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AUTOMOTIVE



2013
Press Kit



About Us

Nexteer Automotive is a global leader in advanced steering and driveline systems. Nexteer's in-house development and integration of hardware, software and electronics gives the company an unmatched competitive advantage as a full service steering supplier.

Nexteer draws upon a 100-year heritage of vehicle integration expertise and product workmanship. The company has a strong foundation and a reputation for providing dependable steering solutions and enduring customer relationships.



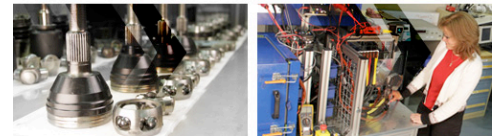
Nexteer Automotive provides real-world, vehicle-level thinking that's always ahead of the curve.

- **Customer Focused:** Respected and trusted for delivering on promises
- **Innovative:** Market leader in steering and driveline innovation
- **Agile:** Able to respond quickly with high-quality, cost-effective solutions
- **Proactive:** We know and understand customer requirements
- **Experienced:** Known for providing demonstrated high performance in our custom engineered systems for every application
- **Global:** Committed to exceeding customer and vehicle needs every time, everywhere

History & Technology Milestones

100-YEAR HISTORY

- **1906** – Founded as Jackson, Church & Wilcox Co.
- **1909** – the Jackson, Church and Wilcox business was purchased by Buick, which was owned by GM
- **1917** – Company became the first automotive parts manufacturing division of GM engaged in steering systems research, design and manufacturing. The company operated as a business division under GM and was primarily involved in steering operations
- **1998** – GM created Delphi Corporation, primarily as an automotive components business under GM and the steering operations became a major business division under Delphi Corporation
- **1999** – Delphi Corporation was spun-off by GM to become an independent, publicly held corporation
- **2005** – Delphi Corporation filed for Chapter 11 bankruptcy protection to reorganize its U.S. operations
- **2009** – Delphi Corporation's global steering operations are sold to GM and renamed Nexteer Automotive
- **2010** – GM sold Nexteer Automotive to China-based Pacific Century Motors



SIGNIFICANT TECHNOLOGY MILESTONES

- **1950s** – Saginaw Safety Power Steering was made available to the market
- **1959** – Introduced rotary valve power steering to the market which was a significant technological advancement in the steering industry and has become the industry standard
- **1967** – Introduced Tilt-Wheel steering column to the market which offers greater driver comfort and better vehicle control
- **1968** – Introduced anti-theft steering column to the market
- **1970** – Produced 20 millionth energy absorbing column which was officially recognized by the U.S. Department of Transportation

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History & Technology Milestones

- **1976** – Introduced rack and pinion steering system to the market on the AMC Pacer. This system provides a more direct steering connection with greater road feedback to the driver
- **1995** – Delphi EPS system was made available to the market
- **1999** – Received Pace Award for E-STEER™ EPS from Automotive News. The Automotive News Pace Award honors superior innovation, technological advancement and business performance among automotive suppliers
- **2006** – 100-year anniversary
- **2006** – Introduced Driver Protection Module and One Touch Adjustable Column to the market
- **2010** – High Output 12-Volt Rack EPS debuts on Ford Mustang and Ford F-150

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Fact Sheet

COMPANY PROFILE

- A diverse global customer base and a market position as a leader in advanced steering and driveline technology
- Focus on electric power steering (EPS), a green technology that offers automakers increased fuel economy and reduced emissions
- Since 1999, Nexteer Automotive has put more than 20 million EPS units on the road, saving more than 2.0 billion gallons of fuel

GLOBAL FOOTPRINT

- **World Headquarters:** Saginaw, Mich.
- **Manufacturing Plants:** 20
- **Application Engineering Centers:** 5
- **Customer Service Centers:** 10
- **Vehicle Performance Centers:** 3
- **Systems Engineering Center:** 1

GLOBAL EMPLOYMENT: 8,000

GLOBAL CUSTOMERS: 50+, including GM, Ford, Chrysler, Fiat, Toyota, PSA Peugeot Citroen and manufacturers in India, China and South America

PRODUCTS:

- Electric Power Steering
- Hydraulic Power Steering
- Steering Columns
- Driveline and Halfshafts

REVENUE: \$2.2 billion in 2012

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Products

ELECTRIC POWER STEERING

Steering is the connection point between car and driver. It provides control and the feel of the road and plays a key role in the vehicle personality and performance.

We understand the critical nature of steering in the driving experience.

Nexteer Automotive's EPS systems are designed for customer value. In addition to reduced gas emissions, customers benefit from a simplified manufacturing process that reduces proliferation, and a single mechanism design that reduces OEM assembly time.

Our unparalleled customer commitment has made Nexteer Automotive a strong, competitive global steering supplier, producing more than three million electronic power steering units every year for a full range of vehicles.

As a leader in product performance and value, we offer:

- A complete EPS portfolio
- Brushless motor technology for high efficiency and improved steering
- Active steering features for precise, predictable steering feel
- Non-contacting position sensor that provides CAN output and (optional) absolute position for body/chassis integration
- Flexible tuning software, which allows for rapid design iterations
- Full design control of all electronics for high reliability and rapid, flexible design changes
-

Nexteer Automotive provides a complete system integration capability for superior performance and reliability; including column, intermediate shaft, and steering gear, as well as EPS motor, sensor, controller, and assist mechanism.



