



Parker Hannifin RunWise(R) Hydraulic Hybrid Technology Dramatically Improves Fuel Efficiency While Reducing Carbon Emissions on Class 8 Trucks

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South Florida communities purchase refuse collection vehicles featuring the new technology
CLEVELAND, Dec 11, 2009 /PRNewswire-FirstCall via COMTEX/ -- Parker Hannifin Corporation (NYSE: PH), the global leader in motion and control technologies, today announced commercial commitment for its new hydraulic hybrid technology system, which dramatically increases fuel efficiency for Class 8 refuse trucks even as it improves drivability and performance.

(Logo: <http://www.newscom.com/cgi-bin/prnh/19990816/PHLOGO>)

The RunWise(R) Hydrostatic technology performed so well in South Florida field trials last summer that the communities of Hialeah, Miami-Dade County, and the City of Miami chose to upgrade their refuse collection fleets and purchase a total of 11 Autocar E3 trucks with the new RunWise(R) technology. Delivery is expected in mid-year 2010.

"These orders build on our ongoing development and commercialization of our unique hydraulic hybrid technology platform and demonstrates the adaptability of our technologies to different vehicle classes," said Jeff Cullman, Group President, Hydraulics for Parker Hannifin. "A variation of this technology platform has already received commercial scale orders for use on walk-in delivery vehicles. We are particularly pleased to see our public agency partners lead the way in recognizing the benefits that this technology can bring in terms of lower operating costs and reduced environmental impact."

Vance Zanardelli, Manager of Parker's Energy Recovery Business Unit, added, "This is a technology that holds great promise as a contributor to reduced environmental impact and increased fuel efficiency. We are on the cutting edge of advancements in hydraulic hybrid technology, which has application not only in refuse trucks and delivery vehicles but also for yard hostlers and city buses."

RunWise features proprietary software that allows for seamless shifting and smoother braking, improving drivability. During a full month of testing in South Florida, the RunWise system registered a 72 percent improvement in fuel efficiency. On an annual basis, the green technology reduces each truck's carbon footprint by an estimated 28 tons along routes with frequent stops. In addition, the technology extends the brake maintenance period for each truck from every 6 months to once every 24 months to even 30 months depending on duty cycle. The system is in pre-production. Full production is expected in 2011.

Public officials foresee ongoing benefits for their communities.

Hialeah purchased four trucks. Mayor Julio Robaina said, "The City of Hialeah will continue to reduce our carbon footprint across the board. The purchase of these hybrid recycle trucks is part of our commitment to reduce emissions, save fuel costs and improve the quality of life for our citizens."

"These hybrid truck waste collection vehicles will allow us to use less fuel and reduce our repair and maintenance costs," said Miami-Dade County Mayor Carlos Alvarez, whose solid waste department purchased six trucks. "Miami-Dade County was the first municipal agency in the United States to test the hybrid vehicles in its waste collection operations. It's the latest example of the County's commitment to be more environmentally friendly and reduce our carbon footprint."

In Miami, which purchased one truck, Jose E. Davila Sr., Superintendent of the Fleet Management Division for the Department of General Services Administration, said, "After thorough testing, the City of Miami is proud to purchase for the first time in its history a true hydraulic hybrid automated garbage truck that features the latest in sustainable technology. The Autocar E3 featuring Parker Hannifin's innovative RunWise(R) system allows the city to reduce its carbon emissions dramatically, while saving on fuel and maintenance expenses."

With annual sales exceeding \$10 billion in fiscal year 2009, Parker Hannifin is the world's leading diversified manufacturer of motion and control technologies and systems, providing precision-engineered solutions for a wide variety of mobile, industrial and aerospace markets. The company employs approximately 52,000 people in 48 countries around the world. Parker has increased its annual dividends paid to shareholders for 53 consecutive years, among the top five longest-running dividend-increase records in the S&P 500 index. For more information, visit the company's web site at <http://www.parker.com>, or its investor information site

at <http://www.phstock.com>.

Forward-Looking Statements

Forward-looking statements contained in this and other written and oral reports are made based on known events and circumstances at the time of release, and as such, are subject in the future to unforeseen uncertainties and risks. All statements regarding future performance, earnings projections, events or developments are forward-looking statements. It is possible that the future performance and earnings projections of the company and individual segments may differ materially from current expectations, depending on economic conditions within its mobile, industrial and aerospace markets, and the company's ability to maintain and achieve anticipated benefits associated with announced realignment activities, strategic initiatives to improve operating margins, actions taken to combat the effects of the current recession, and growth, innovation and global diversification initiatives. A change in economic conditions in individual markets may have a particularly volatile effect on segment results. Among the other factors which may affect future performance are: changes in business relationships with and purchases by or from major customers, suppliers or distributors, including delays or cancellations in shipments, disputes regarding contract terms or significant changes in financial condition; uncertainties surrounding timing, successful completion or integration of acquisitions; threats associated with and efforts to combat terrorism; uncertainties surrounding the ultimate resolution of outstanding legal proceedings, including the outcome of any appeals; competitive market conditions and resulting effects on sales and pricing; increases in raw material costs that cannot be recovered in product pricing; the company's ability to manage costs related to employee retirement and health care benefits and insurance; and global economic factors, including manufacturing activity, air travel trends, currency exchange rates, difficulties entering new markets and general economic conditions such as inflation, deflation, interest rates and credit availability. The company makes these statements as of the date of this disclosure, and undertakes no obligation to update them.

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