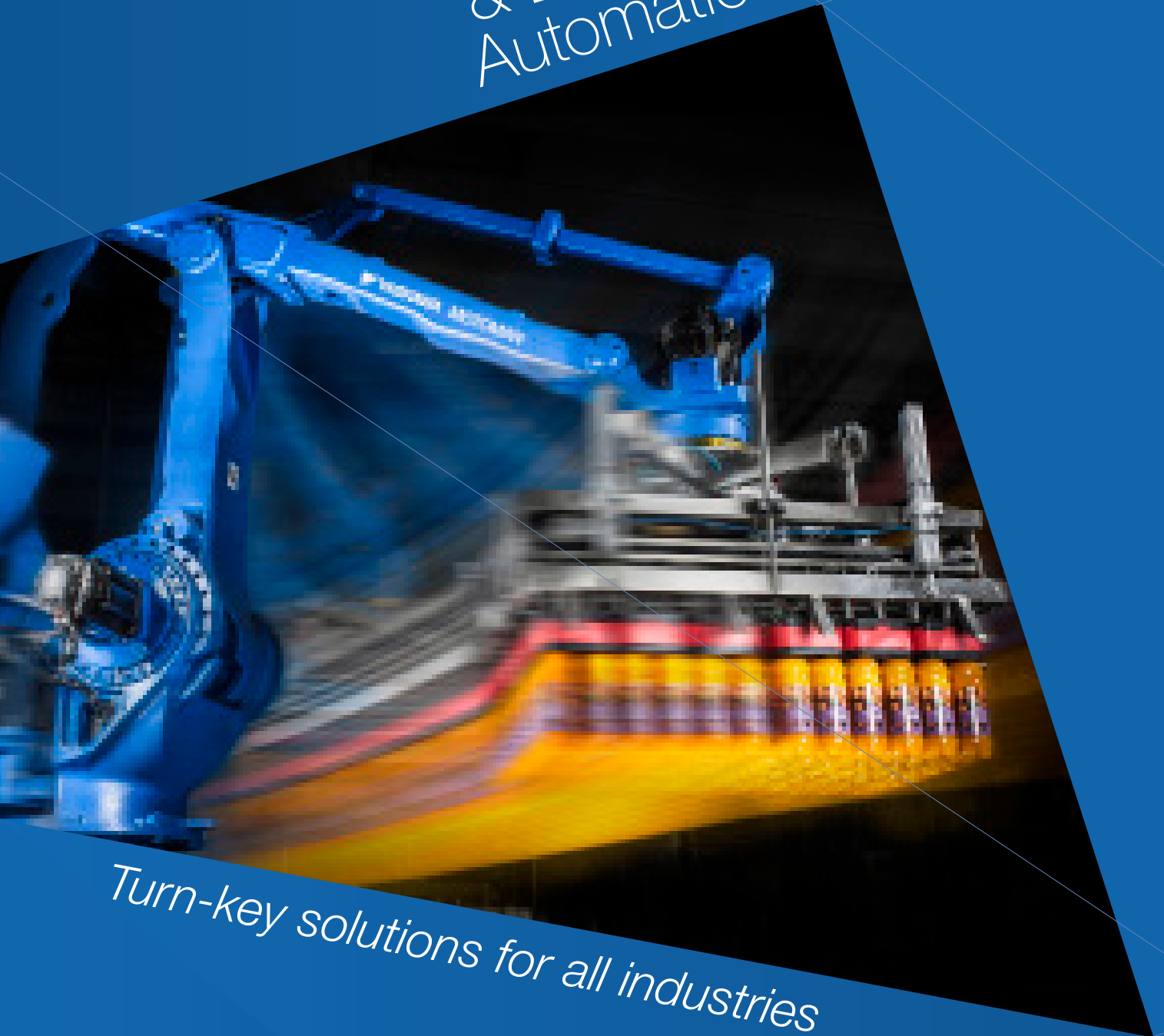


Manufacturing & Logistics Automation



Turn-key solutions for all industries

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.



