

RNA Vision Guided Robot solutions



RNA Specialist Handling



A high speed, compact and versatile robotic solution for handling small to medium size components with speeds of up to 200 cycles per minute.

RNA vision guided robotic systems benefit from their simplicity, flexibility and cost efficiency; RNA supply a turnkey package to suit a wide variety of applications.



- High speed and accurate - 0.3 second cycle time and repeatability of $\pm 0.02\text{mm}$
- Compact design; the smallest parallel-link robot available
- Flexible solutions; able to handle a wide variety of components (up to 0.5Kg) for inspection, sorting, loading and assembly
- Future proof; adaptable with software change over and simple operator interface
- Gentle handling

RNA Vision guided robotic systems suitable for a wide variety of manufacturing and industrial applications including:

- Electrical and Electronic
- Precision machining operations
- Pharmaceutical and Cosmetics
- Plastic Injection Moulding
- Food industry
- Packaging and processing



Technical Specification

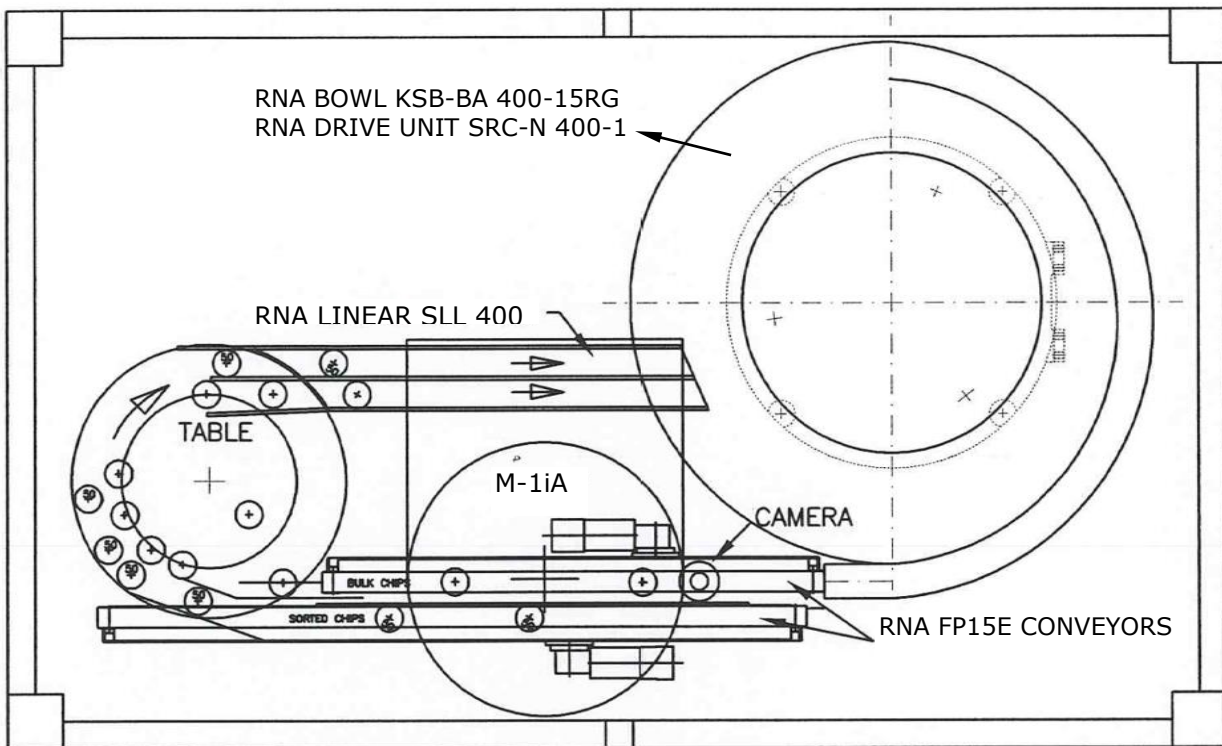
Component..... poker chips

Feeding System

- 600mm diameter RNA bowl feeder in 316-L grade Stainless Steel (FDA coating) and a variable speed control
- RNA Conveyors FP15E with easy changeover belts
- RNA Twin Track Linear Feeder SLL400-600
- Rotating table

Robot

- Fanuc robotics M-1iA (4 axes) and a robot controller
- Fanuc iRVision software



System Dimensions

Width..... 1080mm
Height..... 2050mm
Length..... 1780mm
Weight..... 500kg



For further information, please contact sales at:

RNA Automation Limited
Hayward Industrial Park, Tameside Drive
Castle Bromwich, Birmingham B35 7BT
Tel: +44 (0)121 749 2566
Fax: +44 (0)121 749 6217
Mobile: +44(0)7967 753505
www.rnaautomation.com