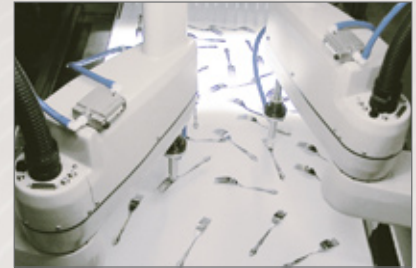


Conceive, Design & Build

Flexible Automation Machines & Systems

Visit www.farason.com for more

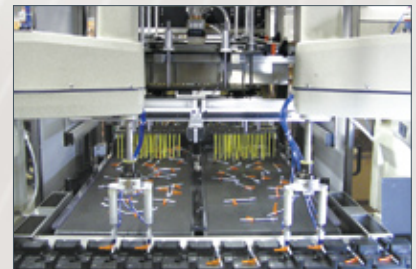
Flexible sorting, feeding and placing. Combining Farason's FaraFeeder or Adept's FlexFeeder recirculating conveyor system with robot and vision guidance. This results in highly flexible sorting, feeding and placing systems to accommodate components which are difficult, or impossible, to handle by conventional bowl style systems.



Example: silverware



Example: toothbrushes



Application: syringes

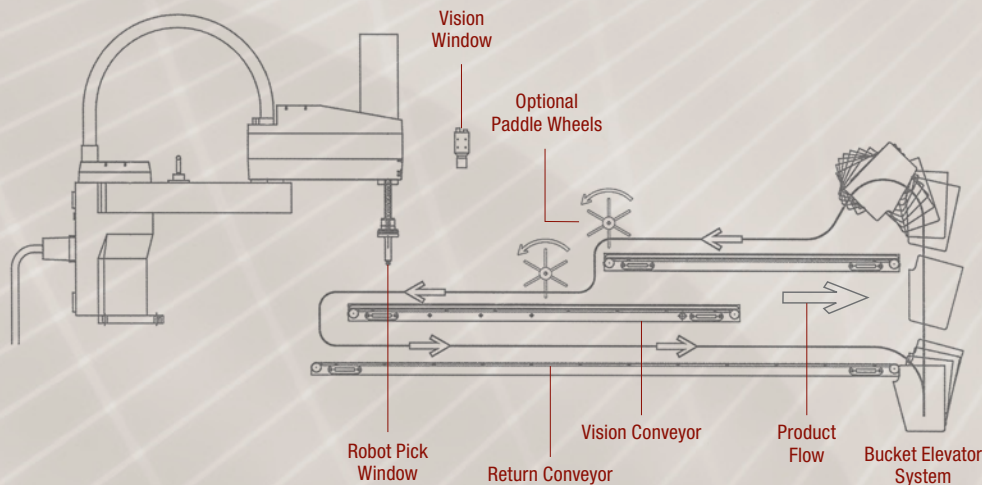


Adept's Cobra and FlexFeeder



Farason's dual-lane FaraFeeder

Flexible Feeding System



- No guides or qualifiers, parts flow freely
- Eliminates edges and surfaces that can mar delicate product
- Eliminates obstacles susceptible to collecting parts and jamming product flow
- Eliminates the usual finesse and fine tuning after change-over
- Tool-less end effectors for quick, simple 15 second change over
- Sort and place a diverse variety of product shapes and sizes in a single unit
- Backlogging of parts in a queue is usually unnecessary (sometimes a potential source of jams with odd shaped product)
- Additionally, products can be placed directly into target location (such as a pallet, tooling fixture, cartoner, HFFS, pouch, tray, wrapper or blister)
- For future products, simply teach the vision parameters and (possibly) change the end effector
- Best usage is to handle difficult to sort products and/or when you need to handle a wide variety of shapes and sizes in a single sorting and feeding system
- FaraFeeders are sized to suit application

Sample Robotic Cell & Custom Automation Systems

- Sorting/feeding/inserting/loading components/containers into intermittent or continuous motion cartoning, wrapping, pouching, bagging or blistering machines
- Single filing of components from a collated matrix
- Retooling, Rebuilding, Redesigning, Reprogramming and/or Upgrading controls of existing machinery
- Combine/Converge/Collate/Divide – Denest/Unstack
- Turnkey “Custom” Systems including integration responsibility of ancillary equipment
- Material or component handling systems coupled with other types of packaging machinery (i.e. vision systems, label applicators, non-contact coders/printers)