

Legacy Food Processing Equipment Giving You A Headache?



Legacy servo motors on food packaging and processing equipment can cause significant production or sanitation problems. Kollmorgen would like to eliminate a source of many of those problems for you.

Reliability Problems

Standard, "food grade", and even some stainless steel servo motors were not designed to withstand wash-down environments. Covers, or other devices used to protect motors during sanitation, many times become ineffective causing failures leading to significant downtime.

Cleanability Problems

Cleaning procedures are becoming more rigorous and servo motors typically have not been designed to be easily cleaned. Motors have flat areas that allow water to collect, paint that degrades, rough surfaces, fasteners, and lots of "nooks and crannies", causing significant sanitation problems. Plastic bags are used to cover the motors during sanitation. Is the motor truly clean if it is covered and isolated from standard sanitation procedures? On the other hand, when permanent covers are used to protect motors they become perfect growth niches. Procedures are then added to manually remove and clean inside permanent covers. This usually requires tools, training and cleaning time.

The Solution is Kollmorgen AKMH™ Stainless Steel Servo Motors

Kollmorgen AKMH™ Servo Motor

- 32 surface finish
- No exposed flat surface
- No metal to metal seams
- Purpose built to allow for 2 to 12 pH cleaning agents - motor and cable
- Purpose built to withstand 1450 psi spray from any direction - motor and cable



Legacy Machines become Clean Durable Machines

KOLLMORGEN®

Kollmorgen AKMH™ Servo Motors

- Direct high pressure (1450 psi) any direction without restrictions
- 2 to pH cleaning solutions
- Smooth 32μ surface finish
- No metal to metal seams
- No Nooks, No Crannies
- No Flat surfaces

Engineered solutions for connection to existing servo drive systems

- Procedures and required files provided for ease of retrofit
- Engineering expertise to match motor to application needs
- Direct Mechanical replacements

We understand the challenges of retrofit.

Contact us to discuss pre-engineered solutions for replacement motors for the following and other brands.

Allen Bradley®

Baldor®

Bosch

Exlar®

Improved Machine Design — Improved Performance



Save up to 25% of cleaning time by avoiding disassembly and manual cleaning.

- Reduced bacteria growth & harboring
- Increased productivity
- No disassembly for cleaning
- Motor lasts 5 times longer
- Higher overall equipment effectiveness

Specify only Kollmorgen AKMH systems to ensure:

- Increased OEE through superior wash-down design reliability
- Reduced cost of ownership due to reduced cleaning time and increased reliability
- Enhanced value of your machine by lowering the risk of a recall, due to the superior hygienic design

Learn more at kollmorgen.com/AKMH

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