



MOTION CONTROL
STOCK AND CUSTOM PRODUCTS
www.metrolmotion.com



METROL MOTION CONTROL PRODUCT OVERVIEW



GAS STRUTS

From the initial design to concept, development, prototype, testing, and full production, we cover the entire lifespan of our gas strut products. We offer a wide range of gas struts and gas springs for various applications, including adjustable, fixed force, traction gas struts, and custom struts.



INDUSTRIAL GAS SPRINGS

Metrol specialises in the design and manufacturing of gas spring products. Our springs are designed to perform in the most demanding environments. This is achieved through our latest sealing technology, specialist materials, and protective finishes.



WIRE SPRING PRODUCTS

We manufacture many of our springs using unalloyed spring and stainless spring steel. Unalloyed steel is often a cost-effective option when the spring application is in a non-weathering environment. Stainless steel offers many advantages for springs to be used in exposed areas, outside, or at high temperatures due to its more durable nature.



ACCESS HARDWARE

At Metrol Motion Control, we have a high-quality range of locks, latches, hinges and handles available in various sizes and specifications. We have many years of experience in access hardware ironmongery, with a wide range of products suitable for many applications.

OFFICIAL DISTRIBUTORS FOR **ACCURIDE AND TIMOTION**



Accuride® DRAWER SLIDES

Accuride drawer slides (or runners) are the leading telescopic slides used across many sectors, including industrial and electro mechanical markets. Here at Metrol, we have hundreds of drawer slides available with different specifications to suit all applications.



M THREADED INSERTS

Metrol's key locking threaded inserts are an incredibly innovative product, which can be utilised for quickly repairing damaged threads with newer, stronger ones. Moreover, these inserts are easy to install and remove, with no specialised drills or pre-winder tools being required.



M ANTI-VIBRATION MOUNTS

Anti-vibration mounts, also known as AV Mounts or AVMs, are key components in reducing noise and vibration in heavy machinery and equipment. AVMs are a low cost and effective component, with an array of different uses across a range of industrial sectors.



TiMOTION LINEAR ACTUATORS

An electric linear actuator is a device that converts the rotational motion of an electric motor into linear motion, in the form of push and pull movements.



CAD Design



FEA Analysis



Technical Calculations



Kanban Stock System



Prototyping



Field Testing



DFM



Production

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