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Air Powered Linear actuator slide provide accurate positioning

AGI a leader in motion control technology, introduces the latest technological advancement in pneumatic linear actuators.

AGI released two additional sizes for the AGS Series Slide. Originally offered a .750 inch bore size, the AGS Series Slide is now also available in bore sizes of .750, 1.00 and 1.250 inches. All three sizes offer a choice of 1-inch increments to 6-inch maximum travel lengths to fit a wide range of applications.

AGI pneumatic linear base slides have an integral pneumatic cylinder and high-precision recirculating closed ball bearings. The end stops are hardened, adjustable, and hydraulic dampers are used at the end of travel to decelerate the carriage. The aluminum body and end blocks feature threaded mounting holes and precision holes for accepting locating dowels. The end blocks are bolted onto the shafts to keep them from moving making this makes a ridged precision slide and repeatability is an impressive 0.01-inch. The AGS slides can be ordered with linear ball bearings or Polycarbonate composite bearings that are also available; end positions are adjustable and may be sensed using Proximity sensors to signal the end positions. The AGS Series Slide is available in imperial and metric versions and offer standard 2-day delivery.

AGI also has a full line of linear actuators, base slides, Magnetically coupled slides, thrusters and pneumatic actuators that provide smooth linear motion due to the precision ball bearings riding on hardened ground shafts. The aluminum body and end blocks contain tapped holes and dowel pin holes for precision mounting or fixturing. The AGSL slide series have a magnetically coupled rodless air cylinder that drives the saddle. AGS series have a built in air cylinder that reduces the overall length or footprint. AGT series thruster slide series are powered by an external air cylinder and have an exclusive dual end plates system to keep the shafts from vibrating. Bore sizes are .75 inch, 1.00 inch, 1.25 inch, and 1.50 inch with strokes from 4 inch to 132 inches long. Polycarbonate composite bearings are also available.

AGI supplies a complete range of sophisticated automation products that include, parallel grippers, rotary actuators, thrusters, linear actuator slides, mini slides, tool changers, overload devices and o-ring installation assembly units . Available in imperial and metric versions for flexibility of design for a world market.

For more information on this product, send for a FREE catalog today. For immediate assistance, call AGI, at (203) 459-8345 or visit our web site at www.agi-automation.com

