



Firestone

AIRIDE

The Granning Group are Firestone agents
and Industrial Airspring Specialists

Contact sales@granningaxles.ie with your inquiry

Firestone

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AIRMOUNT & AIRSTROKE



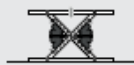
Firestone air springs make excellent isolators and actuators. When used as **Airmount** springs, expect over 95% isolation to protect delicate equipment, and support vibrating loads from damaging surroundings. As **Airstroke** actuators, they work in abrasive areas, can handle misalignment and angle motion, and with no seal to create breakaway force, react immediately.

Airmount isolators offer great alternatives to traditional coil springs and similar products made of metal, which are prone to corrosion, rusting and differing frequencies depending on load.

Airstroke actuators have long been used in the industrial market and are an ideal replacement for traditional pneumatic or hydraulic cylinders and the go-to pneumatic actuator for new and innovative machinery designs.



KEY APPLICATIONS



Vibrating Screen



Pivoted Clamping Device



Blower, Motor & Compressor

KEY BENEFITS



Optimized Load



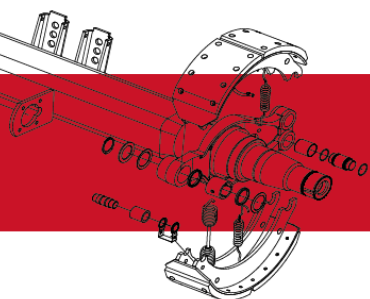
Great Isolation



Compact Size



Extra Durability



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MARSH MELLOW

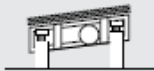
Firestone Marsh Mellow Rubber springs have long been used in isolation industrial applications field because of their reliability, corrosion resistance, low cost and basic simplicity. An excellent isolator, typically over 97% isolation, with no pinch points, it is a good alternative to coil springs.



USE

- **Vibrating Equipment Isolation**
Machines that use vibration to do work
- **Protecting the Surroundings from Normal Machine Vibrations**
Machines that produce vibrations as a side effect of their function
- **Protecting Equipment from Shock**
Impact Machines that generate shock as part of their performance

KEY APPLICATIONS



Vibrating Screen



Bin Hopper



Blower, Motor & Compressor

KEY BENEFITS



No Pinch Points



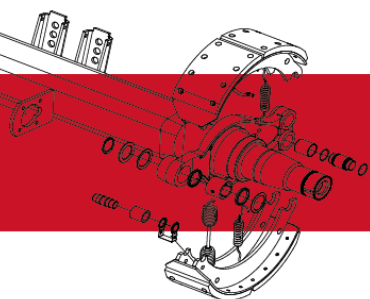
Great Isolation



Compact Size



Extra Durability



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MINISTROKE

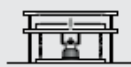


Firestone Ministroke Actuators have long been used in the industrial market as pneumatic actuators incorporated into new and innovative machinery designs as well as replacement actuators for traditional pneumatic or hydraulic cylinders. They have advantages over traditional cylinders in that they are durable, operate well in corrosive and abrasive environments.

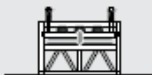


Table Data				Force Output at 100PSIG – 6,9 bar	
Style	Max. Diameter	Min. Height	Max. Stroke	1 inch	@max Stroke
1M1A-0	3,4 in. 8,6 cm	1,5 in. 3,8 cm	1,4 in. 3,6 cm	563 lbs 255 kg	500 lbs 227 kg
1M1A-1	3,5 in. 8,9 cm	1,5 in. 3,8 cm	2,0 in. 5,1 cm	613 lbs 278 kg	469 lbs 213 kg

KEY APPLICATIONS



Pivoted Clamping Device



Actuated Heavy Duty Sealer



Hinged Gate

KEY BENEFITS



Adjustable Load to Air Pressure



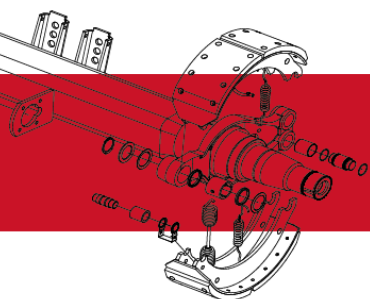
Smooth Operation



Compact Size



Extra Durability



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POLYACTUATOR

Firestone Airstroke Polyactuators has been lab tested for millions cycles without product failure or performance degradation. This part is constructed from two pieces of polyurethane welded together to form a tight, tough seal. This product's compact size means increased flexibility for all conveyor designs. It's a great and lower cost alternative to pancake cylinders.

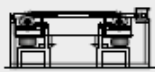


THE ULTIMATE SPACE SAVER

Our lineup is comprised of three models: **50-P**, **70-P** and the industry-leading **120-P** units, which can lift loads up to 570 lbs (259 kg).

For more details please check the next page.

KEY APPLICATIONS



Pivoted Clamping Device



Actuated Heavy Duty Sealer



Right Angle Transfer Section

KEY BENEFITS



FDA Compliant Polyurethane



Smooth operation



Compact Size



Extra Durability

