

Purpose of a Compact Pneumatic Cylinder

A compact pneumatic cylinder is often used in industrial or process applications where space is limited. In our latest article, MGA Controls discusses compact **pneumatic cylinder selection** and potential **compact pneumatic applications**.

Compact pneumatic applications

Compact pneumatic applications are often where space is precious. A **short stroke pneumatic cylinder functions** on the same principle as a pneumatic actuator, however they are often used where space is limited. Common **compact pneumatic applications** include:

- Automotive
- Medical
- Food & Beverage
- Work holding Equipment

Compact pneumatic cylinder selection

At MGA Controls, we have a wide compact **pneumatic cylinder selection** from Norgren. Below, we outline some of the more popular compact pneumatics for space saving applications.



The [Norgren RA/191000 Series](#) is a spring return ISO compact pneumatic actuator, offering high performance and maintenance free pneumatic solution. With a range of bore sizes between 20mm-63mm, and maximum stroke length of 50mm, this **short stroke cylinder functions** with a 'sprung in' resting state. The Norgren RA/191000 is also offered at an exclusive price when purchased from our online store.

Another favourite from our compact **pneumatic cylinder selection** is the [Norgren RM/92000 Series](#) which is a double acting short stroke compact actuator with magnetic piston. This **short stroke cylinder functions** with a high thrust, in one third of the space of an ISO/VDMA cylinder. Also, working with a maximum stroke of 300mm and a bore diameter from 12-100mm, you receive high performance whilst also saving space. The RM/92000 is ideal for applications where space is at a premium.



For more information on our **pneumatic cylinder selection**, contact the technical team at MGA Controls today on **01704 898980** or email sales@mgacontrols.co.uk. One of the team will be happy to guide you to the product that is right for you. If you are ready to purchase a compact pneumatic cylinder, have a look at our online store, where we have web exclusive prices and offers.

