

Component Assembly Machines

Here at RNA, our highly qualified and experienced automation experts design and develop component assembly machines across a range of industries including automotive, pharmaceutical, medical device, food and beverage, consumer goods, electronics and other manufacturing industries.

From simple, standalone poka-yoke mechanical devices to fully automated assembly line, we have the knowledge and experience to provide cutting edge industrial automation solutions to improve OEE, efficiency and productivity.

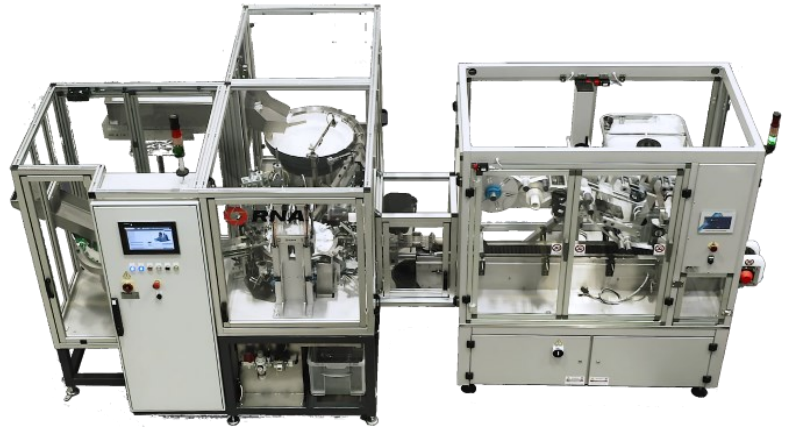
Why Choose Us

- Leading edge technology with the very best in speed and reliability giving you the competitive edge.
- An unrivalled portfolio means that our automation experts are able to offer unique and exciting solutions tailored to your business objectives.
- Fast and flexible, our solutions offer rapid payback and 'future proof' your investment.
- In a history of over a century and with over 2000 systems supplied annually RNA have earned a reputation for the highest quality combined with value for money.
- Our experience and expertise in Assembly Automation System allows us to provide robust and reliable automation solutions to meet the customer requirements.

How It Works

A component assembly machine typically involves:

- Feeding System
- Assembly Mechanisms
- Motion Control & Robotics
- Inspection & Quality Control
- Control & Software Integration
- Material Handling & Output



RNA Specialist Range

RNA provide standard and custom component assembly machines.

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.

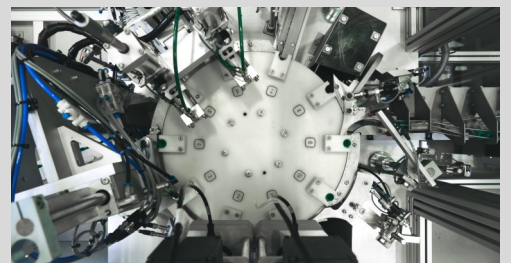
- RNA Bulk Hopper
- Vision System
- A 6-axis Robot
- Flexible Feeder
- Bagging Machine



Rotary Indexing Machines

Having extensive experience in rotary assembly and testing machinery, RNA have designed and developed a broad range of solutions from simple two-station rotary machines up to highly complex 10-station rotary machines.

We carefully evaluate the context of your operations, depending on applications, combine rotary indexing tables with our custom machines to suit our customers' diverse needs.



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