

Two Piece Cap Assembly

Sort/Feed/Assemble

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Project Brief

Sort, feed and assemble a two piece plastic push-pull cap. This machine utilizes Hoppmann Prefeeders and Farason Model SDP-36 Pocketed Disc Sorters.

Components are pre-oriented and fed from the feeders down a chute to a pick-off. They are pulled out of the chute pick-off by upper and lower starwheel plates and supported on a dead plate.

The upper dead plate ends and the inner component drops into the outer component positioned by the lower starwheel plate. A sixteen head pick and place device checks for a seal and transfers only acceptable product to the exit conveyor.

Rejected assemblies are directed into a collection tray. Empty cases are conveyed and stopped in position. Assembled parts are counted and loaded into the cases.

Systems are designed to suit customer's specific application.

Machine Data

- Sort and feed two components
- Continuous motion
- Rotary starwheel assembly
- Inspect/reject device
- Batch counting
- Case conveying & loading
- Speed range: 150+ 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

- Puck loading, lipstick assembly; feed, sort & assemble various parts

More Information

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