



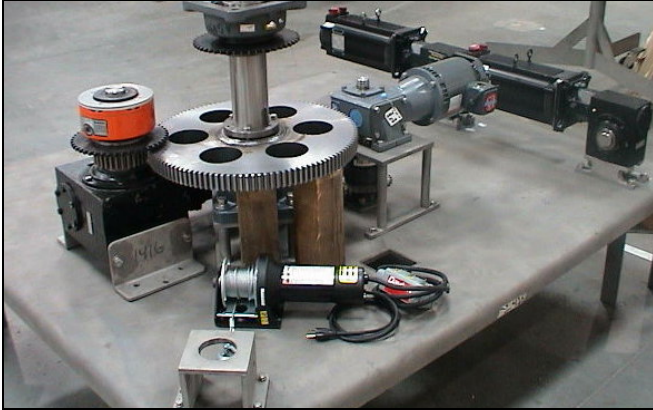
Example – Legacy Design for Two-Phase Filler

## Improved Performance & Reduced Costs

- Electronic synchronization between the filling turret and the pump
- Reduced maintenance costs through elimination of legacy PIV, manual gear box, clutch, timing belts, etc.
- Improved fill accuracy on stop/start operation
- Reduced changeover and setup time

## Improved Performance and Reduced Costs

# ELECTRONIC DRIVE SYSTEM CONVERSION



Servo Drive System – View from Rear/Discharge

### Standard Features:

- Allen Bradley PowerFlex 70 controllers with Ethernet
- Allen Bradley VPL series servomotors with Kinetix 5500 servo controllers with Ethernet communication
- Textron/Cone Drive C-Face lube-for-life gear reducers
- New Duralube Chain (lube-for-life)
- Allen Bradley CompactLogic PLC with Ethernet
- Allen Bradley PanelView 1000+ Color Touch Screen with recipe storage system and stop/start timing manipulation
- NEMA 4X Main Control cabinet and junction box
- Stainless Steel mounting brackets

### Optional Features:

- Upgrade standard servo drive to Allen Bradley MPL Series servomotors and Kinetix 6000 servo controllers
- Electronic controlled turret height
- Auto lubrication system
- Quick-change timer screw drive system
- StrongArm adjustable control panel enclosure
- New OSHA compliant torque limiters with 24VDC proximity sensors
- Design & construct main control cabinet to UL specifications
- Increase cable lengths from 50' to 100'

The purpose of the drive system conversion is to replace the existing mechanical drive components with an electronic synchronization drive arrangement. Whereas the filling turret and pump are mechanically synchronized on your existing machine, the new drive system offers electronic synchronization between the turret and pump. This system offers the following benefits:

- Replace components that are no longer available
- Improved filling accuracy on continuous running and stop/start operation due to electronic following of the filling turret and pump, which eliminates mechanical slippages
- Less downtime and maintenance through reduction of mechanical components; plus mechanically, easier access to drive parts due to less clutter
- Increased reliability and uptime due to improved stop/start fill levels and zero maintenance drive system components



Example – Legacy Mechanical Drive

- Greater productivity/faster changeover due to elimination of gearboxes that requiring manual shifting between changeover and line speed changes
- Pacific on-site mechanical installation and electrical engineering

### Integrated Solutions:

In addition to integrated filling solutions, Pacific Packaging Machinery also offers rotary capping, sorting and conveying systems.

Contact your sales representative or the number below for additional details.