



Linear Actuators

Advanced Components for Industrial, Mobile and Structural Applications



Linear Motion. Optimized.™

Thomson - the Choice for Optimized Motion Solutions

Often the ideal design solution is not about finding the fastest, sturdiest, most accurate or even the least expensive option. Rather, the ideal solution is the optimal balance of performance, life and cost.

Quickly Configure the Optimal Mechanical Motion Solution

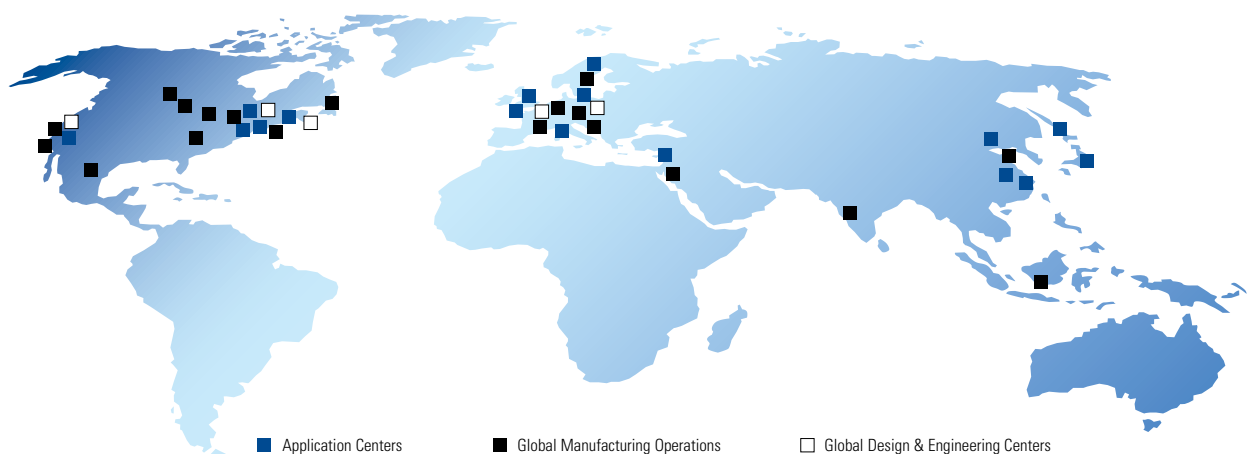
Thomson has several advantages that makes us the supplier of choice for motion control technology.

- Thomson owns the broadest standard product offering of mechanical motion technologies in the industry.
- Modified versions of standard product or white sheet design solutions are routine for us.
- Choose Thomson and gain access to over 70 years of global application experience in industries including packaging, factory automation, material handling, medical, clean energy, printing, automotive, machine tool, aerospace and defense.
- As part of Altra Industrial Motion, we are financially strong and unique in our ability to bring together control, drive, motor, power transmission and precision linear motion technologies.

A Name You Can Trust

A wealth of product and application information as well as 3D models, software tools, our distributor locator and global contact information is available at www.thomsonlinear.com/contact_us. Talk to us early in the design process to see how Thomson can help identify the optimal balance of performance, life and cost for your next application. And, call us or any of our 2000+ distribution partners around the world for fast delivery of replacement parts.

Local Support Around the Globe





Leveraging Decades of Design and Application Expertise

The history of Thomson actuators goes back to the mid-1960s when American engineers used ball screws to build the first generation of electric linear actuators. These were developed for control of accessory drives on garden tractors and farm equipment. Since that simple beginning, actuators are now used in all types of equipment to automate processes, remove people from dangerous situations, provide remote control, and make difficult, tedious or manual jobs easier.



1967

The first electric linear actuators, designed for agricultural equipment, are released.



1974

First line of actuators with parallel motors are released.



1982

The **Electrak 10** actuator line is released.



1984

Electrak 1 - the miniature actuator is released.



1991

The first series of **lifting columns** are released.



Linear Actuators

Today, Thomson is the market leader for electric linear actuators used in the most demanding applications, including construction and agriculture vehicles. We routinely collaborate with OEMs globally to solve problems, boost efficiency and enhance the value passed on to their customers.

Call us today to discuss how our vast offering of standard or custom solutions can deliver the optimal balance of performance, life and installed cost for you and your applications.



Thomson actuators help people every day at home or work, during commuting, or when visiting the doctor, dentist or therapist.

1999
Electrak 050 is released.



2000
The rodless **LM80 actuator** is released.



2013
Electrak Throttle and **Max Jac** are released.



2016
Electrak HD is released.



2019
Electrak GX is released.



2020
Electrak MD is released.

