

## **Press Release**

**Source: Precise Automation, Inc.**

### **Precise Automation Awarded Patent for Traction Drive Robot.**

Los Altos, California – May 12, 2008 - Precise Automation, a leading innovator in automation product development, has been awarded U.S. Patent 7,343,684 for its innovative traction drive. This zero backlash drive, currently used in Precise Automation's three and four axis PrecisePlace Cartesian robots, provides linear motor repeatability and smoothness at a fraction of the cost.

This traction drive system enables every PrecisePlace robot to operate much more quietly than ball screw axes and with much greater repeatability than belt drives, but at a comparable cost. Combined with the Precise Automation's powerful motion controllers and machine vision software, PrecisePlace robots provide low cost, extremely smooth, quiet motion; require no external controller cabinets; and are easy to set-up.

Brian Carlisle, President of Precise Automation, stated, "This Traction Drive patent is one example of the innovative technologies Precise Automation has developed to provide high-performance, cost-effective automation for small part material handling and assembly"

### **ABOUT PRECISE AUTOMATION**

Precise Automation delivers cutting edge automation technology and leverages years of experience in software, controls, electronic and mechanical design that assists end users and OEM customers to *automate with ease*. Precise's versatile table-top Cartesian and SCARA robots come fully assembled and are extremely easy to set up. Our low cost vision-guided motion controllers integrate motor drives in a very compact design that fit inside many robot structures. The controller's powerful features allow OEM's to create the applications they want and to produce user-friendly systems. Adding vision guidance simplifies complex problems in locating and identifying parts and significantly improves process reliability by easily accommodating to dimensional variances. Precise Automation's flexible and innovative products serve a wide variety of industries including: electronics, semiconductor, life science, medical products and mass storage.

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