



PACIFIC MODEL ACF/L 502 TW
Net Weight Pail Filling & Optional Lidding System

Product flow to this twin-scale filling system is never interrupted. As one station approaches the final weight set point the opposing fill nozzle opens. The product flow is now divided between two nozzles which provide a “dribble” rate to complete the fill and start a new container fill. This arrangement optimizes speed & accuracy and eliminates potential splashing

Filled containers are transferred onto the optional lidding system where lids are automatically dispensed and applied as the pails are conveyed. An inclined magazine provides a stack capacity of 72” to provide approximately 10 minutes of run time before reloading. Lids are automatically denested and dropped into a lid chute where they await the next pail. The rim of the pail engages the lid and immediately enters the synchronized power overhead belt compression section where the lid is gently pressed and sealed in place.

Designed for 8 to 10 container per minute operation on pails and boxes.

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Standard Filling System Features:

- All stainless steel sanitary construction with square tube welded & polished frame.
- Sanitary conveyors with 12" wide low-friction chain and stainless steel motors & gearboxes.
- GSE Scale Systems Weight Controller & Tedea-Huntleigh load cells.
- Roller platform scales with 100-lb capacity and 200% overload protection.
- Top or bottom fill laminar flow nozzle with positive shutoff valve drip-less operation.
- Product manifold with tool-less tri-clamp fasteners with manual height elevation for different container sizes.
- NEMA 4X enclosures for all electrical and pneumatic components.
- 120VAC / single phase electrical and 80 PSIG air service.



Standard Lidding System Features:

- Synchronized powered lid compression with urethane belts & gravity roller backup.
- Variable speed, hollow shaft gearmotor drives with synchronized speed adjustment.
- 72" lid magazine with barrel cam denester and pneumatic control circuit.
- Sanitary conveyor with compression zone reinforcement.
- Height adjustment for all pail sizes.



Optional Features:

- OSHA compliant Lexan safety enclosure.
- Product supply tanks and/or pump systems with variable frequency drive controls.
- Analog output modules with PLC logic to control the customer's existing pump supply system.
- Arrange wetted parts with 316 stainless steel.
- USDA and Dairy 3A design and approval.
- Bottom-up fill nozzles with fluidic control or weight control to adjust the nozzle position.
- Lid orientator to correctly position the pour spout.

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