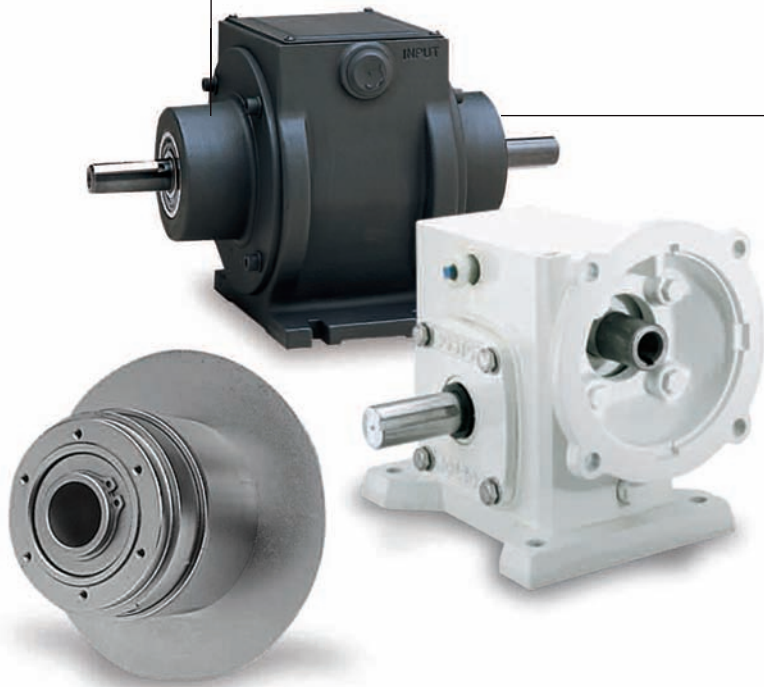




Bottling Machinery

For Food Processing and Packaging Environments



Product Solutions

In the bottling industry a starwheel or timing screw are frequently used to help fill, cap or label bottles or cans. As the bottles are rapidly moved through the machine, sometimes a mis-feed or jam can occur causing damage to the starwheel or drive mechanism resulting in unscheduled maintenance and machine downtime. As productivity is scrutinized, and equipment is forced to run faster, the frequency and severity of jams increases.

Overload clutches limit torque to a preset level and provide rotational timing for these applications. Select a Centric overload clutch as the torque timing device for your machine. Centric clutches from Boston Gear can increase productivity, allow higher operating speeds, and reduce your downtime costs.

Boston Gear speed reducers and Warner Electric electropacks can also be incorporated to help maintain smooth, consistent performance in your bottling machinery.

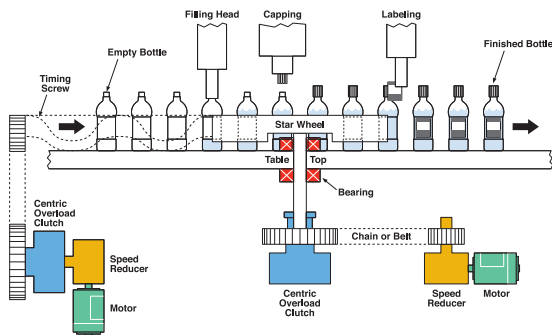
For Technical Assistance Call

800-825-9050

 **Altra**
Industrial Motion



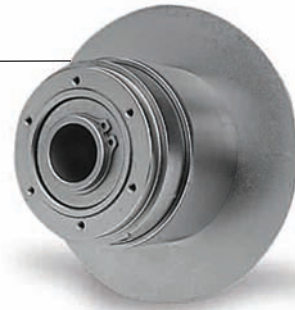
Solutions for Bottling Machinery



At the heart of the bottling process are the filling, capping, and labeling operations. These locations commonly require an overload clutch although upstream/downstream sorting, washing or packaging applications will often have the same needs. Due to the discrete nature of the process, the location and position of the bottle is critical at each manufacturing step. If one bottle is slightly mis-formed it could cause a feed problem or ultimately jam the process. If the machine does not have a Centric overload clutch to release the drive torque and signal a problem, there is potential for machine damage, unplanned downtime, product spillage, or even a lost time accident.

Boston Gear Centric Mechanical Overload Clutch

- Mechanical ball detent design
- Single position automatic reset
- Electroless nickel finish and stainless steel hardware for corrosion resistance
- Sealed from environmental contamination
- Torque range: 25-50,000 lb-in.
- Bore sizes: 7/16" to 3-5/8"
- Ideal for beverage and indexing, food processing, pharmaceutical and other sanitary applications



Boston Gear Bost-Kleen™ (BK) and Stainless Bost-Kleen™ (SBK) Speed Reducers

Boston Gear Stainless Steel, Bost-Kleen and Stainless Bost-Kleen speed reducers: Robust enough to handle the most caustic and high pressure washdown, strong enough to go 24/7, and priced so they won't break the bank. Both coatings are available on all Boston Gear Speed Reducers.

Other products for use on Bottling Machinery include:

- 700 Series Worm Gear Speed Reducers
- Electro Pack Clutch/Brake
- 800BR Series Helical Gear Speed Reducers
- Motors and Drives
- Sensors and Safety Switches

For more information about the products above or our comprehensive offering of power transmission solutions for use on other types of packaging machinery, visit

www.altra-packaging.com