HYDRAULIC POWER STEERING

Nexteer Automotive has a century-long track record of bringing new, high-value steering solutions to the market, including the first hydraulic power steering (HPS) system, launched in 1951. Since then, we've sold more than 100 million HPS systems worldwide.

Nexteer Automotive's HPS systems are regarded among the industry's best for improved handling, safety and efficiency.



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Products

Our wheel-to-wheel expertise has made Nexteer Automotive a recognized global leader in advanced technologies, premium steering feel, vehicle-tuned integration and flexibility.

Nexteer Automotive's complete HPS system supply and vehicle integration offers customers:

- Proven global leadership in the design and vehicle integration of HPS systems
- Global engineering and manufacturing capability in North and South America, Europe and Asia
- World-class noise and product validation testing facilities

High-performance systems include; low friction, custom response and improved linearity.

STEERING COLUMNS

From driver-focused convenience to customer-tailored solutions, Nexteer Automotive's stable of steering column products combines versatility, multiple functionalities and advanced engineering to help automakers meet evolving consumer, regulatory and environmental requirements.



The steering column connects the driver to the vehicle in a way no other component does.

Now, with the market shifting to modules and systems, as well as an increased use of electronics, Nexteer Automotive is ready with a suite of customer-focused steering column options that include:

- A customizable selection of energy-absorbing load, distance and dynamics
- A column airbag system for enhanced driver crash protection
- Integration capabilities for switches, sensors and control functions
- Anti-theft systems
- Electronic column lock
- Actuators
- Controllers
- Sensors

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Products

DRIVELINE AND HALFSHAFTS

Nexteer Automotive driveline products fill the important role of transmitting torque at constant velocity within various driveline geometries.

With more than 40 years of experience in this critical product area, Nexteer Automotive has established a proven track record of performance, durability and value across our wide product portfolio.



Customer service and value are the priorities of our driveline team. Whether it's our unmatched vehicle integration capabilities, custom engineered driveline products or minimizing vehicle disturbances, our goal is to exceed our customers' demands.

From halfshafts to constant velocity joints, Nexteer Automotive products are designed for enhanced passenger comfort, reduced weight and improved fuel economy while delivering superior warranty performance.

Leadership

Nexteer Automotive is driven by a global leadership team dedicated to building on the company's strong heritage of engineering and manufacturing performance.



Guibin Zhao
Chairman, Executive Director and Chief Executive Officer

Guibin Zhao was appointed chairman and executive director of the Board in June 2013. Zhao has been chief executive officer since June 2012. Under his current role, Zhao is responsible for setting Nexteer's strategic vision, direction and goals, along with the overall execution of company's strategy.

In addition to his role at Nexteer, Zhao is director of Pacific Century Motors Steering and chairman of the Board of Directors for several of the company's subsidiaries since December 2012. He also is general manager of AVIC Auto, one of Nexteer's controlling shareholders since 2010.

Zhao holds an executive masters degree in business administration by the University of Electronic Science and Technology of China.



Laurent Bresson
President and Global Chief Operating Officer

Laurent Bresson was appointed president of Nexteer in June 2012 and global chief operating officer in May 2012. In addition, Bresson leads the Nexteer Strategy Council, the company's top strategy and policymaking group. He is dedicated to continuing the Nexteer's global success and is charged with leading a talented executive staff, supported by experienced management teams and a committed global workforce.



Leadership

Under his current role, Bresson oversees Nexteer's global functions, including operations, sales, engineering, human resources, finance and global supply management. In addition, he is responsible for all of Nexteer's product lines.

Bresson holds a masters of science from the University of Manchester Institute of Science and Technology in Manchester, the United Kingdom and was awarded the Certificat d'Aptitude a l'Administration des Entreprises (the certificate for assessing the ability to administer corporations) at the Instituts d'Administration des Entreprises in Basse Normandie, France.



Mike Richardson
Executive Director, Senior Vice President, Chief Technology and Strategic Officer, China Chairman, Driveline Chairman

Mike Richardson was appointed executive director in June 2013. Richardson has been senior vice president, chief technology and strategic officer, as well as chairman of both the China division and the driveline division since June 2012. Under his current role, Richardson is responsible for Nexteer's technology, information technology and strategic planning as well as mergers and acquisitions. He is also a member of the Nexteer Strategy Council.



Joe Perkins
Senior Vice President and Chief Financial Officer

Joe Perkins was appointed senior vice president and chief financial officer in December 2012. Under his current role, Perkins is responsible for Nexteer's treasury, capital funding and structure, accounting and financial reporting, financial planning and analysis. In addition, he is responsible for risk management, financial controls and taxation. He is also a member of the Nexteer Strategy Council.



Leadership



Ileana Simplicean
Senior Vice President and General Counsel

Ileana Simplicean was appointed senior vice president and general counsel in August 2011. Under her current role, Simplicean is responsible for managing the legal affairs for Nexteer. In addition, she is responsible for advising Nexteer's Board of Directors on legal matters and ensuring legal and regulatory compliance. She is also a member of the Nexteer Strategy Council.



Media Contacts

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