



Intelligent braking solutions for your **entire** fleet





# Millions of dollars are at risk **every day** because of runaway vehicles.

**Runaway vehicle conditions** are an everyday risk because of a multitude of factors. Idling or unattended vehicles post the biggest risks for runaway incidents. Operators and fleets encounter these conditions regularly every day.

**\$5-10  
Billion**

Spent annually based on IATA estimate on repairs caused by ground support equipment crashing into aircraft.





# Simple situations **can become risky** every day.

Simple every-day situations can turn into catastrophic accidents if the parking brake is not engaged consciously and consistently causing runaway vehicle incidents.

- Operator leaving the vehicle unattended and running while completing a delivery.
- Operator placing the vehicle in park or neutral without engaging the parking brake.
- Operator getting ejected from the vehicle following a collision.
- Operator exiting the vehicle on a collision course to avoid personal injury and damages.

Regular training and documentation of incidents are the only proactive processes you could implement at present to safeguard fleet from future runaway incidents.

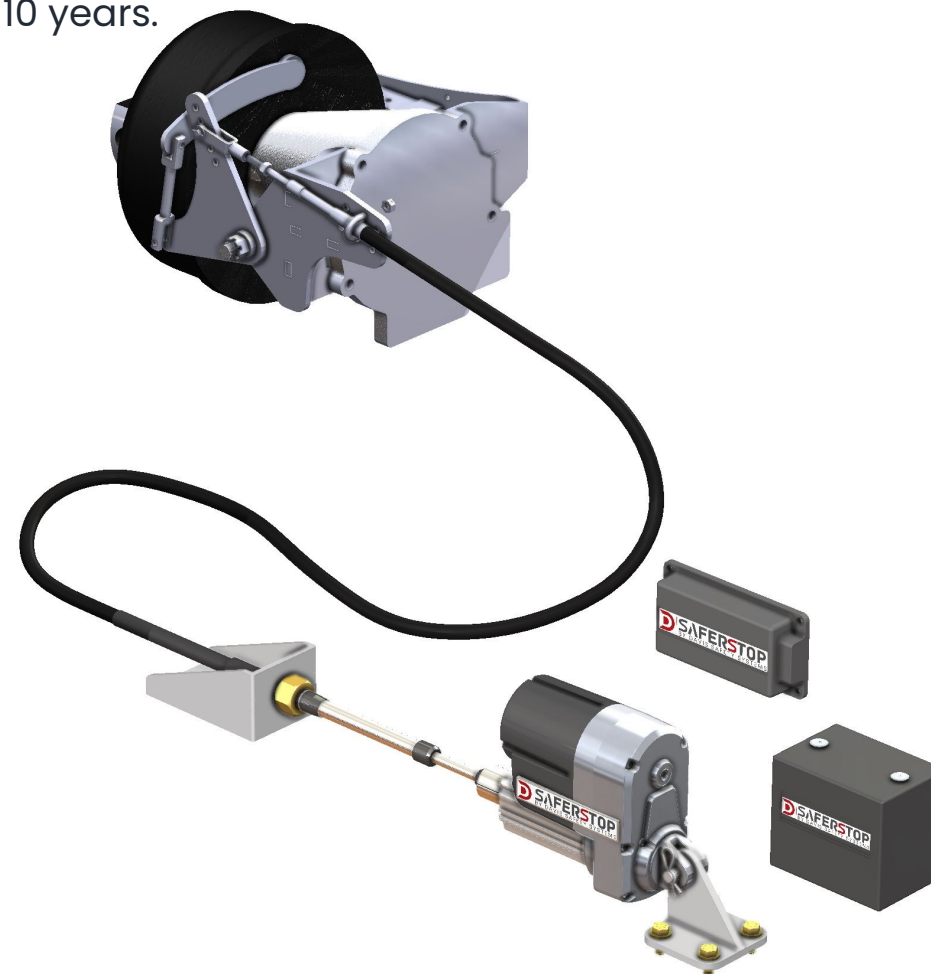
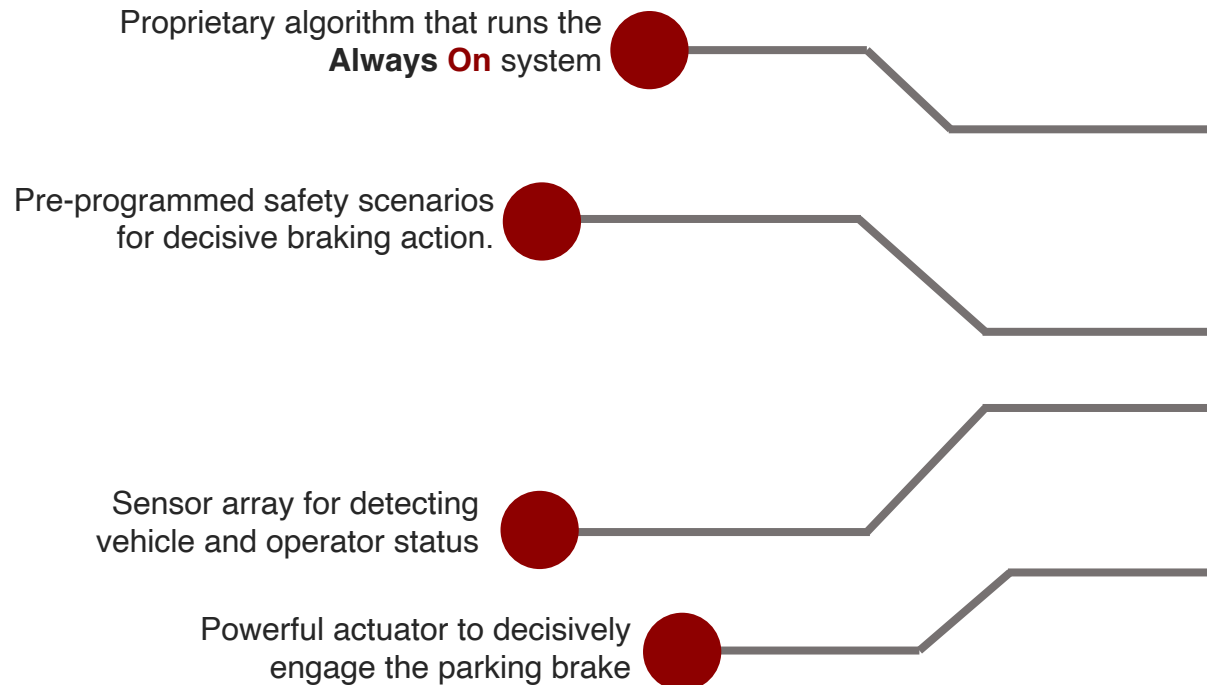


