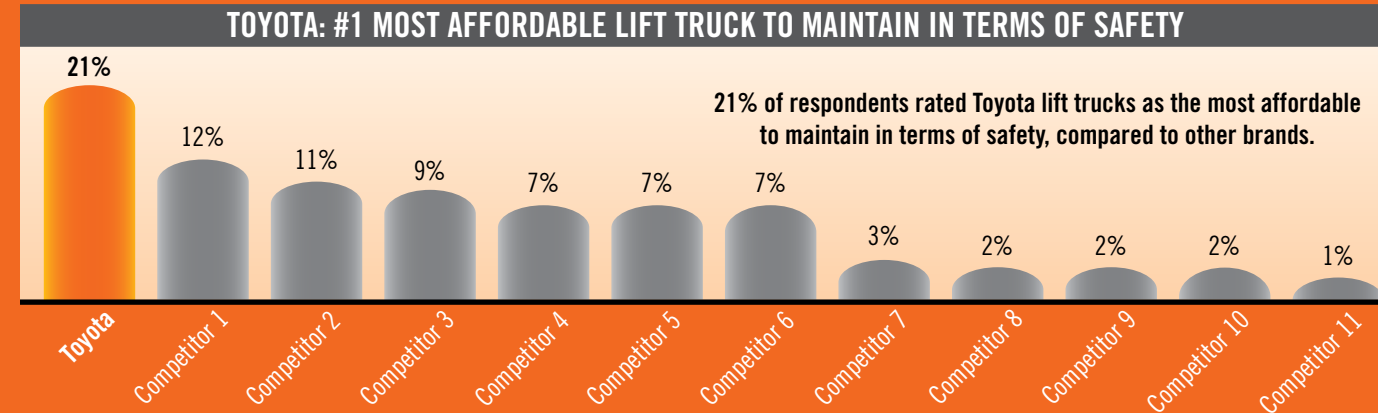
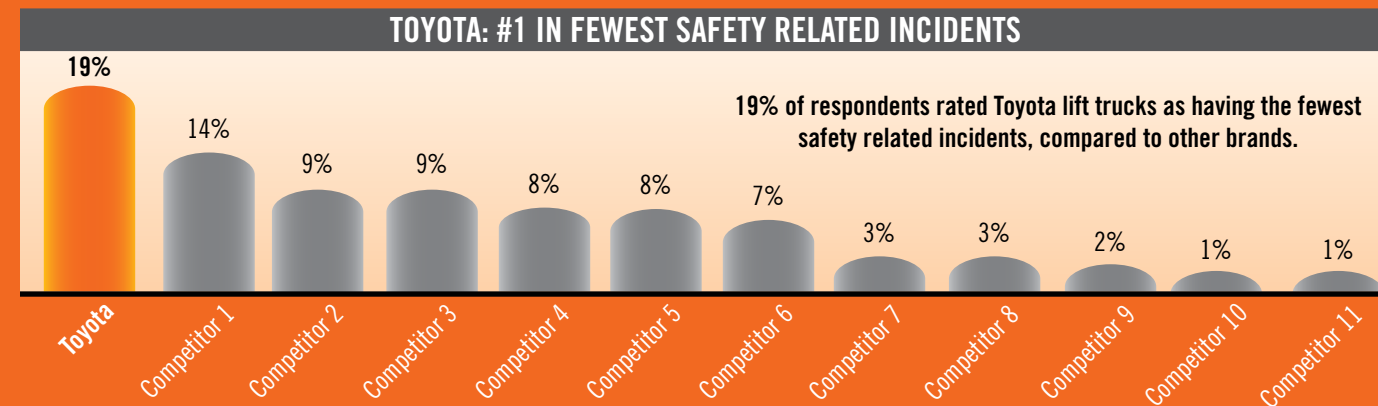
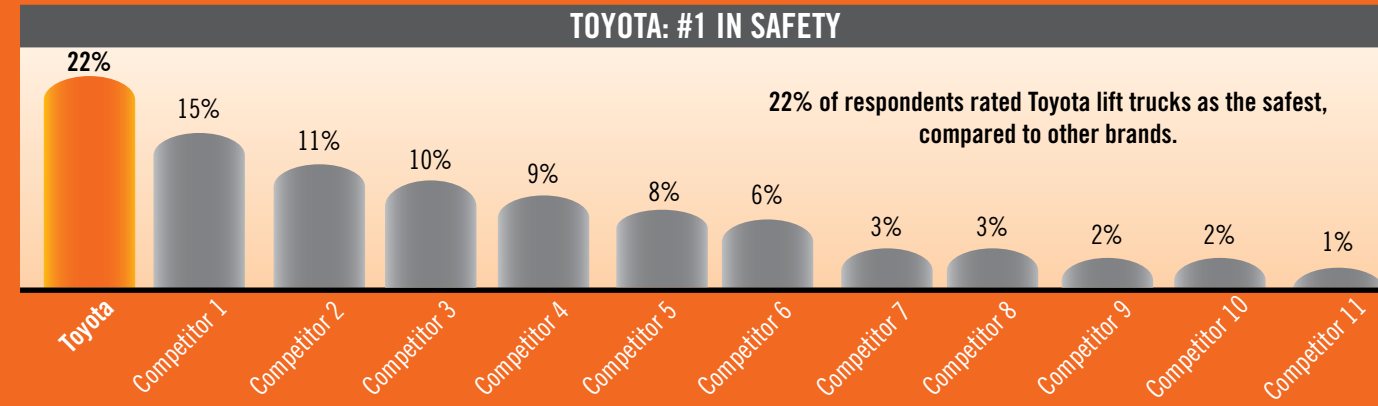


