

# News Release

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## **Parker Hannifin Introduces Its PROmech™ Series Linear Actuators**

**IRWIN, PA, February 3, 2006** – Designed for OEM instrument manufacturers working to speed their time to market and reduce the overall installed cost for linear motion axes, Parker Hannifin's new PROmech™ Series linear actuators are a complete linear motion solution. PROmech Series actuators come completely assembled and tested and include linear bearings, drive screw, thrust bearings, motor mount, coupling and motor. The LP28 and LD28 are the first in the series to be released.

Because PROmech Series actuators are a pre-engineered positioning package, OEMs can significantly reduce their time to market with minimized design, procurement, assembly, and qualification of all the parts necessary to build a linear motion axis from scratch. Moreover, OEMs can significantly reduce manufacturing costs and assembly time with preassembled PROmech Series actuators. With "build it yourself" linear axes, all the different parts required to build the axes must be ordered, tracked, received, inventoried, assembled, and tested. The PROmech Series is a pre-tested, single-piece solution. Both the LP28 and the LD28 have a miniature cross section of only 28mm x 28mm.

The PROmech Series LP28 linear positioner is a complete linear motion solution OEMs can afford to design into their high-volume equipment. With a travel range from 5mm to 500mm, the LP28 has several linear bearing options and a variety of screw-lead and motor-size options to easily



match the positioner to the application requirements. The LP28 may also be fitted with an optional strip seal and home and limit sensors. This compact positioner is ideal for positioning payloads up to 10 lbs.

The PROmech Series LD28 is a complete linear actuator solution that offers greater screw and motor design flexibility, enabling OEMs to pursue optimal solutions for their applications. It offers a travel range from 5mm to 300mm and has a variety of screw-lead and motor-size options to easily match the actuator to application requirements. The LD28 is ideal for thrusting applications requiring up to 10 lbs of thrust.

For more information on the PROmech Series linear actuators, please call 800-245-6903 or visit [www.parkermotion.com/promech](http://www.parkermotion.com/promech).

### **About Parker Electromechanical Automation**

A division of Parker Hannifin Corporation's Automation Group since 1987, Electromechanical Automation is a pioneer, developer and manufacturer of full-spectrum computer-based motion controllers, servo/step motor drives, servo motors and human-machine interfaces, positioning systems, gearheads and gear motors. These products automate the manufacturing of a significant fraction of the world's goods and services. Electromechanical Automation products are sold via independent authorized Automation Technology Centers—a group of nearly 100 professional, highly trained organizations with more than 135 points-of-presence throughout the world—or directly from Electromechanical Automation by logging on to [buy.compumotor.com](http://buy.compumotor.com). An informative and up-to-date Web site with downloadable libraries, tutorials, and background information on motion control and automation is located at [www.parkermotion.com](http://www.parkermotion.com).

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