



Product

Programmable S-Track Electric Actuators

Application

Excavation Front Loaders

Highlights

- Integrated keypad for fast set/reset of travel positions and two intermediate stops
- 400-lb. max. dynamic and static load rating
- Integral MP150 Metri-Pack 8-pin molded connector
- <56dB noise level
- Available with aluminum or engineered plastic housings

A major off-highway OEM required reliable actuators for use on a line of excavation front loaders. The actuators remove/re-position large locking pins during routine bucket changes. The actuators needed to be remotely operated from inside the cab to facilitate safe, fast bucket replacement while reducing vehicle downtime.

Warner Linear Programmable S-Track actuators were selected to meet the requirements of this rugged-duty application. Units feature an easy-to-use, integrated keypad which allows operators to set and reset end of travel positions as well as two intermediate stops. Feedback range automatically adjusts to new end position settings.

An S-Track actuator, enclosed in special protective housings (with LEDs and sensors), is mounted on each of the bucket lift arms. Enhanced control allows for 12 or 24 VDC switched power operation of the S-Track actuators by turning power off to the motor automatically when the internal end limits are reached. An integral MP150 Metri-Pack 8-pin molded connector allows several standard input and output features to monitor the operation of the actuator (including motor thermal and current overload protection). State-of-the-art microprocessor-based digital electronic controls using SMT design and manufacturing processes are utilized.

S-Track actuators feature a 400-lb. max. dynamic and static load rating, 0.25"/sec. (1" no load) speed rating, and a 16" max. stroke length with end-of-stroke limits. Models shipped with aluminum housings (engineered plastic housings are also available).

US (Application Assistance)
1-800-825-9050
warnerlinear.com

Europe
+33 (0) 2 41 21 24 76

Asia Pacific
For a list of our AP sales offices:
altramotion.com/contactus