



SMC launches its new **EASY**
to operate and install
LE – electric actuator range

**Speed, Force and
Positioning control**

NP INNOVATION AT A GLANCE

**New Range of Easy Setting actuators -
Simple to use - delivering outstanding Speed, Force and Positioning Control**



In addition to each models individual performance features, our complete LE range is extremely compact and offers safety features including drop prevention.

- Simple to use** - the controller is dispatched with the required actuators parameters already preset.
- Additionally** - it's easy to use software makes programming child's play!
- Multiple Positioning** - Up to 64 different positioning points

Applicable to the complete LE electric actuator range - Series LEF, LEH, LES & LEY

+ For all LEC related information, please [click here](#).

MORE INNOVATIONS THIS MONTH



Series LEF - Slider Type Electrical Actuator

Adjustable for different applications:

Two Driving Methods:

- 1) Ball Screw Drive - for repeatable accurate positioning
- 2) Belt Drive - for long stroke, high speed and light load transfer Plus

Two Motor Types:

- 1) Step Motor - Ideal to transfer high load at low speed
- 2) Servo Motor - Stable at high speed and silent in operation

LEF - Our SMC expert recommends it for:

- Precise positioning of workpieces
- Pick & Place applications
- Load and unload transfer of work pieces
- Vertical transfer

+ For all LEF related information, please [click here](#).



Series LEH - Electric Gripper

Able to handle delicate workpieces - their outstanding holding force control prevents the grippers damaging the handled material

Energy Saving - when the fingers are not in operation, the power consumption is reduced

LEH - Our SMC specialist recommends it for:

- Length measurements - alignment and selection of parts
- Control of mounting speed - excellent holding force and positioning when using easily damaged parts (e.g. eggs or test tubes)
- Positioning and length measurements of easily deformed parts (e.g. O-ring or IC)
- Gripping of cylindrical or spherical parts

+ For all LEH related information, please [click here](#).



Series LES - Electric Slide Table

Environmental Resistant - Enclosure equivalent to IP54, the motor and screw are within the body. Therefore, it can be used in the same environments and conditions as a standard air cylinder.

Reduced cycle, start-up and maintenance time - Max. acceleration and deceleration: 5,000 mm/s²

LES - Our Electric Actuator specialist recommends it for:

- Aligning work
- Pick and place applications

+ For all LES related information, please [click here](#).



Series LEY - Rod Type Electrical Actuator

Long Stroke - Max. 500mm

Flexible Mounting - Direct Mounting (from 3 directions) and Bracket mounting (3 types) are

"Speed, force... if"

Speed, Force and Positioning Control

Do you suffer from:

- poor workpiece detection
- constant workpiece breakage
- high rejection rates due to workpiece marking
- on-going gripper finger breakages
- increased operational downtime for constant maintenance or corrective component adjustment

Do you find:

- difficulties in controlling the actuator speed and acceleration
- the impact at the end of the stroke of an air operated actuator excessively abrupt
- the weight of air operated grippers higher than you would like
- that you need multiple types and sizes of air operated actuators in your application/s
- complications when fitting multiple auto switches to your application/s
- physical challenges in accommodating pneumatic air-lines in your application/s

Do you currently:


- require a high inventory of component stocks for your application/s
- experience high machine noise due to the constant venting of compressed air

If these problems sound familiar to you, then our latest range of electric actuators can now provide you with an ideal solution.

Smooth acceleration and deceleration, controlled gripper force and accurate, repeatable, multi-positioning, are just a few key performance benefits you will enjoy by selecting a SMC electric actuator for your application/s.

Quieter than an air operated actuators and cleaner in operation, our complete LE range of electric actuators offer excellent performance, outstanding reliability and unbelievable precision and accuracy.

And, with our "easy mode" setting, you no longer need to be a genius to programme and experience the operational benefits of our LE product range - total Speed, Force and Positioning Control.



now available
Motor mounting position can be selected from either: top, right or left sides

LEY - Our expert recommends it for:

- Transfer, Opening and Closing, Rotation
- Pressing & Pushing
- Press-fitting

[+](#) For all LEY related information, please [click here](#).

"Easy setting" Electric Actuators

[Visit our website](#) to learn more about our "easy setting" Electric Actuators

[+](#) "Easy Setting" - Electrical Actuators Catalogue

Your contact details have been gathered through the CADENAS Web Site. All your gathered personal data are a part of database property of SMC's European Marketing Centre and we guarantee a lawful use of the same.

SMC does not share, rent, sell, or otherwise disclose your personal data to third parties under any circumstances.

In compliance with the Directive 95/46/EC of the European Parliament you will be able at any moment of exercising your rights of access, rectification, cancellation or opposition acknowledge in the mentioned law by contacting SMC on emcmarketing@smc.smces.es

SMC - European Marketing Centre -
Zuazobidea 14, Pol. Industrial Jundiz
01015 Vitoria - Spain
emcmarketing@smc.smces.es