

# SmartWay Tractors and Trailers

When used together, SmartWay tractors and trailers can achieve fuel savings of 10 to 20 percent, lower greenhouse-gas emissions, and significantly reduce nitrous oxide, particulate matter, and other air pollutants.

This fact sheet describes specifications for U.S. EPA Certified SmartWay tractors and trailers. It also provides SmartWay Partners with guidance on where to purchase this equipment and how to get permission to use the SmartWay Tractor and SmartWay Trailer logos.

## Information for Manufacturers

### **What are U.S. EPA Certified SmartWay tractors and trailers?**

They are long-haul truck components with significantly lower emissions and fuel consumption. EPA and leaders in the freight-equipment-manufacturing industry worked together to develop these performance qualifications.



When manufacturers equip long-haul tractors and trailers with these specifications, they are designated and labeled as "U.S. EPA Certified SmartWay." The U.S. EPA Certified SmartWay label may be used at point-of-sale and applied to the interior of the tractors and trailers by the equipment manufacturers.

[View detailed manufacturer's logo-use guidelines.](#)

### **What are the basic specifications for a U.S. EPA Certified SmartWay tractor?**

- Model Year 2007 or later engine;
- Integrated cab-high roof fairing;
- Tractor-mounted side fairing gap reducers;
- Tractor fuel-tank side fairings;
- Aerodynamic bumper and mirrors;
- Options for eliminating periods of extended engine idling (auxiliary power units, auxiliary cooling units, battery pack with start/stop system, bunk heater units); and
- Options for low-rolling resistance tires (single wide or dual) mounted on aluminum wheels.

### **What are the basic specifications for a U.S. EPA Certified SmartWay trailer?**

New long-haul van trailers can be ordered, and existing trailers can be upgraded, to qualify as a U.S. EPA Certified SmartWay trailer provided that they are equipped with:

- Side skirts;
- Weight-saving technologies;
- Gap reducer on the front or trailer tails (either extenders or boat tails); and
- Options for low-rolling resistance tires (single wide or dual) mounted on aluminum wheels.

## **What tires are approved for EPA Certified SmartWay tractors and trailers?**

Based upon data provided by tire manufacturers, EPA has determined that the following tire models meet the SmartWay Tractor-Trailer equipment specification. EPA may update this list periodically.

### ***Bridgestone***

Steer R287, R280  
Drive M720, Greatec  
Trailer R195, Greatec

### ***Continental***

Steer HSL  
Drive HDL Eco Plus  
Trailer HTL

### ***Goodyear***

Steer G395 LHS Fuel Max  
Drive G305 LHD Fuel Max  
Trailer G316 LHT Fuel Max

### ***Michelin***

Steer XZA3, XZA2  
Drive XDA Energy, XDA3, X-One XDA  
Trailer XTA Energy, XT1, X-One XTA

Tire manufacturers may submit data to EPA to demonstrate that additional tire models meet the performance requirements of the SmartWay Tractor-Trailer equipment specification. Please contact Cheryl L. Bynum, 734-214-4844, bynum.cheryl@epa.gov.

## **Information for SmartWay Transport Partners**

### **Who manufactures the U.S. EPA Certified SmartWay tractor?**

Carriers know they are getting a qualified tractor by the special logo affixed in the cab. These automakers have developed unique specification sheets detailing equipment requirements and options for placing an order for a U.S. EPA Certified SmartWay tractor:

- Freightliner
- International
- Kenworth
- Mack
- Peterbilt
- Volvo

### **Who manufactures the U.S. EPA Certified SmartWay trailer?**

Some equipment manufacturers that offer trailers equipped to meet SmartWay's voluntary specifications include:

- Great Dane
- Hyundai Translead
- Manac
- Stoughton Trailers
- Strick Corp.
- Trailmobile Canada
- Utility Trailer Manufacturing
- Wabash National Corp.

### **Who may use the SmartWay logo on U.S. EPA Certified tractors and trailers?**

Only SmartWay Transport Partners in good standing and who agree to certain conditions may apply the logo to the exterior of their eligible equipment.



A Partner company that purchases a U.S. EPA Certified SmartWay tractor must commit to use low-rolling resistance tires and eliminate extended idle periods. The company must also sign the SmartWay logo guidelines. A Partner that purchases a U.S. EPA Certified SmartWay trailer and signs the SmartWay logo guidelines may affix the "2007 SmartWay Trailer" logo on the outside.

These logos signify the tractor and/or trailer meet EPA's environmental and fuel-efficiency standards for excellence. This is an exclusive designation that sets the SmartWay Partner apart from its peers in the industry. For carriers and truckers, the SmartWay logo is a signal to consumers and the community that they are taking actions to limit the environmental impacts of their business operations.

Any company may purchase U.S. EPA Certified SmartWay tractors and trailers. However, only SmartWay Transport Partners may apply the logo to the exterior.

[Learn more about becoming a SmartWay Partner.](#) Contact SmartWay at 734-214-4767 or your SmartWay partner account manager for more information about logo use.