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 for 33 years in the Australasia region.

MOTOMAN
YASKAWA

NOTE: All brand names and logos shown are registered trademarks of their respective owners and are shown for identification purposes only.

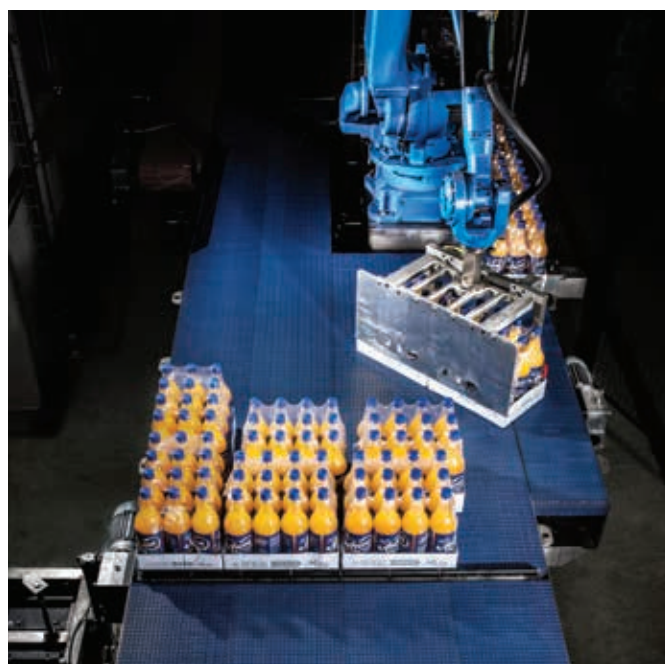
With MOTOMAN and **AirGrip®** we offer you bottle handling that is keeping up with changes.

The bottle lifting capability has an impact on the whole production line and governs the brewery's ability to adjust to market changes. It is important to have machinery that can keep up with changes in materials and bottles types. This is what the patented AirGrip® bottle gripping tool and MOTOMAN® robots are all about!

The **AirGrip®** gripper tool comes in a basic model. In which the rubber gripping cuffs are replaced when worn by unlocking and pulling out the gripping head compartment "no tools required". The cuffs are designed in five standard sizes covering most of the current assortment of bottles.

The **AirGrip®** tool for bottle handling has been developed to meet the demands for a flexible application in bottling plants. The same basic concept can be used in both small and large companies and for a variety of purposes.

The technology is adapted to meet the requirements of individual production lines, production speeds and product development. Thus, production is more easily adjusted to the varying demands of the market. High standards of production reliability are easily met.



