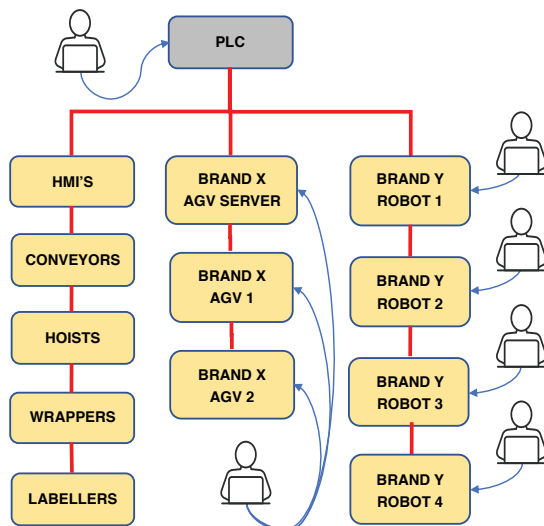
Removes the need for a specialised robot programmer and minimises the need for operator intervention with robot cell control from a single PLC with **MotoLogix** driver, and MAX AGV control system

featuring a standalone Windows Management System with inbuilt WMS available.

Featuring remote support capability and functional safety unit (FSU).

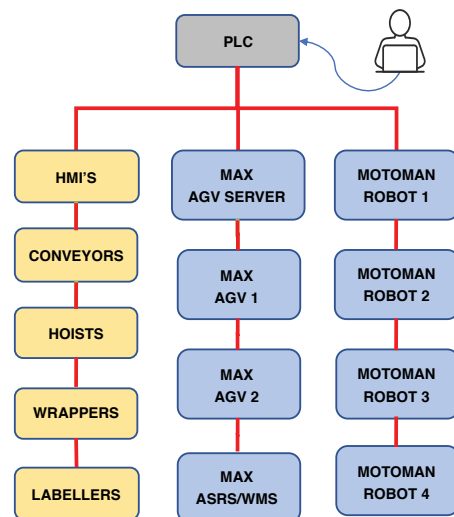
## Compare the difference

### CONVENTIONAL CONTROL ARCHITECTURE



Different disciplines required  
Difficult to change & edit on the run

### MOTOPAL MODULAR PALLETISING SYSTEM



Highly flexible  
Easy to change  
PLC driven robots

Discover the benefits that the **MOTOPAL Modular Palletising System** can deliver for you.

### Functional Safety Unit (FSU)

Looking for improved safety functions?

DOWNLOAD  
BROCHURE



Sydney Melbourne Brisbane Adelaide Perth Auckland

**Address Sydney:**

14 / 4 Avenue of the Americas,  
Newington, New South Wales, Australia 2127

**Melbourne:**

10 Southern Court, Keysborough,  
Victoria, Australia 3173

**Email**

[sales@ragroup.com.au](mailto:sales@ragroup.com.au)  
[service@ragroup.com.au](mailto:service@ragroup.com.au)

**Visit**

[www.ragroup.com.au](http://www.ragroup.com.au)

**Phone**

1300 552 233



## Multi-Award-Winning Design, Build, Test, Installation, Commissioning and Support Services.



Quote: “ .. Demonstrating with his business that Australians can do anything, Colin has created a system, and he does this across many industries and businesses, we are just looking at one here as an example, which will mean an Australian manufacturer of pharmaceuticals will be able to continue doing so in Australia.” - **Malcolm Turnbull, Prime Minister,**  
**July 2016 visit to RA Sydney’s facility.**