

2007 PRODUCT LINE

NOVUS® Rotary Capper

High speed capping solution.

- Applications include a wide range of cap styles and container sizes
- Fully automatic
- Pick and place capping chucks
- Powered height adjustment
- 30 minute quick changeovers between product runs
- No tools changeover
- Minimal lubrication requirements
- Easy wash down accessibility
- No bottle/no cap logic
- Cap tightening with adjustable clutches for precise torque application
- Rates up to 50 BPM per spindle
- Compact, free standing unit
- Fully interlocked machine guarding

The Novus Rotary Capper is a fully automatic capping machine with cap pick up and placement assemblies. The machine configuration allows left-hand or right-hand flow with production rates up to 50 BPM per spindle.

Uncapped containers are supplied to the capper infeed worm by a conveyor that can also be provided by Dillin.

As a container enters the capper, a sensor detects its presence. If a container is not detected, the appropriate cap is prevented from entering the cap starwheel. As the spindle assemblies rotate about the turret, they move vertically by means of a cam. The cam is designed to accurately position the cap chuck over the various pick up and release points of the cap. Adjustments can be made to the magnetic clutches for various torque requirements.

Pneumatic Part Feeders (PPF)

Small part bulk conveyance, up to several hundred feet

Available with heaters to preheat caps that require more flexibility during the capping process

Available with HEPA filters (efficiency of 99.97%) to remove fine airborne particles

Available with diverters for flow to multiple lines

The Pneumatic Parts Feeders (PPF) are designed to save time, eliminate unnecessary labor, and provide controlled delivery of parts for more efficient line operation. These units are ideally suited to convey closures to our capping machines, but are also applicable for handling many other small parts including liners, fitments, corks, capsules, etc. The PPF is a compact, free standing unit with a powerful motor driven air blower to effectively transport parts through tubing at an adjustable rate to locations up to several hundred feet from the unit. PPFs are produced in several sizes using stainless steel construction on all surfaces in contact with the product. With its sturdy construction and simple design, maintenance is as simple as changing filters.



Capping and Closure Solutions

CAPPERS:

Novus Rotary Capper
Rotary Steam Vacuum Capper
In-Line Steam Vacuum Capper
In-Line Spin Capper
In-Line Spin Capper Rebuilds
Single Head Steam Vacuum

Capper Heads

Magnetic Clutch Tightening

PNEUMATIC PARTS FEEDERS:

111-200 (3.8cu.ft. capacity)
111-700 (15.5cu.ft. capacity)
111-700X (24.3cu.ft. capacity)
111-900 (60.0cu.ft. capacity)

CAP INSPECTION:

66-400 - Cocked Cap Detector

Designed to detect containers with cocked or high caps (metal or plastic).

147-100 - Cocked Cap/No Cap Detector

Designed to detect containers with cocked or high caps (metal or plastic) or the absence of a cap.

74-800 - Dud Detector

Designed to detect containers that have lost vacuum due to seal failure (metal or plastic) and eject the container from the conveyor.

143-500 - Cocked Cap/No Cap/Dud

Detector designed to detect containers with cocked or high caps (metal or plastic), the absence of a cap, or containers that have lost vacuum due to seal failure.

GLUE APPLICATOR:

Model 30-1500 Glue Applicator is designed to operate in high speed packaging lines to apply a film of adhesive to the top surface of container finishes so that a sheet liner in the cap will adhere to the finish.

CUSTOM SOLUTIONS