



Washdown Duty Products

For Aggressive Food Processing Environments

Tough Products that last in tough conditions



For some manufacturers, it's highly caustic washdown solution. For others, it's high-pressure hot water. Yet for others still, it's seasonings, animal blood or alcohol. Whatever challenges the integrity of your power transmission system, Altra has a solution for you.

With a vast product line of washdown-duty speed reducers, Boston Gear has several options for you. If your washdown environment is causing you more headaches than you'd like, ask your Boston Gear sales engineer for their recommendation on the right speed reducer solution for you.

If your standard clutch/brake is not weathering your washdown environment, look to Warner Electric for a totally enclosed UniModule clutch/brake – designed to keep wear particles in and contaminants out.

Washdown duty linear actuators are available from Warner Linear. These units are designed to withstand the rigors of the harsh food processing environment.

For Technical Assistance Call

800-825-9050

 **Altra**[®]
Industrial Motion



Boston Gear Stainless Steel 700 Series Worm Gear Reducer

- 316 stainless steel housings, bearing carriers, and flanges to withstand hostile washdown environments
- 303 stainless steel output shafts
- Rounded housing eliminates virtually all flat surfaces and prevents foreign matter accumulation or standing fluid
- Elimination of all exposed hardware promotes smooth surfaces to optimize washdown effectiveness
- Double lip, shaft seals for superior performance and leak resistance
- Lubed for life with H1 rated foodgrade lubricant KluberSYNTH UH1 6-460
- Flange design incorporates jack bolt holes to facilitate easy motor-reducer separation
- Available same day shipment through Boston Gear's Reducer Express program



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

- Corrosion and crack resistant, thanks to the use of a unique water-based Bisphenol-F type epoxy
- Durable, non-toxic
- Washable and scrubbable, even at high pressures and with caustic cleaners
- Smooth surface to resist contaminants and bacteria
- USDA approved for use in food processing or where incidental food contact may occur



Warner Electric Enclosed UniModule Clutch/Brake (EUM-W)

- Totally enclosed to keep wear particles in and contaminants out
- Provides the ultimate in application versatility from rapid cycling and accurate positioning to soft controlled starts and stops
- Units come standard with stainless steel shafts and USDA approved coating, and corrosion-resistant fasteners
- Modules come completely preassembled, prealigned, and preburnished from the factory for maximum performance right out of the box



Warner Linear Sealed Linear Actuators

- Nitrotec® treated end fittings with integral O-ring seals prevent contamination and resist corrosion
- Features efficient in-line ball screw system with integral load holding brake
- Units come standard with Nitrotec® treated steel extension rods, IP66 sealed, and corrosion-resistant fasteners



For additional BK and SBK product information, refer to Catalog #P-1485-BG
 For additional Enclosed UniModule product information, refer to Catalog #P-1234-WE
 For additional Linear Actuator product information, refer to Catalog #P-1581-WL