

## Robotic Handling

RNA are experts in the field of robotic handling systems. Our robotics and automation systems solutions will automate your production lines where small batch runs and sensitive, difficult components have been impossible or too expensive to automate in the past.

All robotic and automation systems have a robotic arm for handling and manipulating the products, a camera system (optional) and share the same PC based control system and in most cases integrated with a standard robot controller. The goals of custom automation are always based on the individual customer's needs.

- 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

# RNA Specialist Range

## FlexType™ P

RNA's FlexType™ P presents a flexible assembly solution that utilises intelligent vibration platforms, coupled with industrial machine vision recognition and a 6-axis robot to feed and assemble component parts of various shapes and sizes.

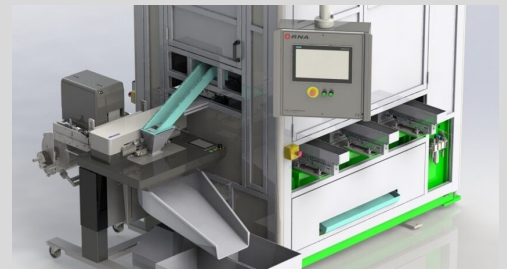
- RNA Bulk Hopper
- Vision System
- A 6-axis Robot
- Flexible Feeder
- Assembly Nest



## FlexType™ Pack

RNA's FlexType™ Pack presents a flexible bagging solution that utilises intelligent vibration platforms, coupled with industrial machine vision recognition and a 6-axis robot to feed and assemble component parts of various shapes and sizes.

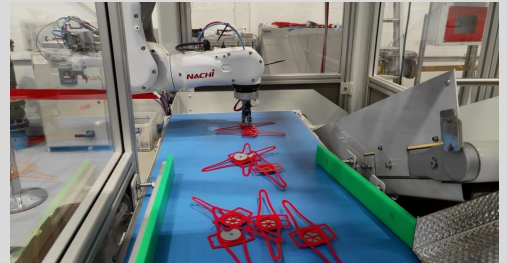
- RNA Bulk Hopper
- Vision System
- A 6-axis Robot
- Flexible Feeder
- Bagging Machine



## FlexType™ R

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

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



## FlexType™ VT

RNA's FlexType™ VT presents a precise flexible robotic handling solution for injection moulding and machine tending applications, coupled with an integrated out-feed compact conveyor system.

- A 6-axis Robot—3 sizes
- Part Outfeed Conveyor
- Robot Controller
- IMM Control and Safety Interfaces



## FlexType™ Clip

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.



## Robotic Systems Integration

RNA, an experienced UK based industrial robot integrator, specialises in design and manufacture robotic systems for a variety of industries.

## Collaborative Robot Integration

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



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