

Top Quality

The gas springs themselves are subject to the highest quality standards. Only gas springs with the best possible piston rod surface offer long durability. Less surface quality allows, with each stroke, very small amounts of gas to be transported to the outside and such gas springs would soon lose pressure.



Just as important are the seals. They meet very special requirements, e.g. the operation under very high or low temperatures or to provide for a very long service life.

To guarantee the high quality every DICTATOR gas spring has to pass a final control check before leaving the factory. Our ultra-modern testing facility measures the pressure, the force path and the damping behaviour and stores these values related to the order. This guarantees that only gas springs with faultless function leave production. In addition all material used is subject to a detailed test on receipt and to a long-term test.



Our high quality standard applies not only to the product itself but also to the complete DICTATOR range of services.

DICTATOR Gas Springs with Comprehensive Service

DICTATOR does not just manufacture gas springs, but offers a complete service. This includes a comprehensive advisory service. If required, we offer our services during the design phase. We advise on the necessary functions of the gas spring, calculate the gas spring free of charge, define the fixing points and help in choosing the appropriate fixing accessories. Only a gas spring having been designed exactly for the respective application achieves the best required result. This applies not only to the faultless functioning but also to long product life. If designed accordingly, gas springs protect material and machines and also minimise possible risks of injury for operators and users.



Although every gas spring is manufactured individually to meet customer requirements, production time does not usually exceed 10 working days! In addition DICTATOR offers a special service: as a rush order we produce gas springs within 3 working days and in extremely urgent cases we can even manufacture them the same day. In addition we offer certain dimensions of gas springs that we keep in stock, but the pressure of those can be adapted to your requirements.



Just contact us.  
With pleasure we will take the time to help you.

Special Solutions are our 'Speciality'



Lift Equipment



Door Closer Solutions



Access Control Systems



Door and Gate Operators



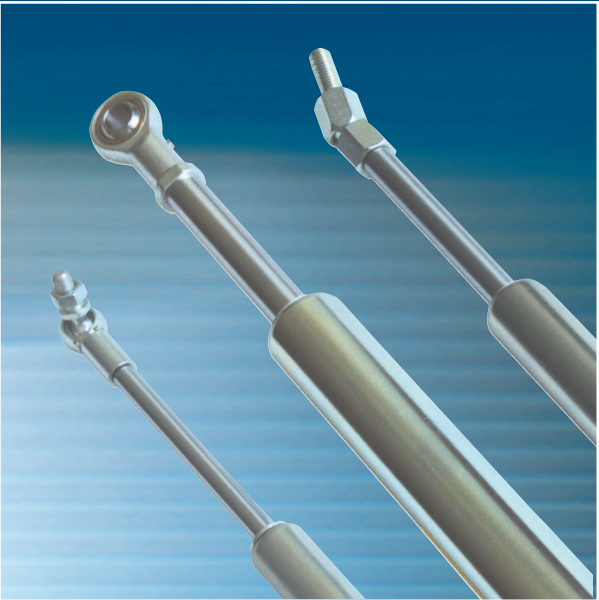
Fire Door Operators



Fire Door Control Solutions



Damping Engineering



Gas Spring Technology



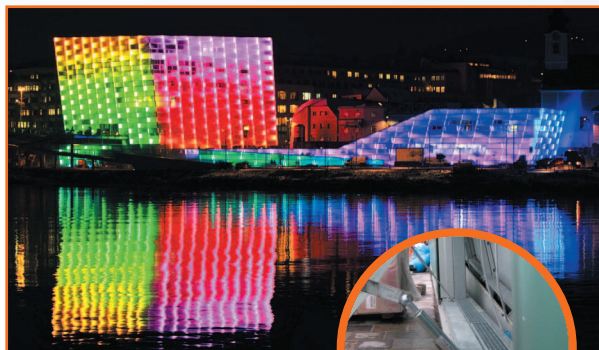
75  
Years of  
Experience



### Architecture

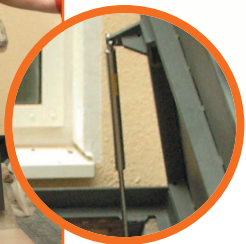
DICTATOR gas springs are often invisible but nonetheless essential in many aspects of modern construction. They are used in highly prestigious projects such as London City Hall or Ars Electronica Zukunfts- und Technologie-museum (Future and Technology Museum) in Linz/Austria as well as for safe, reliable operation on various types/sizes of windows.