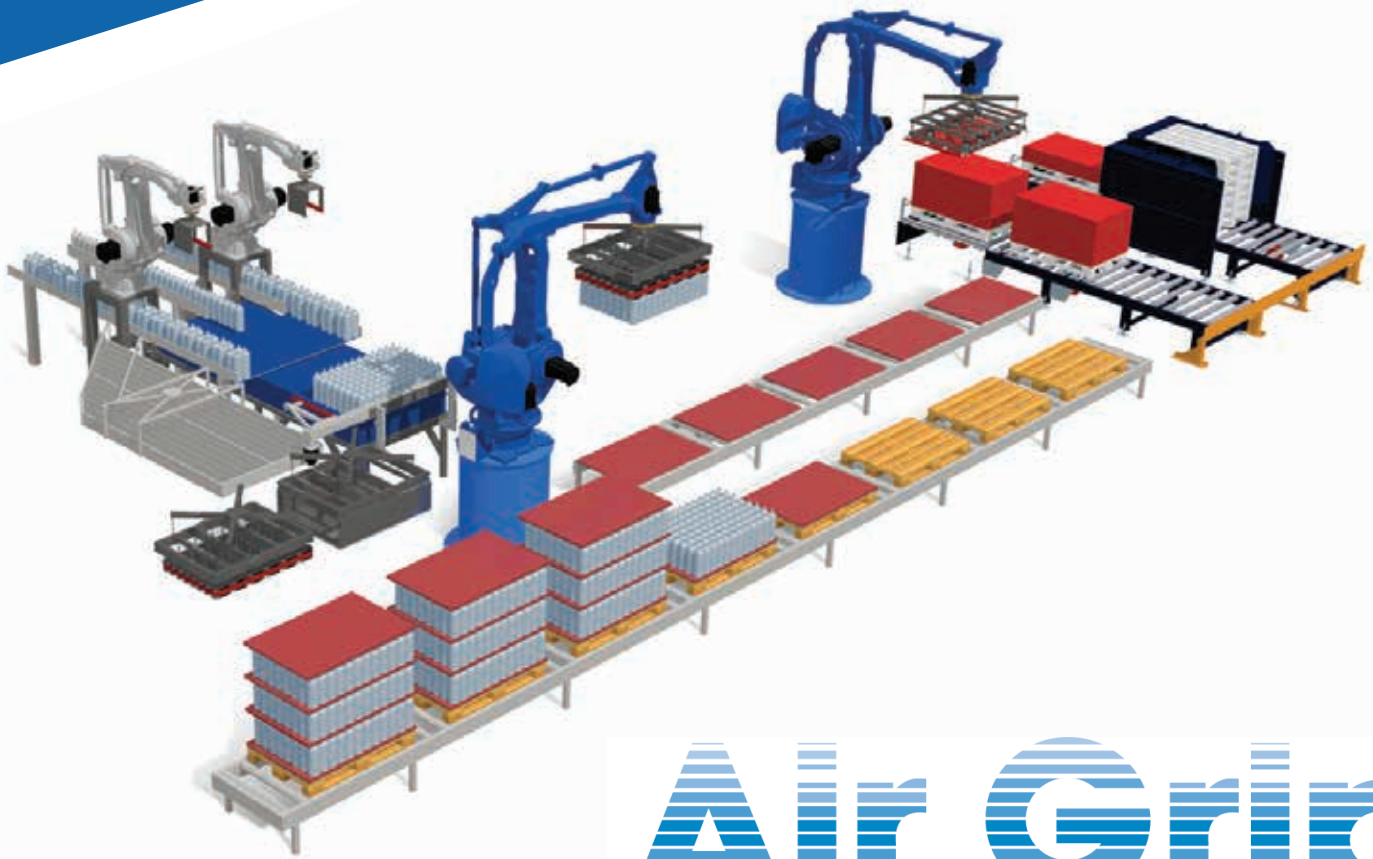
Bottle sorting table

- ✓ Small footprint.
- ✓ Quick and easy change between multipacks and free bottles.
- ✓ Bottle lines for 0.5; 1.0; 1.5 or 2.0 litres

