

AUTOMATIC LIDDING MACHINE



Flexibility & Operating Efficiency

- Stainless steel, wash-down construction
- Tool-less lid chute
- Speeds up to 20 pails per minute
- Integrates with pail filling systems and existing conveyor
- Lid denester and dispenser units

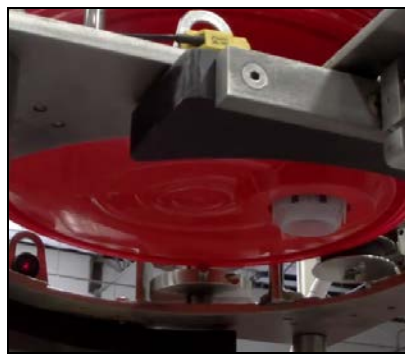
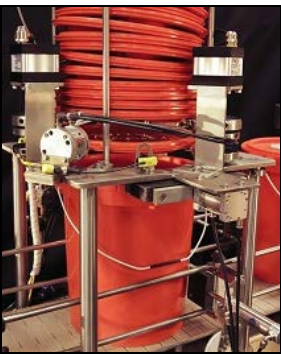


Pacific Automatic Lidding Machine, Model ACL-503

The Pacific Model ALC-503 Lidding Machine is a fully automatic, self-contained, mobile system that denests, places, and compresses round plastic lids onto round plastic pails. An inclined magazine provides a stack capacity of 72" to provide approximately 5 to 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.

The lidding machine supports various pail sizes and lid diameters via tool-less adjustments. A durable, all stainless steel construction provides sanitary and wash down rated operation.

The system provides an operating range of 10 to 20 pails per minute.



Lid Orientator System to Position Pour Spout

Standard Features:

- All stainless steel sanitary construction with square tube welded & polished frame and stainless steel leveling feet
- 72" lid magazine with barrel cam denester and vacuum cup separator provide reliable denesting
- Pail sensor timing with lid chute release creates a consistent lid placement
- Synchronized conveyor and powered lid compression minimizes component wear with maximum rolling force
- Compression utilizes urethane belts & gravity roller backup for optimal sealing
- Sanitary conveyor with compression zone reinforcement
- Variable speed, hollow shaft gearmotor drives with wash down rating
- Lid chute height adjustments for all pail sizes
- Magazine rail adjustments for all lid sizes
- Allen Bradley MicroLogix 1100 PLC with push button controls & Festo pneumatic controls
- Sensor controls for no-lid in chute and low lid level in the magazine
- NEMA 4X enclosures for all electrical and pneumatic components
- 120VAC / single phase electrical and 80 psig air service

Options:

- OSHA compliant Lexan safety enclosure
- Lid orientator to correctly position the pour spout
- Portable mounting base with sanitary swivel casters
- Special conveyor heights
- Added conveyor lengths
- Location of the operator controls for opposite hand operation
- Stainless steel motors and gearboxes
- Explosion-proof controls
- Customized design features to tailor the system to your exact production needs