**“We run our trucks hard, and I believe the Toyota keeps our operators safe with the systems they have onboard their forklifts.”** -Survey Respondent



In an independent study conducted by Peerless Research Group, respondents ranked Toyota lift trucks as the safest demonstrating another reason to believe Toyota lift trucks provide stability in an unstable world. In fact Toyota led in all three safety categories in the survey: Safety, Fewest Safety Related Incidents and Most Affordable to Maintain in Terms of Safety.



With these results, it's obvious Toyota is the safe choice. Contact us today to get more information on the safest lift trucks in the industry and the System of Active Stability.™



toyotaforklift.com  
800-226-0009

▶ Thanks to advanced technology and a world-renowned production system, Toyota lift trucks are known for their quality, durability and reliability.

▶ Toyota lift trucks are backed by proven product support from an industry-leading network of dealers, who offer a broad range of resources including: factory-trained service technicians, Genuine Toyota Parts, Toyota Certified Used Lift Trucks, and flexible leasing and financing packages through Toyota Financial Services.\*

▶ Whether you plan to purchase a single lift truck, or add to your fleet, our dealers specialize in meeting your every need.

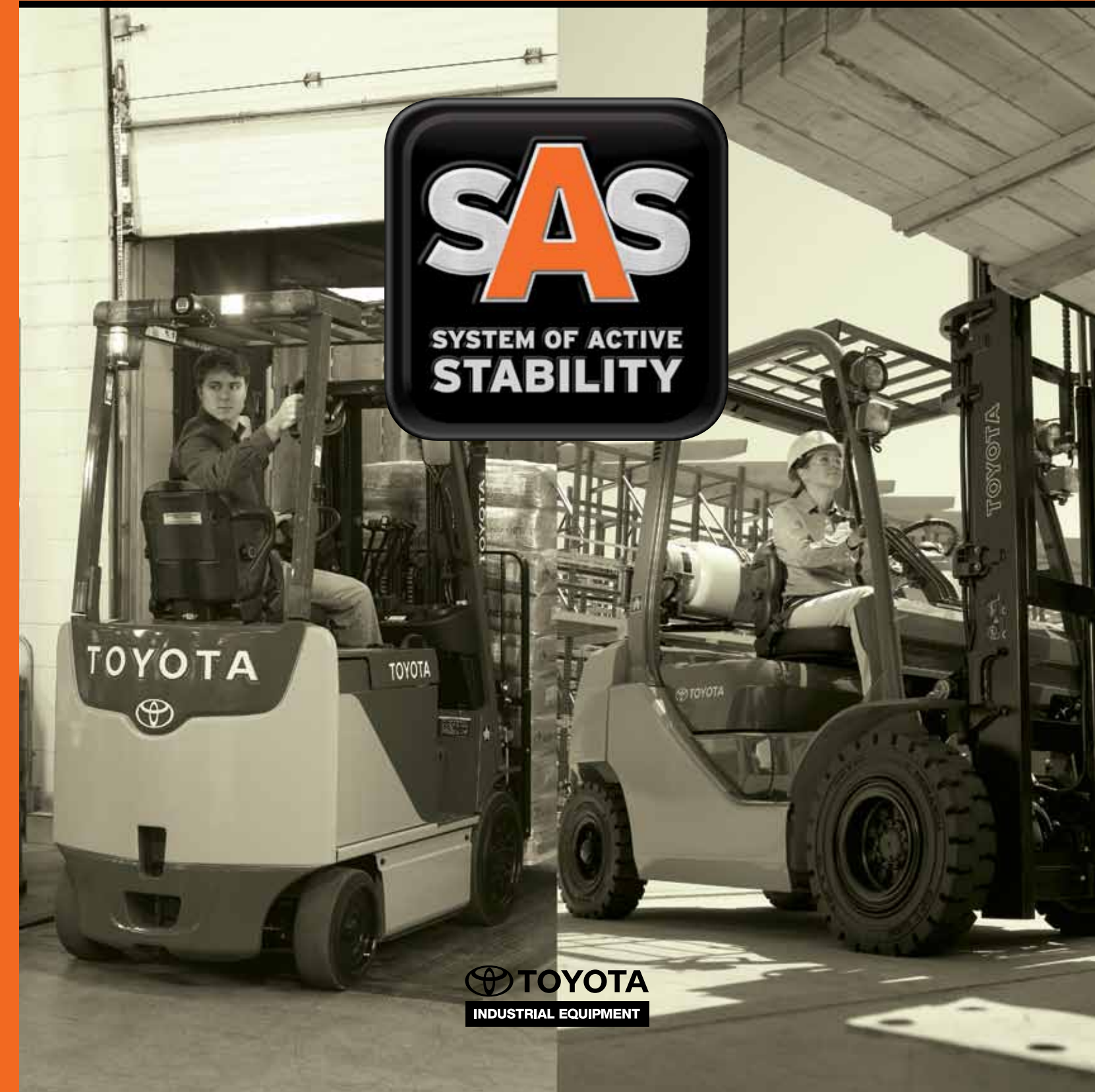
