



**nexteer**  
AUTOMOTIVE

*a leader in intuitive motion control*



2016

Corporate Profile

HK:01316



# About Us

Nexteer Automotive is a global leader in advanced steering and driveline systems. In-house product development and full integration of hardware, software and electronics give Nexteer an unmatched competitive advantage as a full-service supplier.

Our vision is to expand our leadership in intuitive motion control – leveraging strengths in advanced steering and driveline systems. We maintain product focus on electric power steering (EPS), a socially responsible technology that offers automakers increased fuel economy and reduced emissions. Nexteer Automotive has put more than 30 million EPS units on the road since 1999, saving more than three billion gallons of fuel.

Nexteer draws upon a 100-year heritage of vehicle integration expertise and product craftsmanship. We are the partner of choice for our customers and suppliers, delivering dependable product solutions and building enduring relationships.

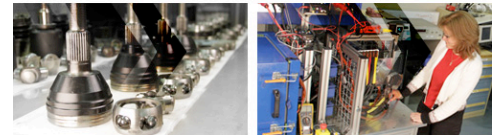
## **Nexteer Automotive provides real-world, vehicle-level solutions:**

- **Customer Focused:** Respected and trusted for delivering on commitments
- **Proactive:** We listen to understand customer requirements
- **Innovative:** A market leader in steering and driveline innovations
- **Agile:** Able to respond quickly with high-quality, cost-effective solutions
- **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
- **2006** – Celebrated 100-year anniversary
- **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
- **2013** – Successfully completed an initial public offering on the Hong Kong Stock Exchange (HK:01316)
- **2014** – Senior notes offering in November 2014
- **2015** – Commemorated fifth Nexteer anniversary as a stand-alone company



## SIGNIFICANT TECHNOLOGY MILESTONES

- **1951** – 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

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# History & Technology Milestones

- **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
- **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 introduced 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** – Introduced Driver Protection Module and One Touch Adjustable Column to the market
- **2009** – Launched Single-Pinion EPS on the PSA Peugeot Citroën C3 and DS3
- **2010** – Provided world's first 12-Volt Electric Power Steering systems to trucks and high performance vehicles
- **2013** – MAGNASTEER™ with Torque Overlay was announced as a finalist for the Automotive News PACE Awards
- **2013** – Launched Brush Column EPS for entry level vehicles
- **2013** – Launched Single-Pinion EPS system with a scalable electronic architecture on the BMW i3
- **2015** – Surpassed 30 millionth EPS system since 1999 and 1 millionth Brush Column EPS since 2013 production milestones



# 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 30 million EPS units on the road, saving more than three billion gallons of fuel

## GLOBAL FOOTPRINT

- **World Headquarters:** Saginaw, Mich.
- **Manufacturing Plants:** 21
- **Application Engineering Centers:** 5
- **Customer Service Centers:** 10
- **Vehicle Performance Centers:** 3
- **Systems Engineering Center:** 1

**FULL-TIME EQUIVALENT GLOBAL WORKFORCE:** 12,000+

**GLOBAL CUSTOMERS:** 50+, including BMW, Fiat Chrysler, Ford, GM, Toyota and PSA Peugeot Citroen, as well as automakers in India, China and South America

## PRODUCTS:

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

**REVENUE:** \$3 billion in 2014

***Our technologies enable driver assist systems of today and those yet to come.***



# 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's personality and performance.

***Nexteer Automotive's EPS gives drivers the best steering control for ALL driving circumstances – from highway to off-road conditions.***



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 five million electronic power steering units in just this year alone for a full range of vehicles. As a leader in product performance and value, we offer:

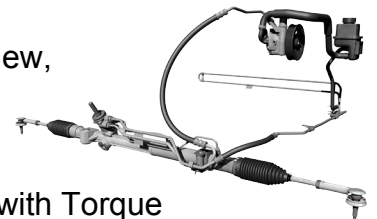
- A complete EPS portfolio
- Brushless motor technology for high efficiency and improved steering
- Active steering features for precise, predictable steering feel
- Non-contacting position sensor that provides CAN output and (optional) absolute position for body/chassis integration
- Flexible tuning 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.

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## **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 and have pioneered advances like MAGNASTEER™ with Torque Overlay and Smart Flow.





