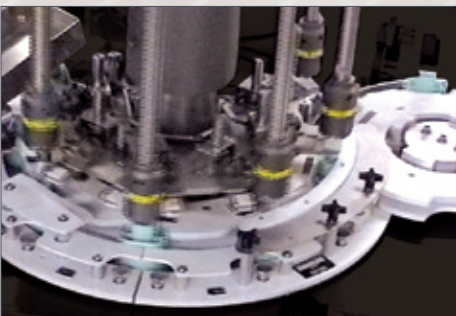




Cosmetics

Fragrance Pump Handling System

Spray Pumps: Sort, Orient, Feed, Insert & Crimp



Features & Benefits

- Large capacity bulk supply hopper with elevating conveyor and live bottom belt eliminates bridging and cavitating of pumps in the hopper bin.
- Overhead rotary sorter, equipped with easy to change, tool-less, dedicated pump handling parts and feed track, provides flexibility to accommodate wide range of pump sizes.
- Pumps are controlled as they transfer from the feed track to a central starwheel for transfer to the rotary assembly turret.
- High speed, continuous motion rotary assembly turret with infeed timing screw, infeed starwheel, center starwheel, and exit starwheel provides smooth handling and positive control of bottles (or pucks) throughout the process.
- Upper rotary section consisting of multiple tooling heads equipped with crimping chucks utilizes a barrel cam with removable segments to achieve a wide range of vertical motion to accommodate differing dip tube lengths.
- Chucks are available for aluminum crimp closures, pumps without actuators or with pre-assembled actuators, and press in pumps.
- Dip tubes are secured and aligned from top to bottom and guided into the bottle opening to accommodate curved and flimsy tubes. Sensors verify dip tube presence.
- Stainless steel and anodized aluminum construction with full interlocked guarding for long service life and safe operator intervention.
- A suitable PLC coupled with an Operator Interface Panel controls sequence logic and reports system status and diagnostic messages enabling operators to easily understand machine operation and simplify troubleshooting.
- All electrical devices and wiring comply with Class 1, Division 1 electrical requirements. Control Panel with PLC and Operator Interface Panel are mounted external of the explosion proof area in a remote electrical enclosure.
- Speed Range: Up to 150 bottles/minute for machine shown. Other size machines and head counts are available to accommodate higher production rates.

Other Uses

Cap, plug, or insert application, and multi-part assembly.

More Information

For more information on this, and many other Farason projects, please visit our website at www.farason.com or call us at (610) 383-6224.