

Driving Toward A Cleaner World.

RUAN





Global warming, emissions, and other hazards have made Americans acutely aware of environmental damage. That's why forward thinking companies like Ruan have invested time, money, and effort in sustainability initiatives. Transportation companies must develop sustainable supply chain solutions if they are to attract new customers and team members, improve operations, and increase efficiency.

Ruan has always believed that we are more than a transportation company. We are part of the communities we serve. **That's why we view sustainability as more than good business; it's a moral imperative.**

Good for the environment. Good for our customers.

Going green is good for the environment, but it's good for business as well. That's because it's almost a certainty that environmental regulations will tighten in the years to come.

Ruan designs Integrated Supply Chain Solutions that emphasize and take advantage of environmental efficiencies. Fuel efficiency saves on transportation costs. Energy conservation reduces utility costs. Lightweight materials and equipment increase efficiency. And all of these initiatives improve the bottom line.

These are savings we can—and do—pass on to our customers. The next page highlights a few ways we add value to our clients' supply chains.



Smartway Excellence Awards

Ruan is an official partner in the U.S. Environmental Protection Agency's (EPA) SmartWay Transport Partnership. SmartWay is a collaboration between the EPA and the freight industry designed to increase energy efficiency while significantly reducing greenhouse gases and air pollution. Ruan has been honored with SmartWay Excellence Awards for being an industry leader in freight supply chain environmental performance and energy efficiency.



Engine Technology and Design

Ruan continually works with engine manufacturers to develop longer-lasting, lower-emitting engines with improved performance and lower fuel consumption.



Lightweight Equipment and Aerodynamics

The base tractor specification used by Ruan matches the EPA's recommended tractor for best fuel consumption.



Driver Training and Electronic Logging Devices

Because our professional drivers have the largest impact on vehicle maintenance and fuel consumption, Ruan places tremendous emphasis on driver training. And our trucks are equipped with electronic logging devices that monitor mpg, over-RPM, hard braking, and over speed driving, as well as hours-of-service compliance.



Reducing Highway Speeds

At increased highway speeds, roughly 60 percent of consumed fuel is used to overcome air resistance on the vehicle. Ruan has implemented a company-wide policy of governing all tractors at 60 or 65 mph on highways.



Low Viscosity Lubricants

Ruan has a long history of utilizing advanced and emerging additive blends and has used low viscosity synthetic lubricants for more than 25 years.



Auxiliary Power Unit Usage and Idle Reduction

Ruan equips sleeper vehicles with auxiliary power units that allow drivers to heat or cool their units during rest stops or down times without needing to idle the engine. All tractors have an automatic engine shutdown after a two-minute idling period.



Solvents and Materials

Whenever possible in our maintenance operations, Ruan utilizes low environmental impact solvents and cleaners, and we properly dispose of, or recycle, all used materials.



Paperless Technology

Ruan has made a concerted effort to develop and implement paperless technologies. Technologies such as our proprietary RedTrak system, electronic logging devices, our intranet, and Track & Trace have helped reduce our reliance on paper and increase our company-wide efficiency and productivity.



Reduce, Reuse and Recycling Initiatives

Ruan facilities and the Des Moines Campus place a high priority on the reduction, reuse, and recycling of all materials. Through policy changes and the use of various technologies, Ruan has experienced a 99 percent reduction in the use of paper to communicate among field and corporate offices since 2007.



Advanced Tire and Shifting Specifications

Efficient/progressive and auto-inflation trailer tires save on road repair costs and fuel economy.



Alternative Fuels

Ruan utilizes alternative fuel types including biodiesel, compressed natural gas (CNG), renewable natural gas (RNG), and renewable hydrocarbon diesel. Our CNG fleet of more than 120 trucks services customers in numerous industries and reduces millions of pounds of CO2 emissions. We have made great strides in improving our MPG percentage with a 11 percent increase since 2018.



Electric Vehicles

Ruan has our first zero-emission, 100 percent battery-powered electric yard tractors deployed in operations in Minnesota and Indiana, and we reserved several class 8 Tesla electric trucks to add to our fleet in the coming months.

Benefits of Electric Vehicles

Electric heavy-duty trucks have the potential to reduce environmental concerns due to zero emissions, provide an improved experience for professional drivers, cut maintenance requirements, and eventually offer cost savings to carriers. Electric yard trucks have been deployed for years, and they are often the truck of choice for yard hostlers for being cooler, smoother, quieter, and cleaner. In addition, since they have no diesel engine, transmission, or emission control, there's less to maintain and repair.





A Global Commitment to Sustainability.

At Ruan, we are committed to the environment as well as the communities we serve. Our dedication to these principles is demonstrated through our responses to natural disasters such as hurricanes, wildfires, tornadoes, and flooding, where we provide food, aid, clothing, and refrigerated storage and cooling stations. Each July during our annual Founder's Days, team members across the country in more than 300 operations volunteer for local non-profits in celebration of our founder's philanthropic legacy.

With the World Food Prize, we extend our community commitment to the world. The World Food Prize, which Ruan endows, is the foremost international award recognizing excellence and progress in overcoming global food production and distribution challenges. Its \$250,000 annual prize honors the lifetime achievements of individuals who have advanced human development by improving the quality, quantity and availability of food in the world. The World Food Prize Hall of Laureates — spearheaded by our chairman John Ruan III and the City of Des Moines — opened in 2013 and serves as the permanent home of the World Food Prize.



John Ruan III presents the World Food Prize to Simon N. Groot at the 2019 World Food Prize Laureate Award Ceremony.



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