# Products

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

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

Nexteer Automotive has modernized its HPS systems for compatibility with driver assist technologies and maximum efficiency through the introduction of its MAGNASTEER™ with Torque Overlay (MTO) and Smart Flow systems.

MTO brings safety, comfort and driver assist technologies to vehicles beyond the traditional range of electric power steering. Torque Overlay, applied through software and existing hardware enhancements, can add or subtract torque to the steering system, independent of the driver, in either direction.

MTO-enabled features include:

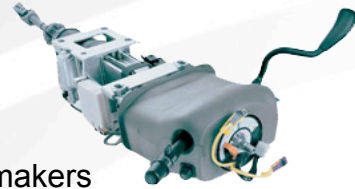
- Park Assist
- Pull Compensation
- Stability Control
- Active Damping
- Active Return to Center
- Rough Road Feedback Reduction
- Driver Alert Warnings

Smart Flow increases HPS operating efficiency and fuel efficiency by reducing parasitic loss on the engine. It can be combined with the MTO system for an optimized HPS experience.

# Products

## 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. Steering columns are designed to offer safety, fuel efficiency gains from lightweight materials and passenger comfort by eliminating road vibrations.



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

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

- 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 and sensors

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## DRIVELINE AND HALFSHAFTS

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



***With more than 50 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.





# Board of Directors

*Nexteer Automotive's Board of Directors is responsible and has general powers for the management and conduct of its business. The Board comprises eight directors, including four non-executive directors, a majority of whom are independent non-executive directors.*

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## EXECUTIVE DIRECTORS



**Guibin Zhao**  
**Chairman, Executive Board 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. In 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 (PCM) Steering and chairman of the Board of Directors for several of the company's subsidiaries. In addition since 2010, he has been director of PCM China, one of Nexteer's controlling shareholders, and chairman of the Board of Directors of AVIC Auto, one of Nexteer's controlling shareholders.

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



**Mike Richardson**  
**Executive Board Director, Senior Vice President and Strategy Officer**

Mike Richardson is executive board director, senior vice president and strategy officer of Nexteer. In his current role, Richardson is responsible for Nexteer's strategic planning as well as mergers and acquisitions. He is also a member of the Nexteer Strategy Council.

# Board of Directors



**Yi Fan**  
**Executive Board Director, Vice President and Joint Company Secretary**

Yi Fan was appointed vice president in November 2013. He was previously appointed executive board director in June 2013 and was appointed joint company secretary in January 2013. In his current role, Fan manages the company's secretarial duties. Fan currently serves as director and secretary of the board of directors for PCM Steering as well as director of several of the company's subsidiaries.

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## NON-EXECUTIVE DIRECTORS



**Dean Lu**  
**Non-Executive Director**

Dean Lu was appointed non-executive director in August 2013. In his current role, Lu is responsible for participating in Nexteer's strategic and key operational decision making processes and advising on Nexteer's strategies and policies. Lu currently serves as director and general manager of AVIC Auto, one of Nexteer's controlling shareholders. In addition, Lu is director of PCM China, one of Nexteer's controlling shareholders.



**Xiaobo Wang**  
**Non-Executive Director**

Xiaobo Wang was appointed non-executive director in August 2013. In his current role, Wang is responsible for participating in Nexteer's strategic and key operational decision making processes and advising on Nexteer's strategies and policies. Wang currently serves as director of PCM China, one of Nexteer's controlling shareholders. He has served as general manager of Beijing E-Town since February 2012.



# Board of Directors

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## INDEPENDENT NON-EXECUTIVE DIRECTORS



**Hing Lun Tsang**  
**Independent Non-Executive Director**

Hing Lun Tsang was appointed independent non-executive director in June 2013. Tsang has over 30 years of experience in the banking, finance and wealth management sectors. He currently holds independent non-executive directorships in the following listed companies: China Rongsheng Heavy Industries Group Holdings Ltd., Sinotrans Shipping Ltd. and Sino-Ocean Land Holdings Ltd.



**Jianjun Liu**  
**Independent Non-Executive Director**

Jianjun Liu was appointed independent non-executive director in June 2013. Liu has held legal positions at several law firms as well as at a global shipping and logistics company. He has been a partner at Zhonglun W&D Law Firm, Beijing since June 2007.



