



SERIES 500 LINEAR ACTUATOR



P R E C I S I O N L I N E A R A C T U A T O R



Call us now to discuss your application requirements.
Toll Free 800-321-7800

Series 500 Linear Actuators

Nook Industries, Inc. has been manufacturing linear actuators for over 40 years. The Series 500 programmable linear actuator is designed to be configured with stepper or servo motors and controls.


The Series 500 actuator offers an expanded range of performance by generating higher loads, longer life, increased duty cycles, higher speed and programmability.


The Series 500 ball screw actuators are rated for continu-

ous duty and can operate at speeds of up to 25 inches per second. Ball screw actuators are used in high speed, high cycle rate applications.

The Series 500 actuator can be supplied as a complete system including motor, drive and controller. Both parallel and higher speed in-line configurations are available.

The Series 500 Acme screw actuators are designed for low duty cycle and where self locking is desired.

IN-LINE SERIES 500	
	
Load Capacity	Up to 1,000 lbs.
Travel Length	2, 4, 6, 8, 12, 18 and 24 inches
Drive Types	Acme Screw, Ball Screw

PARALLEL SERIES 500	
	
Load Capacity	Up to 1,000 lbs.
Travel Length	2, 4, 6, 8, 12, 18 and 24 inches
Drive Types	Acme Screw, Ball Screw

Controls: Controls are complete with I/O, indexer and drive.	
Stepper capable of full, half-step or micro-stepping. 10 ft. power cable is included.	Servo Controller and Amplifier supplied in one package. 10 ft. power and feedback cables included.

Mounting Styles:	Rear Clevis (Parallel Only)	Tapped Holes	Front Flange
	Trunnion	Rod End	

Options:	Internal Linear Encoder	Sensors
	Brakes	Protective Covers

Ball Screw Options:	3/4" DIA. X 0.200 Lead
	3/4" DIA. X 0.500 Lead
	5/8" DIA. X 1.000 Lead

Acme Screw Options:	5/8" DIA. X 0.200 Lead
	5/8" DIA. X 0.125 Lead
	5/8" DIA. X 0.100 Lead

Belt Ratios: (Parallel Only)	1:1	1.5:1	2:1

Planetary Gear Ratios: (In-Line or Parallel)	3:1	4:1	5:1	7:1	10:1

To learn more about Nook Series 500 Linear Actuators call 1-800-321-7800 or visit www.nookindustries.com today.