**Until now...**



# Davis Safety Systems Introduces the future of Intelligent Braking

The **SaferStop** intelligent braking system utilizes proprietary technology designed to be **Always On**. After being fatigue tested at least 500,000 cycles of application, The system is expected to help enhance your fleet's safety record for a life span of 10 years.



# About the *SaferStop* System

A combination of sensors analyzes the vehicle's and operator's status to determine the exact moment the *SaferStop* system automatically deploys to engage the parking brake. With pre-programmed safety scenarios, our proprietary algorithm engages the parking brake **2-3X faster** than an average driver.



- 01** Operator leaves the vehicle unattended while its running.
- 02** Operator is ejected from the vehicle when its running.
- 03** Operator places the vehicle in park or neutral.
- 04** Operator engages the emergency brake function.\*

\*This list is not exhaustive





# Always ON

**Runaway vehicle conditions** are eliminated with the brilliance of our patent-pending control system equipped with a smart controller.

The smart controller is programmed to actuate the brake automatically in a safe manner to reduce any negative impacts on the operator or the vehicle.

The control system is powered by a dedicated power supply to utilize our proprietary algorithm that evaluates the key safety and operating scenarios to ensure that the parking brake is activated safely based on the key safety scenarios.



# Always **AWARE**

Perceptive sensors collect a variety of inputs from the gear selector, operator presence in the vehicle, and vehicle motion to inform the control system on when and how to apply the parking brake. The **Always Aware** control system is informed constantly by the sensor array to take the workload off the operator and reduce the risk of runaway vehicles.





**State-of-the-art Actuator Systems** engage the brake with more the appropriate amount of braking power to bring the vehicle to a complete stop in the safest way. The actuator in the **SaferStop** system was carefully selected after tradeoffs between weight, power, and actuating speed to find the winning system that engages the brake in under one second.

● —————  
**Always**  
**FAST**  
● —————

# Configured for **YOUR FLEET**

The **SaferStop** system can be deployed for your entire fleet of vehicles ranging from food & beverage trucks, mail trucks, delivery vehicles, luggage tow and pull tractors, aircraft tow tractors, and larger trucks. Speak to our team about how to strategically enhance your entire fleet's safety program.



**Belt  
Loaders**

**Food & Beverage  
Trucks**



**Mail &  
Delivery Trucks**



**Cargo  
Tractors**



# Our Mission

At Davis Safety Systems, we're committed to developing cutting-edge technology that not only improves safety, reliability and efficiency of standard operations, but also helps protect valuable equipment and save lives.



**We are ready  
to do our best  
for your fleet.**

By leveraging our team's experience and expertise in engineering, industrial design, and industrial vehicle operating procedures, we deliver smarter, safer and more reliable braking solutions to your fleets operating in diverse working environments.

## Our Leader

# Sean Davis

## CEO

With decades of experience in mechanical engineering, application engineering, R&D, and innovation management, Sean Davis brings ingenuity and hands-on experience in ground support equipment handling and supervision to introduce the patent-pending **SaferStop** system.



After seeing the inconsistent habits of brake handling on a daily basis in tow tractors, I wanted to eliminate the risks by automating the brake decision function. It's like having a second operator in charge of the parking brake."







# Schedule a Demo

For any vehicle with working brake system in good condition, scheduling a demo to see the SaferStop system in action is your first step to ensuring maximum protection for your fleet.



01

## Contact Us

Scan the QR code to schedule a conversation with our team.

02

## Demo installation

Schedule a demo installation of the **SaferStop** system in one of your vehicles

03

## Test Run

Experience the future of intelligent braking before you implement the system for your entire fleet.

 *Thankyou*