

# Wheel-End Components

Setting the Standard for Quality and Performance



Proudly Supplying:

- Brake Drums
- Rotors
- Disc Wheel Hubs
- Spoke Wheels
- Automatic Slack Adjusters

 **GUNITE**  
Corporation

An **ACCURIDE**  
COMPANY

# Wheel-End Components

## Brake Drums and Rotors

Since 1923, Gunitite has supplied brake drums to the truck industry. Gunitite has custom engineered heavy-duty drums for truck, trailer, and off-highway applications. In fact, Gunitite brake drums are used by every heavy-duty truck builder and over 35 trailer customers in North America.

To ensure the industry's highest level of product quality in brake drums, Gunitite continually works with brake and lining manufacturers to optimize brake drum and brake system performance.

The fact is, the standards of quality and performance which Gunitite has established are directly responsible for the rigid requirements set by every major truck manufacturer. Gunitite brake drums continue to be used by all of the major brake and lining manufacturers in the qualification testing of their products as they strive to meet the ever-increasing demand for shorter stopping distances.

Gunitite offers a full compliment of standard and light weight brake drum products to meet the needs of all commercial vehicle customers. Gunitite's brake drums are designed to exceed SAE standards and are rigorously tested to achieve exceptional durability and performance.

The Gunitite Optimum Lightweight Drum (GOLD) provides significant weight savings reduction and lower maintenance costs by providing increased durability over competitive drums (up to two times drum life). Fleets have also reported a significant reduction in brake noise.



Gunitite's Tru-Pilot® drums offer a patented bi-level piloting system which allows maintenance personnel to properly install and seat the brake drum quicker than competitive drums.

Gunitite remains the industry leader in medium- and heavy-duty disc brake rotors. Gunitite recognizes that customer demand for disc brakes is increasing and has responded by enhancing its rotor offerings and its ability to develop world-class rotor products.

### Features and Benefits:

- Gunitite offers a full product line of brake drums and disc brake rotors.
- Gunitite brake drums and rotors offer a level of engineering quality that meets or surpasses the requirements of every truck and trailer manufacturer in North America.
- GOLD provides significant weight reduction (125 lbs. on a standard tractor/trailer combination).
- GOLD is proven to deliver increased durability and reduced brake noise.
- Gunitite Tru-Pilot® drums make proper drum installation quick and simple.
- Gunitite brake drums and disc brake rotors are available throughout North America at over 275 independent distributors (930 locations) and most truck and trailer dealers.
- All Gunitite brake drums and disc brake rotors are fully protected by one of the industry's most comprehensive warranties on material and workmanship.



## Disc Wheel Hubs

Today's fleets are focused on reducing the cost of operation per mile. In an effort to meet the growing need for lightweight wheel-end components, Gunitite offers a complete line of ferrous disc wheel hubs, which offer significant weight savings (up to 20%) over competitive ferrous hubs.

Gunitite utilizes Finite Element Analysis (FEA) to optimize its hubs for weight, while delivering exceptional strength and durability through the use of advanced metallurgy and unique structural designs. Gunitite lightweight disc wheel hubs can reduce the weight of a typical tractor/trailer combination by 109 lbs., as apposed to competitive hub/wheel assemblies.

# Setting the Standard for Quality and Performance

In addition to the significant potential increased revenue resulting from the weight savings, Gunite's Tru-Set® hub bearing spacer system can provide considerable savings in labor and warranty costs. Tru-Set® hubs eliminate the need to manually adjust bearing pre-load and end-play, resulting in lower labor and life-cycle costs. Tru-Set® hubs utilize high quality bearings and seals for extended hub life. Gunite's Tru-Set® hubs are backed by an industry-leading warranty of up to 500,000 miles, depending upon the application.

Gunite's world-class manufacturing process minimizes material handling which significantly improves quality and minimizes costs. This allows Gunite to offer its cutting-edge hub technology at a competitive price.

## Features and Benefits:

- Gunite lightweight hubs are available in steer, drive and trailer axle designs to fit the most popular axle and wheel applications.
- Gunite hubs are optimized for weight, but deliver exceptional strength and durability.
- Gunite lightweight hubs can lower the weight of a typical tractor/trailer by 109 pounds.
- Gunite Tru-Set® hubs significantly reduce labor and life-cycle costs.
- All Gunite lightweight hubs are ABS compatible.
- Gunite prices are extremely competitive due to world-class manufacturing processes.

