



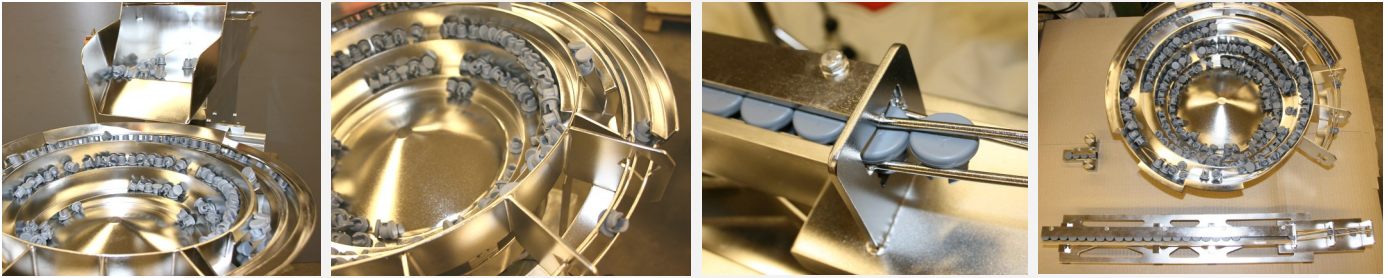
Quick Release Feeder | Super Fast Changeover from RNA

RNA's unique Quick Release Feeder (QRF) has been designed to provide a low cost option for machinery needing rapid changeover between products, or where regular cleaning is necessary.

Tool-less changeover can be achieved in literally seconds, which reduces downtime to almost zero. Machines handling multi-products or environments where there is a cleaning regime are perfect applications for the QRF. And because the changeover involves only one drive system, the need to invest in multiple bowl feeder drive units can be avoided. Unlike traditional bowl feeders, which require a long changeover time to handle multiple parts, the QRF can easily retrofit for additional products which features quick release connections for tool-less changeover.

- Pneumatic or Electrically clamped versions available
- Accurate and repeatable positioning of the bowl top for ease of operation.
- Flexible, reliable, cost effective handling solution to minimise Total Cost of Ownership.
- Rapid changeover in seconds
- Tool-less to suit Cleanroom and autoclave procedures.
- Simple and safe to operate.
- Ideal for reducing downtime where there are small batch runs.
- Can be used to preserve the integrity of sensitive and difficult components.

Orientating & Feeding of 2 sizes of **silicone stoppers**



Sector

Pharmaceutical Industry

Components

2 sizes of glass vial stoppers (silicone)

A quick release system is utilised for bowl, linear and hopper for different batches and size of component.

A simple lever releases an air clamp that holds the bowl top, linear track and hopper bin in place.

Accurate changeover is achieved in less than two minutes for all system items without the use of tools.

Performance

Axis vertical, major diameter uppermost at 100 component parts per minute

Elements of the feeding system

Quick release vibratory bowl feeder with stainless steel cover; Quick release linear feeder; Quick release vibratory bulk storage hopper, component singulation unit

Design

GAMP Pharmaceutical design for class 100 clean room environment

The Quick Release Feeder can be integrated with other packaging and processing machinery for a wide variety of applications, including bottle feeding, tablet inspection, pick and place assembly processes or small batch runs applications.

A number of RNA bowl models are specified with the quick release feature, depending on the requirements of the application. The bowls are available in 316 or 304 grade stainless steel.

The features of a QRF include quick release clamps, tool-less changeover design, and a repeatable outlet location, which enhances the changeover efficiency and ultimately increase the line productivity.

Drive Unit Type	Bowl Type	Filling Volume
SRC-N200	KSB 200 - 300 ZSB 200-250	From 1 litre
SRC-N250	KSB 250-500 ZSB 250-500	From 3 litres
SRC-N400	KSB 400-750 ZSB 400-500	From 10 litres



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