

Small Business Truck Loans for SmartWaySM Transport Fuel-Saving Technologies



The U.S. Environmental Protection Agency's (EPA) SmartWay Transport Partnership is using Small Business Administration (SBA) lending programs to help small trucking companies save fuel and reduce pollution.

SmartWay Transport is partnering with participating lenders to provide small trucking companies with financial support to help purchase SmartWay Upgrade Kits. These kits are fuel-saving and emission-reducing technologies that are both good for the environment and for business.

SmartWay Upgrade Kits

EPA has tested a set of technologies that are designed to cost-effectively reduce fuel consumption and save you money (see Table). The SmartWay Upgrade Kit consists of an idle reduction device, low rolling resistance tires, and tractor and trailer aerodynamics. Combined, this kit can save you almost \$8000 per year in fuel costs, or over \$300 per month above the monthly cost of the loan.¹

Financial Assistance

Participating lenders can offer affordable monthly payments for the purchase of the SmartWay Upgrade Kit, or its individual components. Companies with \$23.5 million in gross receipts or less are eligible for these SBA Express Loans. Lenders offer a rapid approval process, low monthly payments and no collateral requirements. Typical loans range from \$5,000 to \$25,000.

¹ Assumes a 5 year loan of \$17,400, 12.5% interest rate, and Class 8 truck driving 100,000 miles per year.

SmartWay Fuel-Saving Upgrade Kit –

Transform your trucks into high-efficiency, low-emission vehicles with:

- Idle reduction technology
- Low rolling resistance tires
- Tractor and/or trailer aerodynamics
- Exhaust aftertreatment devices

To compare costs and estimate fuel savings from these technologies, visit the SmartWay Upgrade Kit Calculator at www.epa.gov/smartway/calculator/loancalc.htm.

Features:

- **Flexibility** -- Custom design a package including technologies that best match your fleet operations and achieve the greatest fuel savings.
- **Attractive Return on Investment** -- Depending on technologies selected and the operation of your trucks, fuel savings may range from 10-15%.
- **Exceptional Loan Terms** -- These SBA Express loans feature rapid approval, minimal paperwork, and no collateral. Contact a participating lender for details on the interest rates, length of loan, and maximum loan amount (typically \$25,000).
- **Eligibility** -- Companies with \$23.5 million in gross receipts or less are eligible for these loans.

U.S. EPA SmartWay Transport Partnership

Contact: Annie Kee at 202-343-9218 or
SmartWay Info Line at 734-214-4767

For participating lenders, please visit

www.epa.gov/smartway

October 2006 • EPA420-F-06-903

Table: Overview of Fuel-Saving and Emission-Reduction Technologies

Disclaimer: The benefits described in this document are estimations only, which are based on a number of assumptions. Actual fuel savings and emission reductions may be higher or lower; they will depend on a variety of factors, including equipment type, driver performance, distances traveled, and vehicle speed.

Technology	Description	Approximate Cost	Benefits ²
Idle Reduction Device – Bunk Heater	 <p>Small, lightweight, diesel fuel-fired device mounted in the cab that provides heat for cab comfort. Does not include any air conditioning capabilities.</p>	\$1,500	<p>Approximately 5% fuel savings assuming 1,200 hours of idling per year</p> <p>Additional reduction in engine wear-and-tear</p>
Idle Reduction Device – Auxiliary Power Unit	 <p>Small diesel-powered generator mounted outside the cab that provides heat, air-conditioning, and electrical power to run appliances.</p>	\$6,000 - \$8,500	<p>Approximately 8% fuel savings assuming 2,400 hours of idling per year</p> <p>Additional reduction in engine wear-and-tear.</p>
Aluminum Wheels for Single Wide Tires	 <p>Traditional dual tires are replaced with one single wide tire and aluminum wheel. Can be applied to all tractor and trailer tire positions except for the steer tires.</p>	\$5,600	Approximately 4% fuel savings
Trailer Aerodynamics	 <p>Fairings added to the front and underside of the trailer to reduce drag.</p>	\$2,400	Approximately 5% fuel savings
Emission Control Device – Oxidation Catalyst	 <p>A device added to the tractor's exhaust system to reduce the emission of particulate matter and other pollutants.</p>	\$1,200	Approximately 20 – 50% reduction in particulate matter

² All savings assume a Class 8B tractor-trailer traveling approximately 100,000 miles per year.