



severe duty

A New Level of Performance and Corrosion Resistance



TSE's unique, innovative Severe Duty spring brake design is available in both the UltraLife and OmniBrake models. Engineered to handle your toughest heavy duty applications, including vocations such as refuse, concrete, dump trucks and school buses, TSE Severe Duty brakes offer the industry's longest service life and are an OEM standard direct fit and an OEM quality replacement.

Accordion Style Boot Cover

Severe Duty brakes protect the push rod with an accordion style boot cover made from neoprene rubber, which allows fewer outside contaminants for increased durability and longer life.

Stainless Steel Clevis Pin

Helps prevent seizing at connection between chamber and slack adjuster for an increased resistance to chemicals and excellent protection for salt water port applications.

Breather Holes Are Plugged

All breather holes on the Severe Duty are plugged except for two holes per tandem, allowing the chamber to drain and breathe while protecting it from outside material, ultimately extending service life of the brake.

Size/Stroke

Available in a 2430 and 3030 size in 2.5" or 3" stroke, TSE Severe Duty spring brakes are an OEM quality replacement.

In-House Testing Labs

As the only chamber manufacturer that offers all steel construction, TSE's in-house full immersion e-coating also guarantees 100% coating and consistent thickness for the best corrosion protection. Through their in-house lab TSE conducts extensive testing on brakes including high pressure cycle, vibration, hot cell cycle, salt spray and slurry.

Warranty

Severe Duty chambers come with an UltraLife 3-year or OmniBrake 2-year warranty, with extended options available for National Fleet Partner customers.

severe duty

A New Level of Performance and Corrosion Resistance

Self-guided pressure plate assures consistent alignment of spring providing super smooth operation and less wear. Steel APR plate is e-coated to eliminate corrosion degradation.

Patented bushing assembly provides self lubricating center seal that traps lubricant for extended service, reducing center section leaks and brake drag.

Full immersion electro-deposition coating inside and out for better corrosion protection.

Premium diaphragms feature high quality contaminate resistant rubber with nylon reinforced fabric tested well beyond the toughest industry specifications.

New severe duty neoprene rubber accordion style boot cover protects piston rod and improves seal for greater durability and longer life.

Severe duty stainless steel clevis pin helps prevent seizing at connection between chamber and slack. The pin has increased resistance to harsh chemicals and salt water. Excellent for brakes that start and stop more frequently.

TSE's 5-stage coating system for the ultimate in corrosion protection.

All steel design provides durable, air tight center section that virtually eliminates leaks and structural failures.

TSE designed High Vibration "HV" mounting base reduces vibration for longer life standard on UltraLife and T30/36 Omnibrake models.



TSE Brakes, Inc.

2310 Industrial Drive S.W.
Cullman, Alabama 35055

256-736-6275

www.TSEbrakes.com