THOMSON
Linear Motion. Optimized.

RediMount™ Adapter Kit

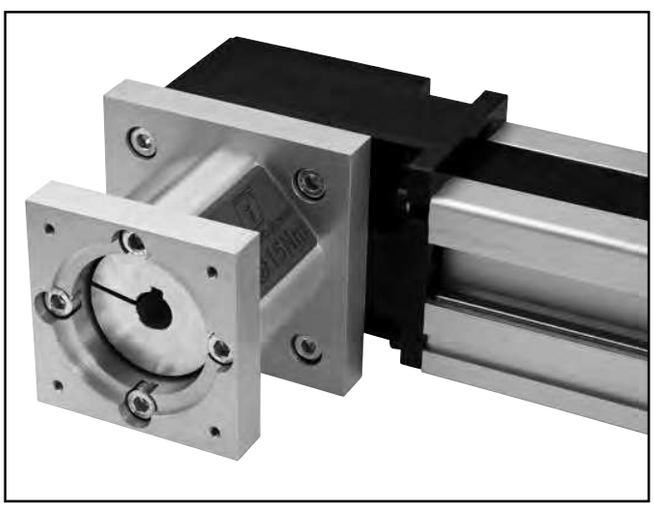
Fast, Accurate and Hassle-Free Motor Mounting

The popular and easy to use Thomson RediMount motor mounting adapter kit is now available as standard on all Thomson linear motion systems, making the whole process of choosing and mounting a motor much faster and easier.

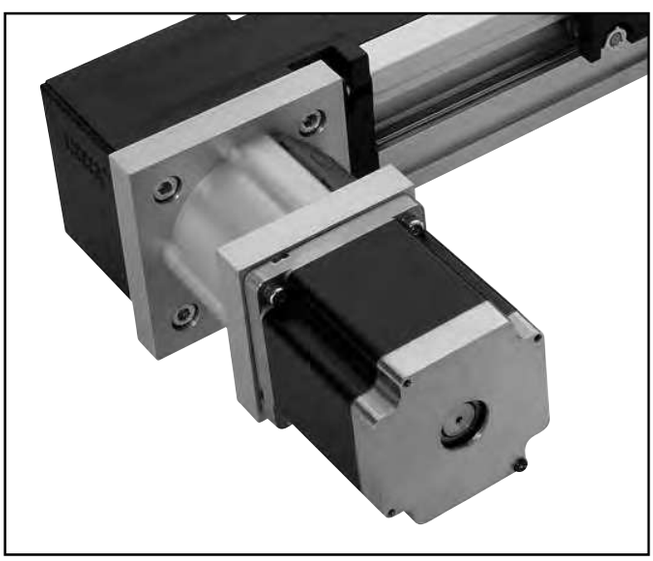
Designed to accommodate more than 500 different motors and gearheads from a variety of manufacturers, the Thomson RediMount adapter kit eliminates the need for custom-made, intermediate flanges between your choice of linear motion system and motor or gearhead. With the optimized RediMount kit, you'll be ready to order your complete linear motion system for your application within five minutes.

A RediMount kit includes a flange and coupling to mount to your preferred motor or gearhead. The flange has been machined to exactly match the motor pilot and mounting holes, while the coupling has been bored to match the diameter of the motor shaft and the corresponding shaft key. All necessary hardware is included.

Each RediMount kit alternative is identified by a three-character code that can be designated within the overall linear motion system part number. You can configure this RediMount code as well as your entire part number on www.LinearMotioneering.com. There, you can enter your application parameters to configure a solution that provides an optimal balance of performance, life, and cost. Once you've sized your system and ordered and received your linear motion system, installation is easy.



The linear motion system will arrive with the motor interface flange mounted to the unit. In a separate bag, you will find the motor coupling half, the motor bolts and the plug.

