

Athletic Equipment

Adjustable Basketball Equipment Expands Sports Facility's Ability to Meet the Needs of All Players.



Visible height indicator shows when the backboard has reached the correct position.



Front view of automated backboard with Duff-Norton Linear Actuator installed.

Story Contributor:
Steve Pencil, District Sales Manager,
Duff-Norton

Duff-Norton Products:
LS 48-S001 Linear Actuators



CUSTOMER

A leading sports group, founded in 1868, has been at the forefront of installed gymnasium equipment industry for decades. They have provided sports equipment to public and private schools, community centers, colleges and universities located throughout the U.S. and Canada.

CUSTOMER CHALLENGE

The group was seeking an economical and easy-to-operate system that could raise and lower an overhead mounted basketball backboard from a 10-foot regulation height for adults, down to an 8-foot height for young players.

SOLUTION

Duff-Norton had the solution and for over 5-years has provided more than 2,000 linear actuators for just this purpose. Duff-Norton's built-in adjustable limit switches allow for travel adjustment making the LS Series Linear Actuator just the right, economical and easy-to-use solution they were looking for. "No other manufacturer offers this feature at Duff-Norton's price point", explained Steve Pencil, District Sales Manager for Duff-Norton. Adding, that "they have stuck with us even though they have had other options."

PRODUCT INFORMATION

LS 48-S001 Linear Actuator with 24 inches of travel and adjustable limit switches.

FEATURES & BENEFITS

- Loading: tension (pull) or compression (push) at rated load
- AC motor thermal protection to prevent over heating
- Internal limit switches - adjustable
- Onboard capacitor for AC models
- Die cast aluminum housing for strength
- Steel translating tube and outer tube
- Self locking acme screw to prevent back driving
- CE compliant and UL recognized
- Custom models available - call for more information

