

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 ten-station rotary machines.

RNA rotary indexing machines are especially well-suited for assembly machines that requires a compact installation space. 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.

- Reliable, high quality
- High precision and repeatability
- High productivity
- Cost effective
- Tailored to the customer's specific applications
- Low maintenance
- Floor-space saving
- Easy to upgrade to suit various parts
- Semi or fully automated systems

Rotary Indexing Machines

Applications

- Assembly
- Material Handling
- Printing
- Machining
- Positioning and Transfer
- Testing
- Parts Separation
- ... and more

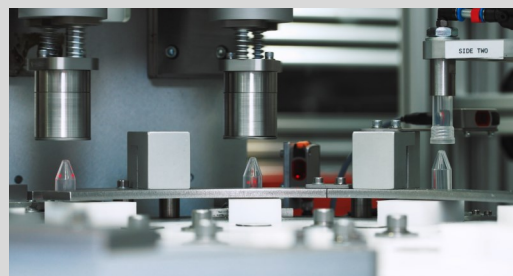


Success Stories

SED Tube and Filter Assembly Machine

A fully automated assembly machine to assemble sediment tube and filter together. RNA engineers designed and built a fully automatic Rotary Indexing Assembly System that consists of a 4-position cam indexing dial with two custom tooled vibratory bowl feeding systems.

In a cycle time of 4 seconds, the 4-position cam indexing assembly machine assembles two component parts, monitors them for quality and sends them to a bagging machine for packing.



Medical Filter Assembly Machine for Overmoulding

A fully automated assembly machine to assemble plastic filter inlets and outlets and to load the assembled parts into a mould tool on an Engel vertical injection moulding machine for overmoulding. The machine is based on an indexing rotary table to transfer products between the various process stations.

The system incorporated bulk hoppers, bowl feeders, rotary indexing table and nests, heat seal station, inspection station and a robot.

The machine is designed for quick changeover between products without the use of tools.



Switch Body Pad Printing Machine

A fully automated printing machine to perform pad printing of two variants of switch body. The system was manufactured in a compact design, equipped with a switch body feeding system, a 4-station rotary indexing table, a high-speed colour pad printer, main controller and operating panel.



RNA Automation Ltd
Unit C Castle Bromwich Business Park, Tameside Drive, Birmingham B35 7AG, UK
Tel: +44 (0)121 749 2566 • Fax: +44 (0)121 749 6217
Email: sales@rnaautomation.com • Web: www.rnaautomation.com