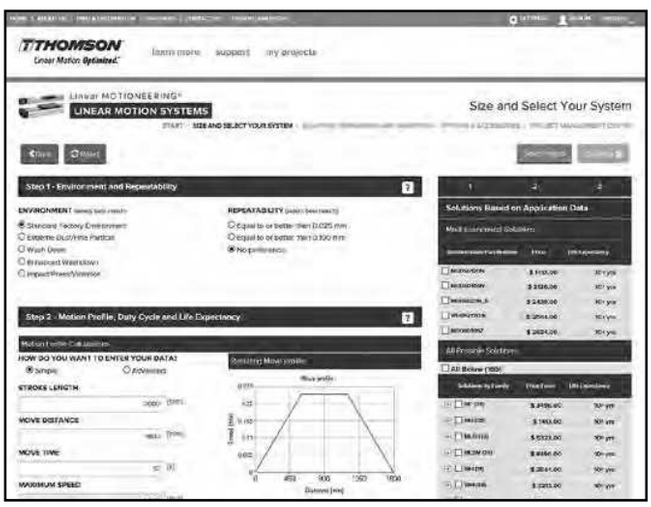


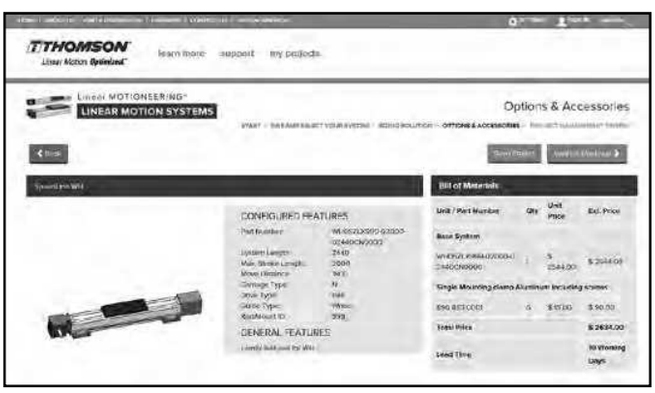
Insert the motor onto the interface flange, attach and tighten the included motor bolts, and tighten the coupling to the motor shaft. Finally, secure the plug over the coupling access window.

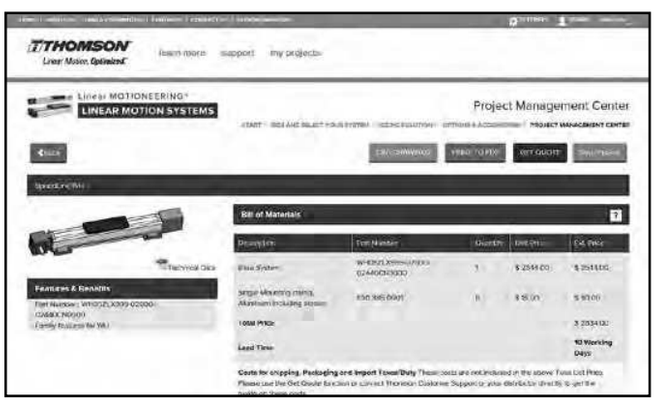
Simple Product Selection with Linear Motioneering®

Online Product Selection

The Linear Motioneering sizing and selection tool is designed to make it simple to choose the right linear motion system for your application. Simply enter the basic parameters for your application and let Linear Motioneering do all the work. Once a solution is selected, you can add accessories and options, download a CAD model, and get price and delivery time.







1. Visit www.LinearMotioneering.com.
2. Enter your application parameters.
3. Choose a unit from the list of solutions, optimized for your application.
4. Add options and accessories to create your bill of material, with price and lead time.
5. Request a quote. Costs for shipping, packaging and import taxes should be requested directly from Thomson Customer Support.
6. Place an order.

