

Linear Rail System

Food Manufacturing Staff



The BGS04 Linear Rail System is designed specifically for high moment loads. The roll, pitch and yaw moment load capability allows the system to maintain tight accuracy and repeatability even in applications requiring significant cantilevered loading. The system includes a Haydon™ linear actuator driving a Kerk® 303 stainless steel precision lead screw. The screw is coated with Black Ice® TFE coating providing a permanent wear-resistant dry lubrication. The lead screw drives an anti-backlash nut embedded in a machined aluminum carriage mounted to a stainless steel ball rail. Depending on the load requirements, the system is available with either the Size 11 (28mm) double stack or Size 17 (42mm) single stack hybrid linear actuator.

Haydon Kerk Motion Solutions, Inc., www.HaydonKerk.com [1]

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[1] <http://www.HaydonKerk.com>