PBC Linear revolutionized traditional machining with the patented SIMO® process (Simultaneous Integral Milling Operation). The SIMO process uses synchronized cutters, eliminating natural extrusion variances by machining all critical edges concurrently in one pass. This ensures tight tolerances, limited variance, and a remarkably straight and repeatable surface at negligible additional cost!

The result is an aluminum-extruded product that is rigid, accurate and repeatable, and holds tight tolerances within ±.001" (.025 mm). This allows for easy integration and minimal alignment on your linear motion system.

Products Featuring the SIMO Process

UG Series Actuators
ML Series Miniature Linear Actuator
PL Series Ball Screw Driven Actuator

The data and specifications in this publication have been carefully compiled and are believed to be accurate and correct. However, it is the responsibility of the user to determine and ensure the suitability of PBC Linear® products for a specific application. PBC Linear only obligation will be to repair or replace without charge, any defective components if returned promptly. No liability is assumed beyond such replacement. Specifications are subject to change without notice. LITSIMO-001 v2 070420

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