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Linear Motion Systems Applications

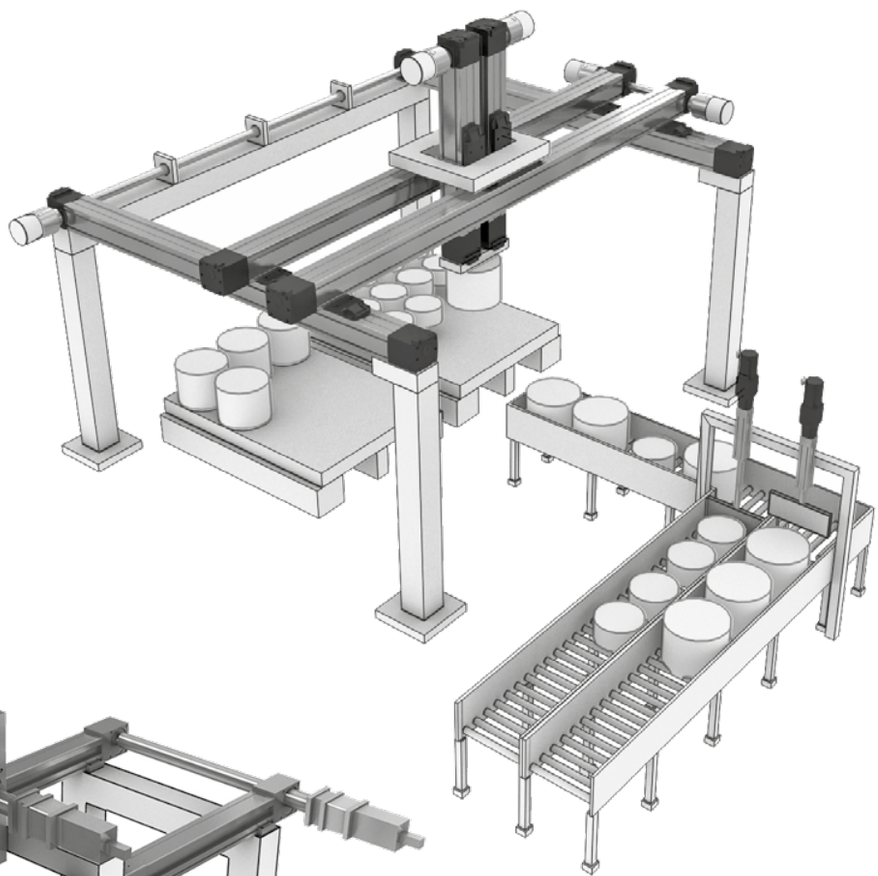
Decades of Application Experience

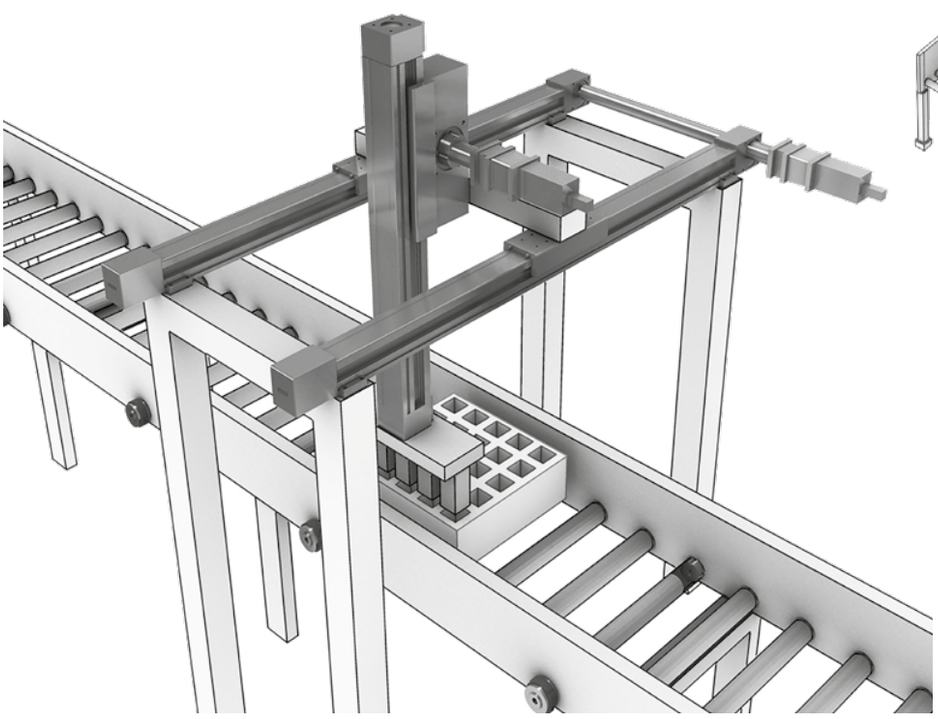
Thomson has one of the broadest ranges of linear motion systems on the market. We also provide a large number of components and accessories, such as gearheads, intermediate shafts, mounting kits and sensors to help optimize a solution for your application.