DICTATOR offers a free advisory and calculating service and the production facilities are flexible to handle single units as well as large quantities. Amongst other uses are: opening of trap doors, skylights, smoke evacuation openings, inspection shafts, emergency escapes and many more.



### Metal Construction

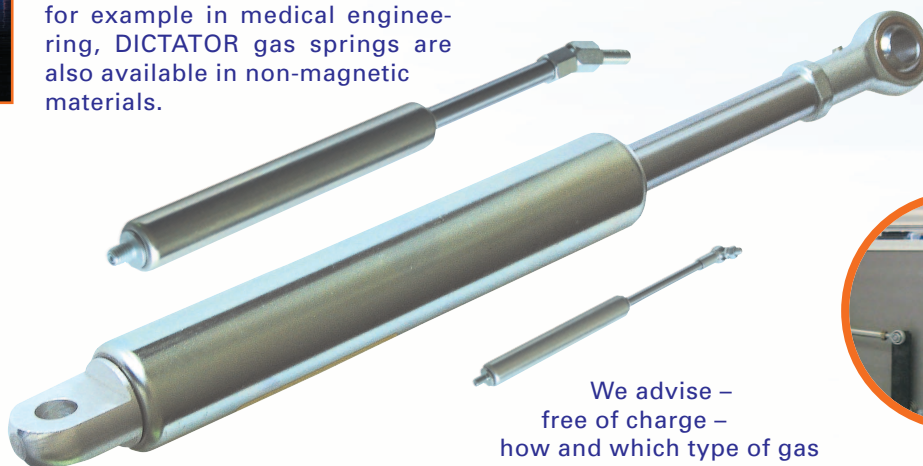
Often you need special products or the development of individual systems as well as adapting existing products and techniques to meet special requirements. Gas springs often offer solutions when the problem is opening and closing or keeping open trap doors, manhole covers, chutes and all kinds of tilting and hinged devices. Specially designed and adapted gas springs are used in feeder chutes for waste containers, special stainless steel containers for dairies or other food processing factories, in special applications for vans, garbage chutes and many more applications. To find the ideal solution, DICTATOR assists during the design and construction phases.



### DICTATOR Gas Springs – the Universal Genius

The gas spring applications shown on this page cover just a few of the wide range of uses. They are also used in diverse applications such as gadgets and devices, in robots and even in height adjustable milking stools and medical couches.

For certain special applications, for example in medical engineering, DICTATOR gas springs are also available in non-magnetic materials.

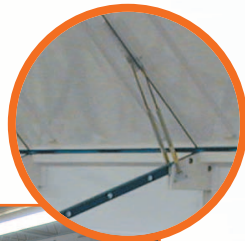


Other, less obvious, uses include applications in the construction of trade fair stands, in amusement parks where they help with the safe working of water carousels, big dippers and much more. In short, they can be used in an extremely wide range of applications.

We advise – free of charge – how and which type of gas spring you should use and we manufacture it individually for you.

### Interior Fitting

There are many reasons to use DICTATOR gas springs in interior applications: optimum use of available space, simple handling. They are a very useful feature, in show case covers, in fold-away beds, special set construction, and in churches (for folding pews). Another application is for inspection flaps for technical/mechanical equipment such as in the BMW World building in Munich where the item has to be concealed but accessible for maintenance.



### Machinery

Safe and reliably functioning machines are essential for smooth and efficient production. Gas springs can be found in nearly every machine: either integrated directly in the machine to improve or accelerate functioning or on flaps and covers, safety covers, overload devices, and attachments which need to be removed for cleaning, etc.

Gas springs support the operation, reduce human effort to a minimum, protect high quality machines from vibration, give a reliable operation of safety switches and thus prevent downtimes in production due to defective parts or even damage to an expensive machine.



### Vehicle and Ship Construction

You will find DICTATOR gas springs in other applications where special requirements apply. In power sweepers they press the cleaning brushes to the outside.

A double protection tube prevents the gas spring from damage, even in such extreme conditions. Many DICTATOR gas springs are used in special vehicle construction, for truck interiors and superstructure parts, in the construction of food trailers, to open flaps, to position mobile partition panels in the loading space of trucks, for individual uses such as mobile conveyor belts, and much more.



In ship construction gas springs are mainly stainless steel (V4a grade which makes it more resistant to chlorine such as in swimming baths, sea air etc.) and are used to open or close flaps, portholes and other devices.