

Application Profile





Custom B-Track K2x Electric Actuator

Agricultural Manure Spreader

Highlights

- Efficient in-line ball screw system
- Up to 2,800 lbs. (1270 kg) load capacity
- Release clutch allows for easy manually operation if needed

A leading spreader OEM needed a reliable linear actuator for use on a series of auger-fed, side-discharge agricultural manure spreaders. The actuators allow the operator to remotely open and close the hatch door as needed during field manure application. The actuators required a unique mounting bracket for positioning directly onto one of the support ribs located on the outside of the manure box.

Warner Linear B-Track K2x electric actuators were custom-designed with a unique mounting bracket to meet the specific customer application requirements.

With a 2,800 lbs. (1270 kg) load capacity, the rugged B-Track actuators easily handled the door activation challenge. K2x units, designed to perform reliably in extreme environments, feature heavy wall construction, double ball bearing motors, heat treated gears and rugged extension rod bearing support. All models have an integral load holding brake, a ball detent overload clutch and protective coatings and O-rings.