Handling and packaging
Use linear motion systems for economical point-to-point transport motion. Speed, long stroke and/or environmental protection may be critical parameters that many times can be addressed by using Thomson linear motion systems.

Printing and scanning
Linear motion systems can cover the large areas, high speeds and acceleration rates at the accuracy required for this type of equipment.

Food processing
Fully enclosed units, also available with enhanced environmental protection, make linear motion systems suited for the often wet and humid conditions in the food industry where cleaning with high-pressure water is common.



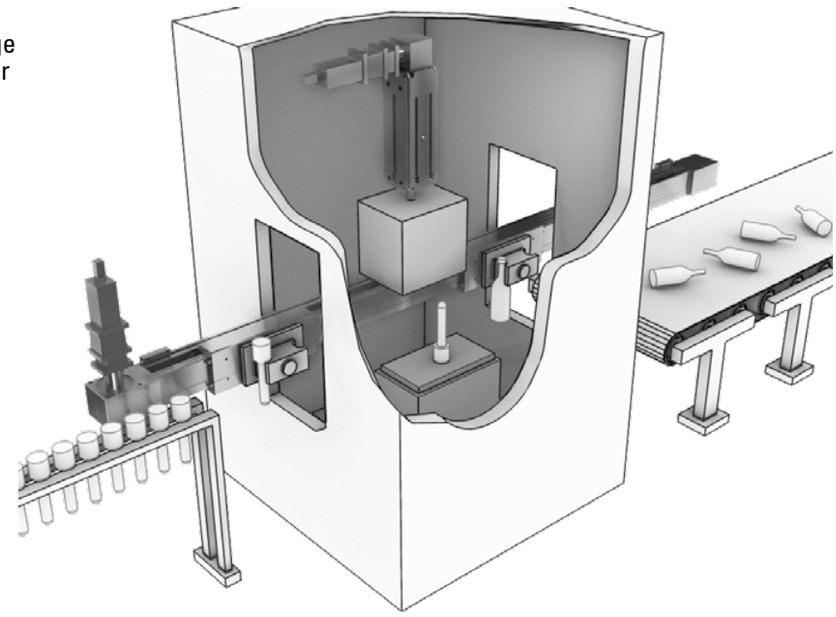


Filling and dispensing
Relatively short, rapid movements at high duty cycle, low load and medium accuracy are common in these types of machines. Linear motion systems are often used in these applications and especially those with belt drives.

