

QUANTUM TECHNOLOGIES

PRESS RELEASE

Quantum's Affiliate Fisker Automotive's Karma S rated Best Electric Car at the 2009 North American International Auto Show by DetroitNews.com

IRVINE, Calif., January 20, 2008 – Fisker Automotive, an affiliate of Quantum Fuel Systems Technologies Worldwide, Inc. (NASDAQ: QTWW), unveiled the Fisker Karma S - powered by Quantum Technologies' Q-DRIVE® - at the 2009 North American International Auto Show (NAIAS) and was rated "Best Electric Car" by DetroitNews.com. "The Karma S blends luxury and performance -- and a drop top. Built on the same body as the Karma, the S shows a high mileage vehicle can perform and remain frugal on fuel" said Scott Burgess of DetroitNews.com who rated the Fisker Karma S as Best Electric Car at the Auto Show.

The open-air Fisker Karma S concept shares its aluminum spaceframe architecture and clean Q-DRIVE® powertrain with the Fisker Karma sedan. Designed and engineered by Quantum Technologies exclusively for Fisker Automotive, Q-DRIVE® provides 50 emission-free miles on a single charge to its lithium-ion battery pack, and delivers the equivalent of 408 hp and a peak torque of 959 foot-pounds. The Q-DRIVE®, which was originally developed by Quantum for Military applications, incorporates a number of innovations in energy storage, electric drive architecture and control strategies.



The power retractable hard top, a first for Fisker, glides neatly into the trunk and a unique design language sets the Karma S concept apart. The four-seat, plug-in hybrid hardtop convertible furthers the company's belief that driving style and performance need not be compromised for environmental friendliness.

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About Quantum

Quantum Fuel Systems Technologies Worldwide, Inc., a fully integrated alternative energy company, is a leader in the development and production of advanced propulsion systems, energy storage technologies, and alternative fuel vehicles. Quantum's portfolio of technologies includes advanced lithium-ion battery systems, electronic controls, hybrid electric drive systems, hydrogen storage and metering systems, and alternative fuel technologies that enable fuel efficient, low emission hybrid, plug-in hybrid electric, fuel cell, and alternative fuel vehicles. Quantum's powertrain engineering, system integration, vehicle manufacturing, and assembly capabilities provide fast-to-market solutions to support the production of hybrid and plug-in hybrid, hydrogen-powered hybrid, fuel cell, alternative fuel, and specialty vehicles, as well as modular, transportable hydrogen refueling stations. Quantum's customer base includes automotive OEMs, dealer networks, fleets, aerospace industry, military and other government entities, and other strategic alliance partners.

More information can be found about Quantum's products and services at <http://www.qtww.com>

Quantum is a member of the Russell 2000® and Russell 3000® indexes.

S About Fisker

Fisker Automotive is a privately owned luxury premium hybrid car company co-founded by Quantum Technologies and Fisker Coachbuild LLC, with Henrik Fisker as the CEO. The company has backing from Kleiner Perkins Caufield & Byers, Palo Alto Investors and Qatar Investment Authority.

More information can be found online at www.fiskerautomotive.com

Forward-Looking Statements

Statements in this document regarding future financial and operating results, future growth in customers and development programs, the development and commercialization of hybrid vehicles, hybrid vehicle specifications, new or expanded customer contracts, the commitment of suppliers and other entities to the Karma vehicle program, future opportunities for Quantum, and any other statements about the future expectations, beliefs, goals, plans, or prospects expressed by management constitute forward-looking statements within the meaning of the Private Securities Litigation Reform Act of 1995. Any statements that are not statements of historical fact (including but not limited to statements containing the words "will," "believes," "plans," "anticipates," "expects," "estimates," and similar expressions) should also be considered to be forward-looking statements. There are a number of important factors that could cause actual results or events to differ materially from those indicated by such forward-looking statements, including: variations in pricing, engineering and material costs, development costs, other general costs and expenses; other new model platforms; the ability to retain key personnel; the Company's ability to successfully execute its business strategies; growth of the hybrid vehicle market; the levels of commitment by OEMs, governments and other entities to the commercialization of hybrid and alternative fuel technologies; our dependence on a concentrated number of customers for a substantial majority of our revenues; the timing of product cycles for our OEM customers; delays in the development of a commercial market for our products; our reliance on a limited number of suppliers for raw materials used in our products; shortages of raw materials; competitive conditions in the industry; business cycles affecting the markets in which the Company conducts business; and economic conditions generally. Additional factors may be found in Quantum's Form 10-K for the year ended April 30, 2008 and in the other documents filed by Quantum with the Securities and Exchange Commission.

Forward-looking statements are based on the beliefs, opinions, and expectations of the Company's management as of the date of this press release, and the Company does not assume any obligation to update its forward-looking statements if those beliefs, opinions, expectations, or other circumstances should change.

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