



Robotic Systems

The RNA robotic system can offer low cost, high mechanical reliability, excellent versatility and short cycle times with a wide variety of components. An installed system is easy to operate and has the added benefit of a short set up time between products. The shortest possible payback time and minimal operator intervention are at the forefront of all RNA systems.

With the RNA system it is possible to automate small or large batches and achieve good profitability even with annual volumes as low as a thousand components. The RNA system philosophy is to deliver a system that is “Future Proof”.

- Very user friendly system; Easy to program new or modified parts and needing very little operator training
- Fast and Simple changeover for an almost limitless range of product variants. Flexible enough to justify automation even for small batch runs
- ‘Plug and play’ design for easy integration with a wide range of production equipment
- Short payback period and impressive return on investment
- Poka-Yoke Systems to prevent the errors in manufacturing/assembly process

Robotic Systems Integration

Industrial Robot Applications

- Assembly
- Material Handling
- Palletizing
- Picking & Packaging
- Vision Inspection
- Welding
- Machine Tending
- Press Tending
- Part Transfer

... and more



RNA Specialist Range

VariPic™

RNA's VariPic™ flexible feeding system is a compact and proven package for handling complex and varied products, pre-configured and ready to use for fast integration.

Included in VariPic®

- RNA VariPic™ Conveyor
- RNA Bulk Hopper
- A 6-axis Robot
- Integrated control system with HMI
- Vision Inspection System



FlexType™ Series

Flexible handling systems with vision robotic technology by RNA

FlexType™ R: The new linear flexible FlexType™ R feeding systems for all robot handling; The linear pre-sorting conveyor to ensure a high volume of component parts to be picked up correctly by a handling robot.

FlexType™ P: The new flexible FlexType™ P feeding system with **intelligent FlexCube/AsyCube vibration platforms**; The intelligent vibration platform to provide a high volume of correctly oriented component parts for the robotic pickup.



Robotic Clipping System

RNA Robot Clipping Machines provide a standardised platform offering ease of use and fast, high-quality assembly to customers in the automotive sector.

The clipping machine range includes semi-automated clipping cells and fully automated robot clipping machines. The poka-yoke design ensures proper clip assembly of automotive interior and exterior moulded components.



Collaborative Robot Integration

RNA are experts in collaborative robot integration, providing a full bespoke manufacturing solution tailored for you.



RNA
We handle it.

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