## Board of Directors



**Kevin Cheng Wei**  
**Independent Non-Executive Director**

Kevin Cheng Wei was appointed independent non-executive director in June 2013. Wei is currently a managing partner of a corporate finance advisory firm. He has previously served as the CFO of IFM Investments Ltd. (NYSE:CTC) from December 2007 to September 2013. He has been a director of IFM Investments Ltd. since November 2008, an independent non-executive director of Tibet 5100 Water Resources Holdings Ltd. since March 2011 and an independent non-executive director of Wisdom Holdings Group since July 2013. Wei is a member of the American Institute of Certified Public Accountants (AICPA).

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# Management Team

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



**Guibin Zhao**  
**Chairman, Executive Board Director and Chief Executive Officer**

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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 is president and global chief operating officer of Nexteer. He leads a highly skilled team of nearly 12,000 people and oversees 21 manufacturing facilities, five technical centers and 10 customer service centers across the globe in 11 countries.

His automotive industry experience began in 1995 as an engineer in Germany at Siemens-Continental-VDO. He joined Delphi Corporation in 1999. Bresson quickly rose through the ranks and held a number of managerial and executive positions. Prior to ascending into his current position at Nexteer, Bresson was senior vice president and chief operating officer, international division for Delphi's steering division.

# Management Team

Bresson is a qualified engineer from the École nationale supérieure d'ingénieurs in Caen, France. He holds a master's degree in science from the University of Manchester Institute of Science and Technology in Manchester, U.K., and a master's degree of business administration from the Institute d'Administration des Entreprises in Basse Normandie, France.



**Mike Richardson**  
**Executive Board Director, Senior Vice President and Strategy Officer**

Mike Richardson is executive board director, senior vice president & strategy officer of Nexteer. In his current role, Richardson is responsible for Nexteer's strategic planning as well as mergers and acquisitions. He is also a member of the Nexteer Strategy Council.



**Yi Fan**  
**Executive Board Director, Vice President and Joint Company Secretary**

Yi Fan was appointed vice president in November 2013. He was previously appointed executive board director in June 2013 and was appointed joint company secretary in January 2013. In his current role, Fan manages the company's secretarial duties. Fan currently serves as director and secretary of the board of directors for PCM Steering as well as director of several of the company's subsidiaries.



# Management Team



**James Corbeil**  
**Executive Director, Global Supply Management**

James Corbeil is executive director, global supply management. In his current role, Corbeil is responsible for purchasing, supplier development, production control, global logistics and supplier launch management functions.



**Mark Decker**  
**Vice President, Chief Human Resources Officer**

Mark Decker is vice president and chief human resources officer. In his current role, Decker is responsible for all global human resources activities. In addition, he is responsible for health and safety, medical and security. He is also a member of the Nexteer Strategy Council.



**Dennis Hoeg**  
**Vice President, Manufacturing Engineering and Corporate Enterprise Systems**

Dennis Hoeg is vice president, manufacturing engineering and corporate enterprise systems. In his current role, Hoeg is responsible for Nexteer's global manufacturing engineering, corporate lean manufacturing, process standardization, global manufacturing planning, global facilities management, capital plan and enterprise system improvements. He is also a member of the Nexteer Strategy Council.



# Management Team



**Tao Liu**  
**Vice President, Chief Operating Officer China Division**

Tao Liu is vice president and chief operating officer China division. In his current role, Liu is responsible for the China division, gaining commitments from the business lines and leveraging corporate functions to meet the business plan of the division. He is also a member of the Nexteer Strategy Council.



**Frank Lubischer**  
**Senior Vice President, Global Engineering and Chief Technology Officer**

Frank Lubischer is senior vice president, global engineering and chief technology officer. In his current role, Lubischer is responsible for Nexteer's global engineering as well as technology definition, design and development of product portfolio and manufacturing engineering, and customer application. He is also a member of the Nexteer Strategy Council.



**Doug Owenby**  
**North America Division Vice President and COO**

Doug Owenby is vice president and chief operating officer Saginaw division. In his current role, Owenby is responsible for the Saginaw division, gaining commitments from the business lines and leveraging corporate functions to meet the business plan of the division. He is also a member of the Nexteer Strategy Council.





# Media Contacts

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