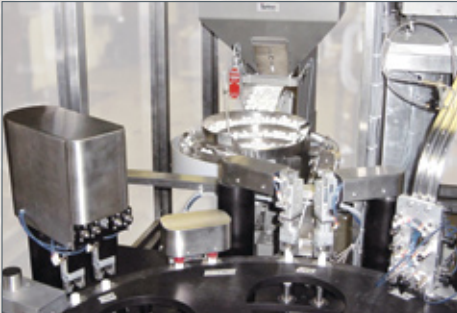




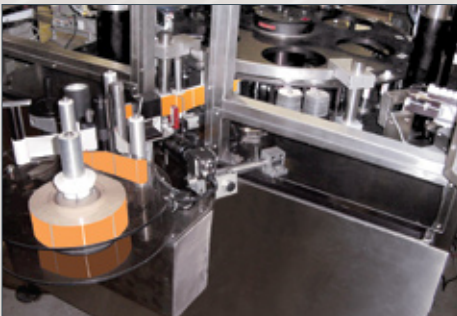
Pharmaceutical Small Part Assembly

Sort, Code, Fill, Cap, Vision Inspect, And Label Application



Features & Benefits

- A rotary indexing dial equipped with a servo driven rugged cam indexer allows for flexible speed settings and provides years of maintenance and trouble free operation.
- Bulk components are manually fed into a floor level bulk supply pre-feeding hopper bin equipped with an elevating conveyor. A flexible overhead sorter unscrambles, orients, and feeds tubular containers down a vertical chute, oriented cavity down, into a vertical operating belt arrangement.
- Containers travel along the topside of the vertical belt arrangement where an integrated Marconi Data Systems Videojet applies a code to the bottom of the container while it is still upside down. An Aquity vision system inspects for code presence.
- On the underside of the vertical belt arrangement, the tubes are reoriented into an upright attitude with the cavity facing upward, and dropped into the rotary dial fixtures two at a time.
- Tablets are sorted, counted and fed into two containers simultaneously. Tablet quality is vision inspected with rejects removed from the process.
- Caps are sorted from a vibratory feeder bowl with dual lane exit tracks where they are removed and placed onto the containers. At the next two subsequent stations, the caps are prestarted onto the container and then tightened down.
- A standard wipe-on label applicator combined with Farason handling devices applies a full wrap body label in a compact "small footprint" system. Label code is validated and label presence on container is verified by means of the Aquity vision system.
- All operations are verified subsequent to application, prior to performing the next task. Failure to complete the task within acceptable parameters results in termination of all subsequent tasks and ejection into an appropriate reject receptacle, which guarantees only acceptable product is collected.
- 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.
- Speed Range: Up to 50 indexing cycles/minute at 2-up, resulting in 100 parts/minute.



Other Uses

Multi-part assembly with operations such as liquid filling, gluing, screwing, plugging, pressing, welding, and vision inspection. Increasing operation from two up to higher multiples raises the obtainable production rates.

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.