▶ When you combine this level of support with the productivity, low maintenance and efficiency of Toyota lift trucks, you receive one comprehensive, value-added package.



Most Toyota lift trucks are manufactured at Toyota Industrial Equipment Mfg., Inc., a zero-landfill facility in Columbus, Indiana.

▶ For more information, or to locate your authorized Toyota Industrial Equipment dealer, call 1-800-226-0009 or visit [www.toyotaforklift.ca](http://www.toyotaforklift.ca).

\*Available to qualified buyers. See participating dealers for details.



1. Source: [www.osha.gov](http://www.osha.gov); Quantity based on all brands and models of lift trucks.  
 2. Nonfatal Occupational Injuries, Table R27, 1999-2010. [www.bls.gov](http://www.bls.gov)  
 3. Source: Toyota Material Handling, U.S.A., Inc.  
 The survey was conducted by Peerless Media Research Group, in conjunction with Modern Materials Handling, to better understand the importance of safety considerations when companies are evaluating the purchase of lift trucks, as well as current perceptions of the safety-related attributes of major brands.  
 Details of specifications and equipment are based on information available at time of printing and may change without notice. Some product features described herein are optional. The System of Active Stability™ (SAS) is a trademark of Toyota Material Handling, U.S.A., Inc. SAS is not available on all Toyota forklifts. Please contact your dealer for complete specifications.

