

ALM-50 Linear Actuator

High performance · Robust · Versatile

- Electromechanical linear actuator
- High speed & high force/load capacity and ready support by Actuate Motion cueing software make it ideal for motion simulators
- General industrial purposes, particularly those requiring high power



The ALM-50 linear actuator delivers powerful performance and minimum maintenance in a compact form

- Fully ball-raced mechanism, including a fully supported ball screw (no plain bearings)
- High powered BLDC motors utilising high speed closed loop FO control system

Key data

Power requirements	12-42VDC, 2.4 Kw max
Control interface	USB or RS485 connection to host PC
Safety features	Normally closed failsafe emergency stop loop for multiple e-stop buttons. Stop and hold position on loop break. Fall arrest on power failure.

Motion

Range	Speed	Force	Resolution
520 mm	500 mm/s	768 Kgf	0.0016 mm