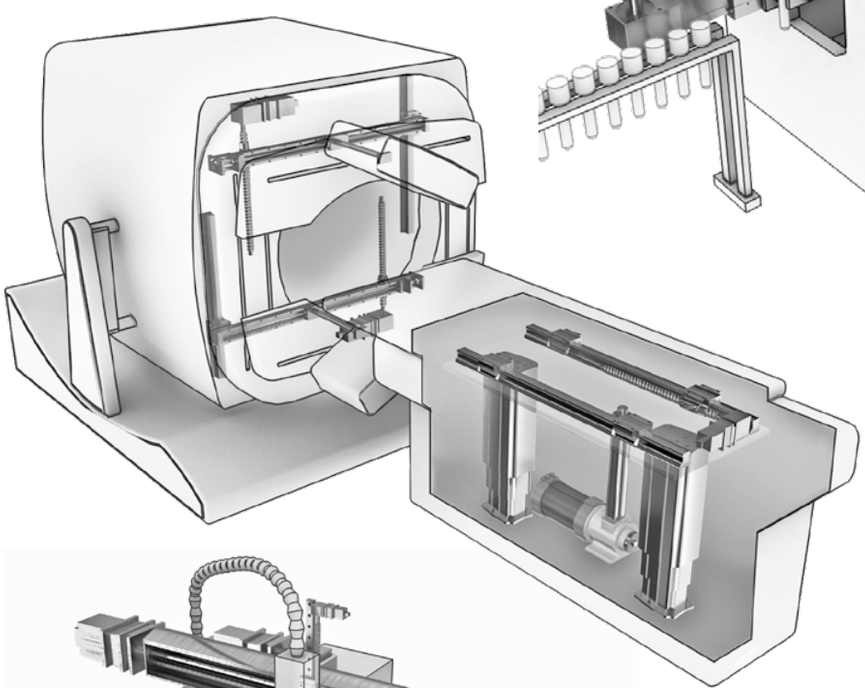
Linear Motion Systems Applications

Decades of Application Experience

Factory automation
Factory automation is a general term for a large range of applications, and the requirements for speed, load, accuracy and other parameters vary. The variety of Thomson linear motion systems makes them a versatile and flexible building block in the design of factory automation equipment.

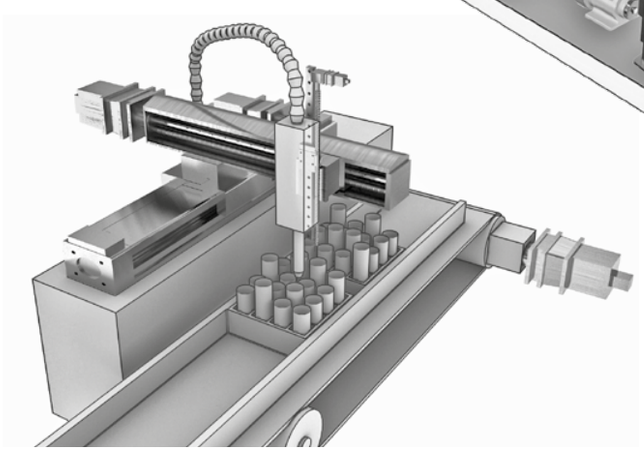


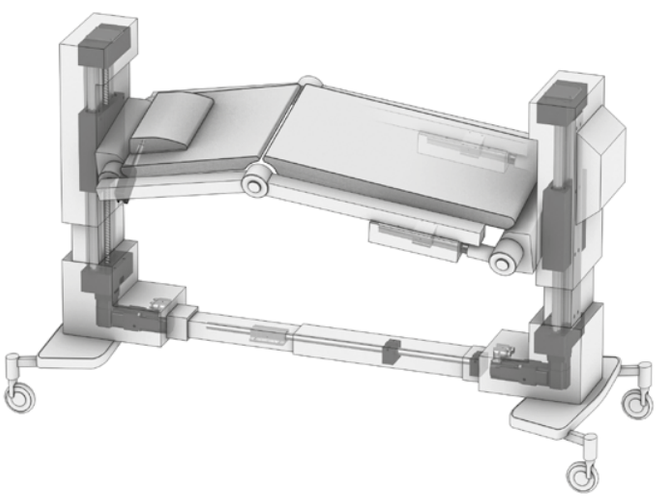
Machining, test and measurement
This type of equipment requires linear motion systems with the highest accuracy, stiffness and rigidity.



Medical diagnostics/treatment equipment
Given the precision of these devices, linear unit systems need to be quiet and smooth, while at the same time, able to handle high loads accurately. Reliability, safety and low maintenance are also crucial parameters in medical equipment. Thomson has successfully supplied linear motion systems to this type of equipment for many decades.

Patient handling/ergonomic lifting devices
You can find linear motion systems in many types of adjustable tables, lifting devices, examination equipment and different kind of manipulators.





Lab automation
In this type of equipment, relatively light loads have to be moved short distances accurately and quickly. It is also important to keep the smallest possible footprint and not contaminate the environment. Thomson offers several linear motion systems that are well suited for these types of applications.