# SAFETY

Still leading the industry in safety technology, no other lift truck brand offers a system comparable to Toyota's System of Active Stability™ (SAS). With more than 250,000 SAS-equipped Toyota lift trucks in operation in North America and Toyota's proven record of lift truck safety, you can feel confident knowing your operators are utilizing equipment that sets the industry standard in safety.



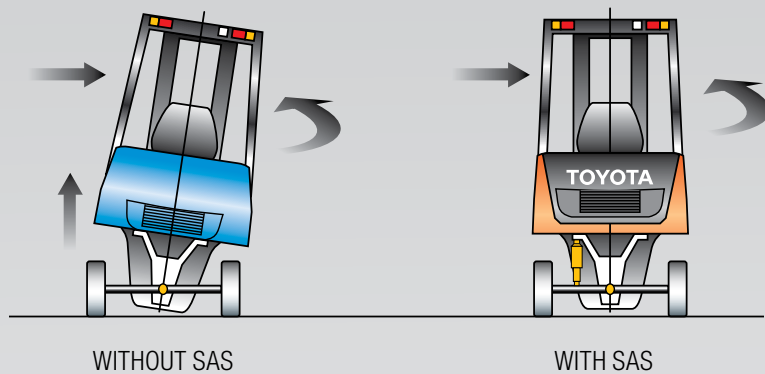
▶ **Toyota's System of Active Stability™ (SAS)** electronically monitors and controls the lift truck's operations to help reduce the risk of tipovers. SAS is composed of two systems: the **active control rear stabilizer** and the **active mast function controller**.

▲ In 1999 Toyota introduced the world's first and only System of Active Stability™. No other lift truck safety system comes close.

When it senses instability, SAS instantly engages the **Swing Lock Cylinder** to stabilize the rear axle, creating the lateral stability needed to help reduce the risk of lateral tipovers.

## Active Control Rear Stabilizer System

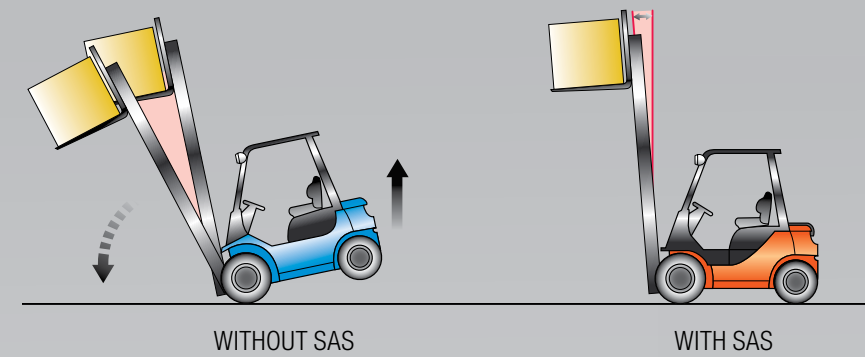
▼ Toyota's SAS uses patented technology to sense various factors that lead to potential lateral instability. When those conditions are detected, the SAS instantly locks a hydraulic cylinder on the rear steer axle, changing the lift truck's stability footprint from triangular in shape to rectangular. The resulting increase in stability reduces the likelihood of a lateral overturn.



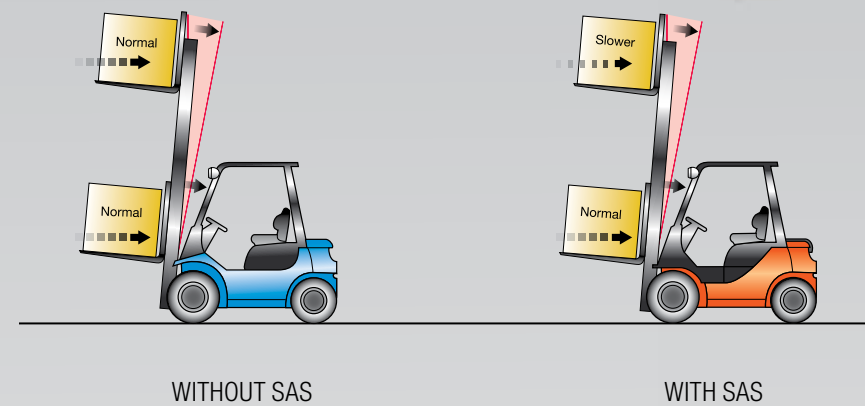
## Active Mast Function Controller System

▼ Similar in operation to the active control rear stabilizer, the active mast function controller system uses the same patented technology to sense various factors that lead to potential longitudinal instability. When the SAS controller senses potential longitudinal instability, two systems are activated to help reduce the chances of forward or rearward tipovers: **forward tilt angle control and rear tilt speed control**.

