

BOSTON GEAR PROVIDES POWER TRANSMISSION SOLUTIONS FOR THE FOOD AND BEVERAGE INDUSTRY

Tightened federal regulations regarding food safety and hygiene in food processing and beverage industries has led producers to continue to adapt their equipment to meet those changing requirements.

The areas in production facilities where drive systems are located are often the areas that have the most stringent requirements for hygiene and sanitation, due to their proximity to the food product. The key to food safety is prevention of microbial contamination and bacteria growth. Equipment in these areas needs to be resistant to alkali or acid based cleaning agents and disinfectants.



For installations where the drive system is located at or above the food product, there is a higher risk of product contamination due to rigorous cleaning standards. For these installations special attention must be given to drive design & materials, so that bacterial growth on surfaces will be avoided. Drive systems with the most extreme protection are often utilized in these applications. Stainless steel exterior materials, rounded edges, domed crowns, and enhanced sealing are critical design features that will ensure long equipment life, the sustainability of your process and the safety of your product.

Some producers use highly caustic wash down solutions; others use high-pressure hot water. Equipment can also be exposed to process by-products such as sugar, seasonings, brines, or animal blood. Whatever challenges the integrity of your drive system, Altra has a solution for you. The family of gearing & motor products manufactured by Boston Gear provides the level of protection needed for the harsh elements increasingly used in the prevention of microbial contamination and bacterial growth in hygiene sensitive environments.

www.AltraFoodandBeverage.com



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