## Spoke Wheels

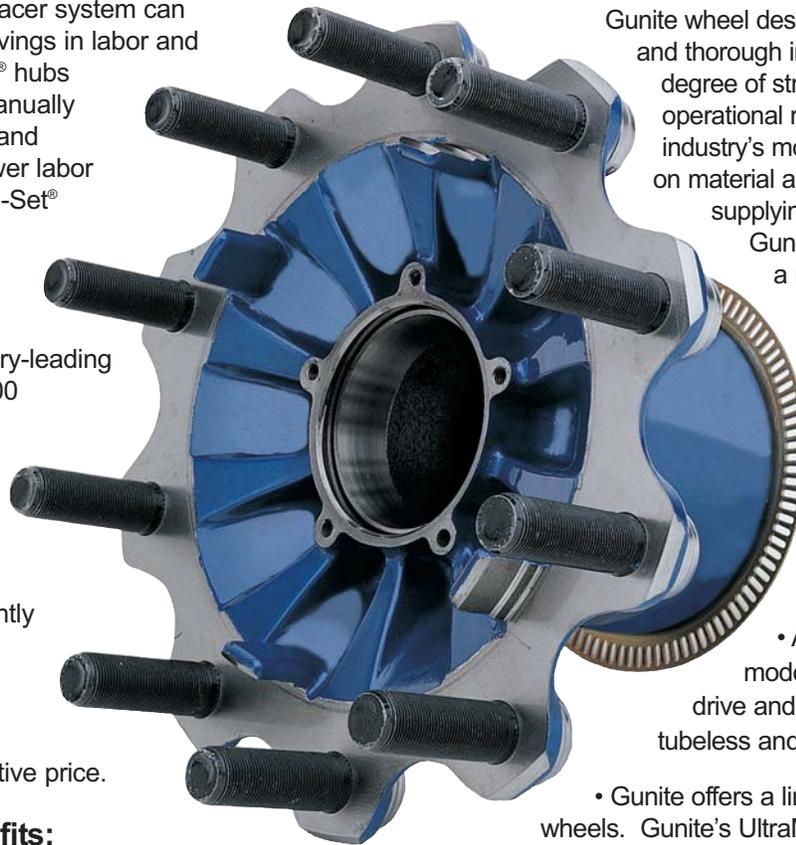
Gunite spoke wheels continue to be the industry's first choice for a wide variety of vocational applications such as off-highway, refuse, school buses, and other severe duty environments.

Gunite spoke wheels offer the rugged dependability required for the demands of these severe duty applications.

Gunite wheel designs undergo rigorous testing and thorough inspections to ensure the highest degree of structural integrity. And, Gunite's operational reliability is backed by one of the industry's most comprehensive warranties on material and workmanship. In addition to supplying all of the major truck builders, Gunite wheels are available through a network of more than 275 independent warehouse distributors as well as local truck and trailer dealers across North America.

## Features and Benefits:

- Gunite offers the broadest range of spoke wheels with models to fit the most popular axle applications
- Available in five and six spoke models, Gunite offers spoke front, drive and trailer wheels to fit all tube, tubeless and radial tires.
- Gunite offers a line of extra heavy-duty spoke wheels. Gunite's UltraMax® spoke wheels are 28% heavier than their standard spoke wheels with a substantially heavier cross section compared to standard spoke wheels.
- The UltraMax also offers 18% more rim contact area. The UltraMax wheels are available in 20 and 22 inch wheel sizes and are designed to fit most steer and drive axle applications.
- Gunite Spoke Wheels are backed by one of the industry's best warranties on material and workmanship.



# Gunite Sets The Standard

for quality and performance.

## Automatic Slack Adjusters

Gunite's automatic slack adjuster is the industry's first choice for performance, safety, and lower operating costs. Gunite continues to be one of the industry's leading automatic slack adjusters because of its proven performance and reliability.

Gunite's exclusive Collar Lock Clevis reduces assembly time with a simpler, quick installation while delivering a tight connection between the push rod and clevis. Other benefits such as a self lubricating worm gear and unhandled assembly, make Gunite Automatic Slack Adjusters the preferred choice. Gunite Automatic Slack Adjusters are available for all clevis configurations (standard threaded, extended or welded) making installation easy on any tractor or trailer application.

The next time you specify or purchase automatic slack adjusters consider the facts and select Gunite, the slack that outperforms the other brands while substantially lowering the operating cost of your fleet.

### *Lower inventory costs.*

Gunite's unhandled design means a substantial reduction in the spare parts inventory while covering more axle configurations.

### *Lower installation cost.*

Gunite Automatic Slack Adjusters install in half of the time required for most other brands. External brackets or mounting hardware are not required, which substantially reduces installation time and labor. This can mean a cost savings of up to 50% for installation alone.

### *Less downtime due to out-of-adjustment brakes.*

Gunite Automatic Slack Adjusters provide consistent brake adjustment, minimizing problems with DOT roadside inspections. Gunite Automatic Slack Adjusters maintain consistent shoe to drum clearance which will help maximize lining life. This reduces the number of brake relines.

### *Less downtime for re-lines.*

Gunite's simple, straight forward design allows brake relines to be accomplished in the shortest possible time. This reduces labor costs and keeps your equipment on the road longer.

Gunite Automatic Slack Adjusters are the simplest, most reliable and most cost effective slack adjusters available.

### Features and Benefits:

- Gunite Automatic Slack Adjusters adjust at the beginning of the brake application when the drum is at its coolest and component deflection minimal. That means a Gunite slack adjuster can more precisely adjust for the excess shoe-to-drum clearance.
- The unique clutch technology used in the Gunite Automatic Slack Adjuster allows the slack to accurately "read" shoe to drum clearance. This enables the slack to stop adjusting when proper shoe to drum clearance is achieved. The result is properly adjusted brakes every mile, every day.
- Popular spline and arm length combinations make Gunite Automatic Slacks readily interchangeable with most other less reliable slack adjusters.
- Gunite's double seal placement at critical points provides maximum protection against dirt, water, salt and other corrosive elements. This design eliminates the sealing problems many other brands have experienced in the field.
- Gunite Slack Adjusters, offer a comprehensive 5-year, 500,000 mile over-the-road warranty.



For more information about Gunite, call 1.800.677.3786 / 815.964.3301  
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