

Magnetic Capping Headsets

BOTTLE CAPPING LINES

PROBLEM

A major soft drink bottling plant wanted to reduce capping headset maintenance and rebuilds on two of its bottling lines. One line has 16 heads running between 300 and 700 bottles per minute (bpm) and the second line has 20 heads running at 1,000 bpm.

The existing headsets started to lose torque after 10 weeks and required rebuilding every three months. Grease application was required weekly and the units rusted within 8-10 weeks.

SOLUTION

Warner Electric supplied smooth torque capping headsets that significantly improved bottling line productivity. After nearly two years of operation, the plant reported no downtime and no need for rebuilds. Application torque remained consistent throughout the period, with removal torque holding to +/- 1 in.lb. Grease application was reduced to monthly, and maintenance time was reduced to 1/4 of previous levels. The Warner headsets showed no rust after nearly 2 years.

The line operator reported that it is significantly easier to set and adjust the Warner headsets and estimates rebuild time, when needed, will be 1/3 that of previous headsets due to the simplified design and ease of disassembly/assembly. Responsive product support provided by Warner Electric was also important to this customer. Warner engineers designed a few modifications to better meet the specific line equipment requirements, which was greatly appreciated by the customer.

This installation is typical of hundreds of others as the smooth torque technology of Warner Electric headsets is revolutionizing the global bottling industry with clear advantages over competitive pulsating torque headsets.



HIGHLIGHTS

- Smooth torque technology prevents over-tightening
- Easy to set and maintain torque
- Reduced wear on bottling line equipment
- Significant maintenance savings
- Long service life
- Interchangeable with OEM models

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