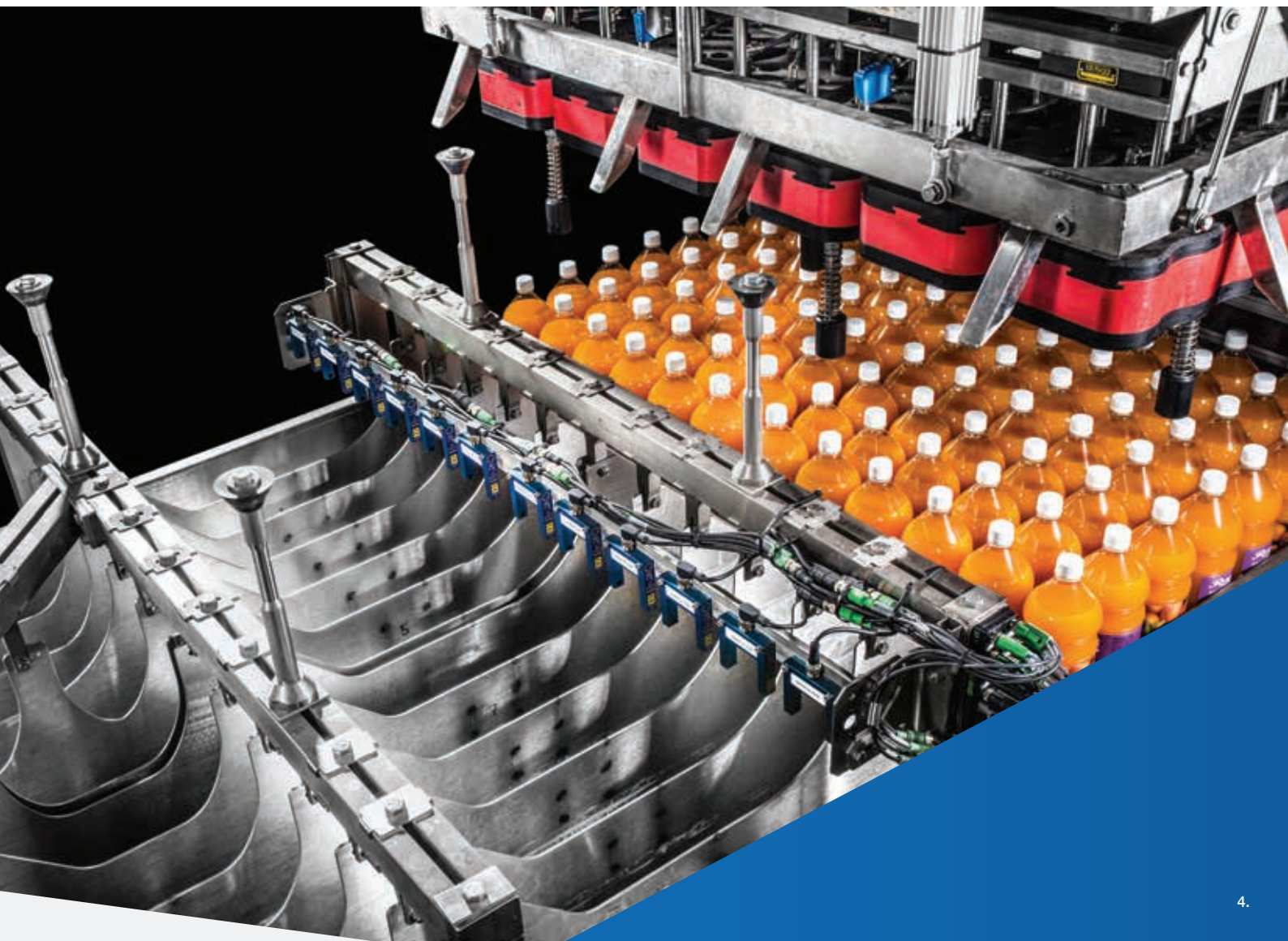
The bottle sorting table conveyor can be used either for free bottles, or bottles in multipack. For free bottles the robot lifts, in one single motion, a special bottle lane divider tool and places it on top of the sorting table. When the table is to be used for multipacks, the robot simply removes the lane divider again.



The automatic pusher for multipack is fully integrated in the MOTOMAN robot's control system.



Air Grip®





AirGrip® advantages

- Bottle necks held securely at high speed.
- Stable and robust gripping heads.
- Minimal maintenance needs.
- Long life span.
- Easy to clean.
- Lightweight.
- Prevents jammed caps.
- No tools required

The rubber gripping cuffs can be replaced by hand and does not require any tools. Bottles are locked in place by air pressure in the cuff instead of by mechanical means. This substantially increases the life span of the gripping cuff. Open ended gripping cuffs allow free bottle height and that also helps reduce the



Bottles are lifted securely, and production line stoppage minimized!

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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.