

Discover MGM...

MGM Brakes was born 50 years ago out of sheer necessity, when heavy, over-the-road vehicles, lacking a reliable air-brake system backup device, experienced air system failures that usually resulted in a runaway vehicle, endangering fellow motorists and pedestrians.

In 1956 the founders of MGM Brakes came up with an innovative solution to this safety problem. They developed a chamber containing a powerful spring and piston which, when connected to the vehicle's foundation brake system, provided an emergency parking brake. Under normal operating conditions, the spring and piston were held back by air pressure allowing the wheels to freely turn. However, a loss of system air pressure caused the spring to release, engaging the vehicle's foundation brakes. Whether acting as an on-the-road emergency brake, or as a secure parking brake, the device's safety benefits achieved worldwide acceptance as a simple solution to a serious problem which plagued the transportation industry for decades. As the inventor and manufacturer of the industry's first truly effective spring parking brake, MGM Brakes rapidly progressed from its humble origins to industry-leader status, where today our products are standard equipment on more than 125 makes of commercial vehicles manufactured in over 40 countries. We continue to refine our products and develop new solutions for our customers' changing needs, offering a full line of both double-diaphragm and piston-diaphragm spring brakes for use with Wedge, S-cam, and Disc Foundation Systems, as well as a new Electronic Brake Monitoring System.

The MGM Research & Development Labs and Technical Center are equipped with the latest equipment and are staffed by the best and brightest people. Our products are manufactured at two ISO-Certified facilities in the United States and are readily available through our global sales and distribution network, which is serviced directly from our centralized distribution center, ensuring easy access and rapid delivery to our customers.

MGM Brakes' pledge has always been to produce only the best quality products for our customers. That's how we became the industry's leader. When people think of spring brakes, they think MGM Brakes. After all, we invented the Spring Parking Brake.



**The Leader in
Spring Brake
Technology...
Worldwide**

FORM 5078



**Tough Jobs...
Tough Brakes**



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VOCATIONAL MARKET SPRING BRAKES



Model
TR-T
(shown here)

RUGGED BRAKES FOR TOUGH JOBS



Model
TR-TS
(shown here)

DESIGNED FOR
SEVERE OPERATING
ENVIRONMENTS



Discover Our... Heavy Duty Line of Spring Brakes



Our TR-T Models:

TR-T models are characterized by the quality design features of our world-famous TR Model lineup, with the addition of an "external breather-tube system". This feature prevents airborne contaminants and moisture from entering the spring chamber. TR-T models are ideal for tough applications: ready-mix concrete trucks, dump trucks & trailers (end dump and belly dump) refuse and other vocational vehicles that operate in harsh, dirty environments.

Our TR-TS Models:

TR-TS models offer all the standard features of the MGM TR-T Models plus the special extra added protection of "epoxy coating" on the upper piston plate, steel piston guide and the center flange case. These brakes are especially designed for severe operating environments, including: acids & liquid corrosives, salt, petroleum products, ready-mix concrete, refuse collection, livestock and poultry, toxic waste fertilizer, dry bulk chemicals and anyone who washes down with an acidic solution.

Our HD/HDW Series:

Both of the above models, the TR-T and the TR-TS, are available in our HD and HDW series. The HD series offers the benefits of the MGM patented "center-hole diaphragm" which maintains alignment of the power spring, reduces coil clash, increases center seal life and eliminates the effects of vibration caused by reverse cam rotation, heavy spring suspensions and "oversized" tires. The HDW offers the additional benefit of a "weld-reinforced" mounting base (NPC) for severe off-road operations. Both the HD and the HDW offer the benefit of a "heavy-duty power spring" which provides an additional 158 lbs. of parking force at 1.25 inches of stroke.



Designed for Severe Operating Environments



TR-T

- External breather-tube, seals out contaminants
- Heavy-duty reinforced diaphragms (neoprene optional)
- Center-hole shield prevents entry of contaminants
- Heavy-duty 8-gauge steel NPC (non-pressure chamber) standard on type 3030 and 3036 aftermarket models
- Heavy-duty 6-gauge steel NPC (non-pressure chamber) standard on type 3636 models

TR-TS

- Epoxy-coated inside and out for added protection
- External-breather tube design
- Heavy-duty steel NPC (non-pressure chamber)
- Center-hole shield prevents entry of contaminants



**EPOXY COATED
COMPONENTS**



WHEN YOU ARE
FACED WITH THIS...
OUR HD/HDW SERIES
IS YOUR ANSWER!

HD/HDW SERIES

- All the quality design features of the TR-T and TR-TS with the added feature of a heavy-duty power spring that provides approximately 158 lbs. more force output @ 1.25 inches of stroke over standard type 30 models
- Heavy-duty 8-gauge steel NPC (non-pressure chamber) standard on type 3030 aftermarket models
- Weld-reinforced NPC (non-pressure chamber) on HDW models

