

electro mechanical actuators



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section six



Packaged Solutions, Countless Applications

Power Jacks range of electro-mechanical actuators are the best packaged solution for your linear actuation needs. With capacities ranging from 0.45kN to 125kN, no one offers a greater selection of both AC and DC models. This extensive line of models is designed to meet the requirements of the most challenging applications.

Benefiting from the latest in advanced design techniques, manufacturing methods, and over three decades of electro-mechanical product experience, Power Jacks packaged electro-mechanical actuators last longer and run smoother with little maintenance and no headaches. If you have a linear actuation application, Power Jacks has the solution for you.

Please ask for our separate 70 page electro-mechanical actuator design guide for specifying these products.





electromechanical actuators

AC Actuators Keep Industry in Motion

Power Jacks AC electro-mechanical actuators are specially designed for a broad variety of industrial applications. In areas where simplicity of installation and independent operation are required, they provide the answer. Many of the AC models feature easily adjustable limit switches for precise positioning and control, reducing operator involvement to the push of a button. AC electro-mechanical actuators also feature a patented bi-directional brake to eliminate drift. Available in stroke lengths from 50-600mm (2-12 inches) and input voltages of 115V (60Hz) and 220V (50Hz), Power Jacks packaged electro-mechanical actuators provide the perfect solution for all your linear motion applications.



DC Actuators For Applications on the Move

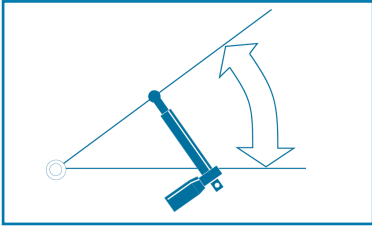
Originally developed for use on agricultural machinery, the Power Jacks family of 12 and 24 volt DC electro-mechanical actuators provide solutions for all of your mobile linear actuation needs. Compact and powerful, they are suitable for applications up to 9kN (2000lb). Critical for mobile applications, the aluminium alloy housing and compact drive mechanism give the Power Jacks family of DC actuators greater power-to-weight ratios than any other. Simple to install and easy to maintain, Power Jacks range of DC electro-mechanical actuators are the perfect solution to your mobile actuation needs.



Please ask for a CD-ROM with 2 interactive design guides, 4 product guides and CAD drawings or download from our web-site at www.powerjacks.com

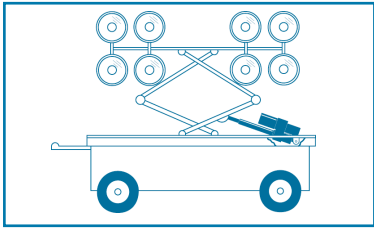
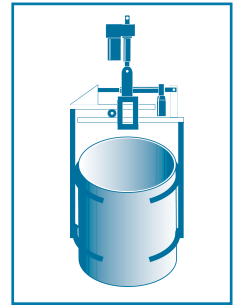


Typical applications



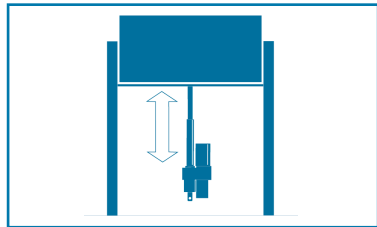
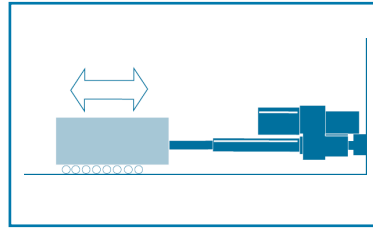
Tilt/Pivot

Example
Drum/Barrel Lifter

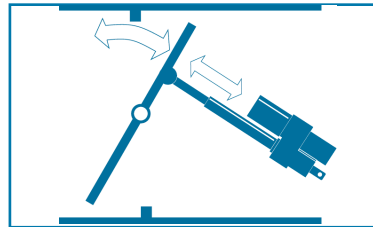


Example
Portable Roadside Lighting

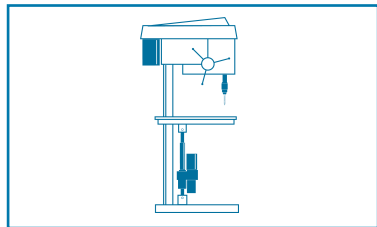
Roll/Slide



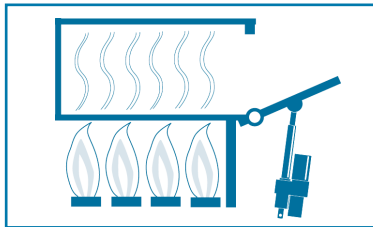
Lift/Lower



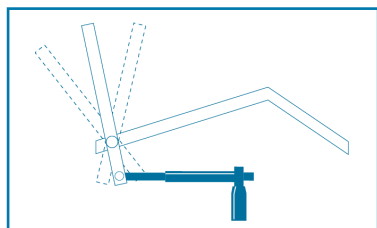
Open/Close



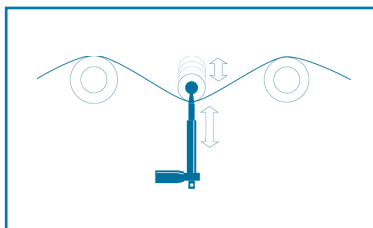
Example
Drill Press Table



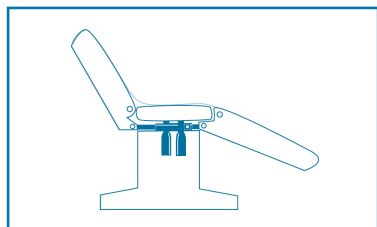
Example
Industrial Oven



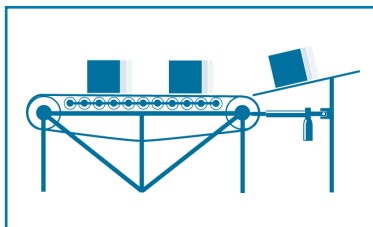
Position



Tension



Example
Dental Chair



Example
Conveyor system