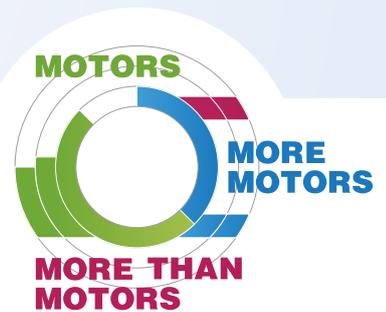


NEW



## ELECTROMECHANICAL LINEAR ACTUATORS AN IDEAL REPLACEMENT FOR HYDRAULIC CYLINDERS



### ABOUT LAWKIM MOTORS

Lawkim is a part of the Godrej Group, one of the most trusted brands in India. Established in 1961, Lawkim specialises in manufacturing various types of electric motors for industrial applications. We endeavour to constantly provide new and advanced technology products to the industry, which can enhance productivity, save energy or simply improve work conditions. Our years of experience in the industry is now leveraged for offering value-added products, so that you can benefit through more precise, reliable and economical offerings.

### Typical Applications

- > Special Purpose Machines
- > Economical substitutes for hydraulic and pneumatic presses

### Specifications

- > Max. stroke length: 500 mm
- > Max. compressive load: 1000 kg
- > Max. lifting capacity: 20 kg
- > Electric supply: 230 Volt, AC, 50 Hz  
415 Volt, AC, 50 Hz 3 phase
- > Max. speed: Up to 12 mm/sec
- > Shaft diameter: 20 mm to 50 mm

### LINEAR ACTUATORS

Lawkim, with its vast experience in manufacturing electrical motors for industrial applications is looked upon as a solution provider. Our consistent development efforts have now resulted in successfully developing technology for linear displacement. The new Linear Actuator range from Lawkim is an ideal replacement for conventional hydraulic cylinders, ensuring lower investment and running costs without any compromise on precision or performance.

The Lawkim Electromechanical Linear Actuator is the perfect solution for various applications requiring high precision controlled linear motion. In this type of actuator, the rotary motion of the motor is converted to linear displacement using high precision lead screw. It is designed to perform in tough industrial environments and offers several advantages over hydraulic cylinders without any compromise on performance.

Lawkim Electromechanical Linear Actuators have demonstrated successful performance for a variety of applications as substitutes for small hydraulic and pneumatic cylinders in presses and special purpose machines.



NEW

SAVE SPACE  
SAVE ENERGY

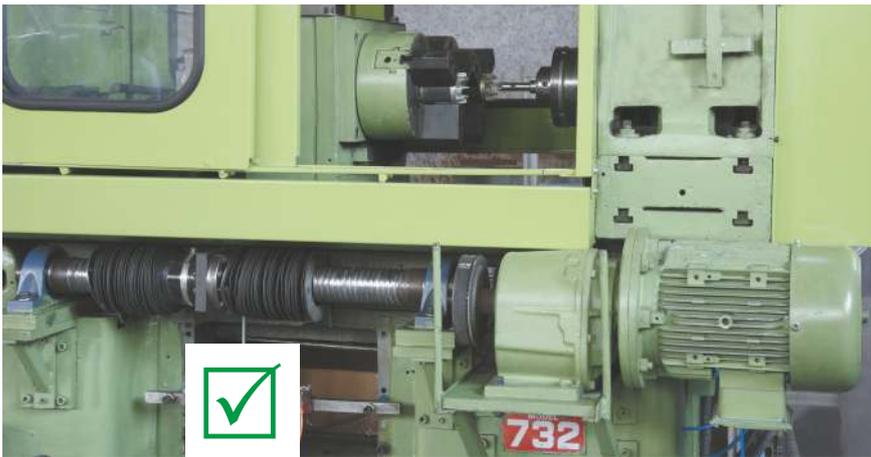
# ELECTROMECHANICAL LINEAR ACTUATORS

## AN IDEAL REPLACEMENT FOR HYDRAULIC CYLINDERS

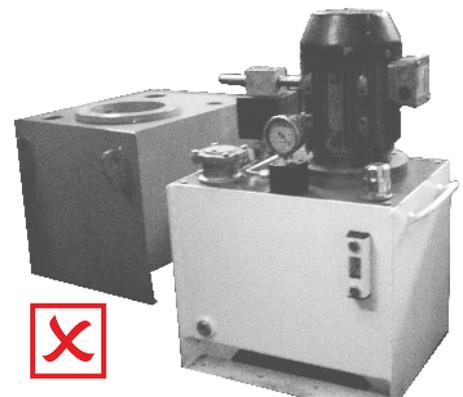
### Features & Benefits

- > **Versatility**  
Available for all applications where compressive load requirement is up to 1000 kgf
- > **Compatibility**  
Modular design which can be adapted suitably to replace hydraulic cylinders
- > **Lower running costs**  
Saves more than 50% of running costs compared to equivalent hydraulic and pneumatic systems. The actuator motor operates only when required, unlike motor in hydraulic power pack which runs continuously irrespective of usage.
- > **Space saving**  
Occupies small space compared to the large space required by hydraulic power pack
- > **Clean system**  
No usage and spillage of hydraulic oil
- > **Torque limiter (optional)**  
Avoids the possibility of exerting excess load on the job
- > **Continuous operation**  
System can be run continuously without affecting performance
- > **Variable speed**  
Actuation speed can be adjusted with the use of VFD to suit operational requirements
- > **Quick payback**  
Even replacing your existing hydraulic cylinders is an idea worth considering. The replacement cost can be recovered in just 6 months (approx.)\* besides freeing up valuable floor space occupied by bulky hydraulic power packs and frequent hassles of maintaining them.

\*Depending on application



An ideal replacement for hydraulic cylinders



  
**LAWKIM**  
MOTORS GROUP

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Kolkata | Bangalore | Chennai | Jaipur | Chandigarh | Indore

Authorised Dealer / Distributor

Due to continuous product improvements and its incorporations, we reserve the right to change the design, technical specifications and dimensions without prior notice