▼ **Forward Tilt Angle Control** will sense load weight and mast height, then automatically override the operator's manual control and limit forward tilt to decrease the chance of spilling a load or tipping the lift truck forward.

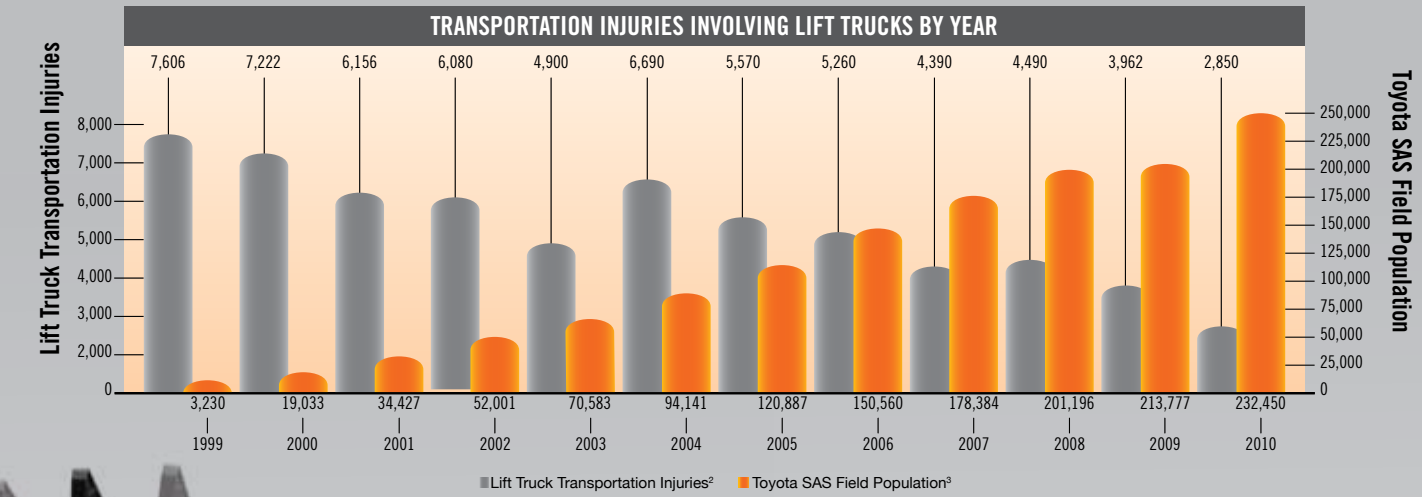


▼ **Rear Tilt Speed Control** utilizes the same load and mast height sensors to govern the mast's reverse tilt speed to half, thereby decreasing the chances of spilling unsecured loads or tipping the lift truck backward.



## Safety Numbers Continue To Increase

Each year, more than 95,000 employees are injured every year while operating lift trucks in the United States.<sup>1</sup> This has long been recognized as a serious problem, but Toyota, using technology derived from automotive technology, has created the world's first System of Active Stability™ (SAS). Following the introduction of SAS, transportation injuries involving forklifts in the United States have decreased while the SAS field population has increased between 1999 and 2010 (see below). While mandatory operator training enacted by OSHA certainly plays a large part in these reductions, the safety impact provided by SAS cannot be underestimated -Toyota's SAS system helps reduce the likelihood of overturn incidents.



# STABILITY IN AN UNSTABLE WORLD.

◀ Depending on the weight and height of a load, SAS controls the forward tilt angle and rear tilt speed, making tipovers less likely and reducing the chance of spilling loads.

