

Vitamins: Plug Insertion Overcapping & Inserting

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Project Brief

Sort, feed and insert plastic plugs into round, plastic containers. This machine utilizes Farason Integral Prefeeder and Hoppmann Model FT-30 Centrifugal Feeder.

Plugs are preoriented and fed from the feeder down a chute to a pick-off. They are pulled out of the chute pick-off by the upper starwheel and supported on a dead plate. The dead plate ends and plugs drop into the containers positioned by the lower starwheel.

An overhead press-down belt assembly completes the process by exerting downward force to snap the plug into position within the container. Plug presence and depth is verified subsequent to the overhead belt. Rejected bottles are directed onto a collection tray.

Machine Data

- Centrifugal parts feeder
- Integral floor level prefeeder
- Inline/continuous motion
- Rotary starwheel – plug placement
- Overhead press-down belt
- Inspect/reject device
- Speed range: up to 300+ PPM

Standard Features

- Stainless steel construction
- Anodized aluminum components
- Complete interlocked guard package
- Fast tool-less change-over
- PLC-controlled sequence logic
- Operator interface terminal
- Color-coded light column

Other Uses

- Overcapping, plugging, part inserting & assembly

More Information

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