

## Aerodynamics

### Company Profile

**Headquarters Location**  
Green Bay, Wisconsin

**Contact:**  
*Dennis Damman*  
Director of Engineering  
(920) 592-3462  
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**Number of Employees:**  
22,300

**Strategy Category:**  
Aerodynamics

**Number of Trailers:**  
48,000

**Number of Power Units:**  
11,400



## Schneider National, Inc.

As the largest truckload carrier in the United States, Schneider National employs 15,000 drivers who travel approximately 1.4 billion miles per year. The company carries any type of product—from automotive products to manufacturing products—throughout the continental 48 states, parts of Canada, and Mexico. Additionally, Schneider is the largest truckload carrier in Canada, with over 500 units near Toronto.

Schneider incorporates many energy efficient techniques into its business — from aerodynamics to idling reduction. Transmissions and engines are maintained in optimum condition. The entire fleet has aerodynamic tractors and trailers, saving nearly 28 million gallons of fuel worth approximately 80 million dollars. In addition, speed management strategies are used, such as limiting speed to a maximum of 65 mph. Using speed management strategies, Schneider has saved approximately 13 million gallons of fuel, resulting in savings of roughly \$39 million dollars. Also, engines have a two-minute idling limitation. Schneider offers its driver incentives for decreasing their speed and idling time. Direct fired heaters are used in 80% of the trucks and battery operated cooling systems are also used in a portion of the fleet. Six thousand trucks in the Schneider fleet idle an average of 5% of the time during the winter months. The fleet idling average is 17%. Schneider estimates that 1500 hours of idling and 3600 gallons of fuel are saved per tractor per year. Through idle reduction strategies, Schneider has saved approximately 11 million gallons of fuel, or nearly \$31 million dollars.

According to Dennis Damman, director of engineering, environmental responsibility is important to Schneider, which is why the company has invested extensive resources into these technologies. “Schneider is aggressive in adopting new technologies and increasing energy efficiency,” states Damman. “SmartWay makes you aware of your transportation footprint and your annual environmental improvement.”

