Linde Hydraulics (China) announces its renaming to LHY Powertrain, at the SDHI Weichai Power Global Partners' Conference on Sunday. PROVIDED TO CHINA DAILY

New logo emphasizes global R&D resources

By LI YOU

At the SDHI Weichai Power Global Partners' Conference on Saturday, Weichai Power announced that its group member, Linde Hydraulics (China), has been renamed LHY Powertrain — a move signaling its strategic shift for future market operations.

As a century-old brand inheriting German technological DNA, Linde Hydraulics was founded in Munich in 1904. It relocated to Aschaffenburg in 1907 and developed the world's first hydrostatically driven vehicle. In the 1980s, it launched the Series 02 pump motor.

Following its strategic restructuring by Weichai, Linde Hydraulics embarked on a path of global development through Sino-German cooperation.

Weichai Power set up an intelligent hydraulic manufacturing plant in Germany to create advanced research and development platforms and automated production lines. Later, Weichai Power invested 2 billion yuan ($280.8 million) in building a hydraulic R&D and manufacturing base in Weifang, Shandong province, to promote the commercialization of key hydraulic technologies.

According to Weichai Power, the renaming of LHY Powertrain is not only an inheritance of Linde Hydraulics' century-old technology but a strategic transformation for the future. The letter "L", retaining the classic wavy element of Linde Hydraulics, is optimized into a symmetrical structure, carrying the century-old brand history; "HY" is derived from the first two letters of "Hydraulics", highlighting LHY's core business; the word "Powertrain" below conveys that Linde Hydraulics (China) has been transformed from a single hydraulic component supplier to a system solution provider.

"The new LHY Powertrain brand demonstrates our commitment to the synergy of global resources and working together as a team. We are breaking down silos to integrate our R&D teams in China and Germany into a global R&D force," said Milos Vukovic, head of the LHY R&D Center.

Through years of collaborative development, LHY Powertrain now has four production bases worldwide, eight subsidiaries in Europe, the United States and China, and more than 60 sales and service partners in more than 50 countries. To date, LHY has obtained 593 patents, including 106 invention patents.

8 subsidiaries
of LHY Powertrain across Europe, the United States and China

60+ partners
of LHY Powertrain for sales and service in more than 50 countries

Intl investment and innovation highlighted by Weichai Group

Company showcases full range of products at Global Partners' Conference, Qingdao

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Nearly 60 star power system products from Weichai Group are showcased at the SDHI Weichai Power Global Partners' Conference held in Qingdao, Shandong province, on Saturday. PROVIDED TO CHINA DAILY

Weichai Group, one of the largest subsidiaries of Shandong Heavy Industry Group, held its 2025 Global Partners Conference on Saturday in Qingdao, Shandong province. It showcased new products in segments including power systems, commercial vehicles, construction machinery, agricultural equipment, and marine transportation equipment.

Nearly 60 star power system products formed a full lineup. Their displacement ranged from 2 to 340 liters and from 18 to 10,000 kilowatts in power.

The conference also exhibited flagship power system solutions such as large-bore generator sets, continuously variable transmission power trains, and high-thermal-efficiency engine power trains.

As a core component of complete machines or whole vehicles, the performance of a power system determines the capability of the equipment and influences the market competitiveness of the whole vehicle or machine.

Over the past 10 years, Weichai has invested more than 30 billion yuan ($4.2 billion) in the engine segment; established 10 innovation platforms in North America, Europe, Japan and other countries; and built a full-series power system.

The company has mastered diverse energy technologies including high-thermal-efficiency diesel engines, pure electric power, hydrogen internal combustion engines, methanol engines, hydrogen fuel cells, and solid oxide fuel cells, becoming a core part of Shandong Heavy Industry Group.

Heavy-duty trucks of Sinotruk and Shaanxi Heavy Duty Automobile equipped with Weichai's NG4.0 natural gas engine and the new-generation high-thermal-efficiency H/T-2.0 engine are popular in the market.

Benefiting from Weichai's CVT power train and hydraulic power train for harvesters, Weichai Lovol Intelligent Agriculture has accelerated its development in high-end, intelligent and environmentally friendly directions.

In the high-end mining equipment market, Weichai's M-series large-bore mining power trains provide differentiated solutions for large-scale mining equipment.

At the exhibition site, two exhibits bearing the traces of history attracted visitors' attention. The 6160A diesel engine, produced in March 1976, is nearly 50 years old. It operated as a generator in a State-owned farm in Linyi, Shandong province. Over the decades, its total operating time surpassed 100,000 hours. After its retirement in 2017, it can still start.

The WD615 diesel engine is another star product of Weichai, renowned for "driving 2.8 million kilometers without major repairs" and having a "market share exceeding 75 percent", according to the company. The global sales volume of this model exceeded 3.7 million units, of which about 700,000 units were exported overseas with complete vehicles.

30+ billion yuan
invested by Weichai in the engine segment over the past decade

In recent years, by focusing on high-value markets such as global data centers, rigid mining trucks, mining excavators and high-end marine engines, Weichai has built a high-value-added M-series large-bore product matrix, whose performance has reached the internationally advanced level. Moreover, it features shorter delivery cycles, better cost control and faster service response.

Nowadays, Weichai is expanding markets in countries and regions involved in the Belt and Road Initiative and formulates targeted solutions according to the market needs. The group is also constructing a localized manufacturing and supply chain worldwide.

Ma Changhai, chairman of Weichai Power, said that in the first three quarters of 2025, Weichai achieved a year-on-year increase of 6 percent in operating income. The export income of the engine segment rose by 30 percent year-on-year.

Facing the future, Weichai not only aims to be an outstanding equipment manufacturer, but strives to work with global partners to achieve leaps in product value, customer relations and industrial win-win advantages.

During the conference, 10 outstanding strategic partners and eight outstanding foreign employees were commended to honor their trust and support for Weichai.

The chairman and general manager of Hong Seng Power from Malaysia said that in the nine years of cooperation with Weichai, he had witnessed Weichai's rise in global competition. He expressed confidence in Weichai's bright future.

Business representatives from abroad show keen interest in Weichai's wide range of products at the SDHI Weichai Power Global Partners' Conference in Qingdao, Shandong province. PHOTOS PROVIDED CHINA DAILY

Overseas expansion of business led by technological expertise

By HAO NAN
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As one of the forerunners of Chinese enterprises "going global", Weichai has forged a path of high-quality development in its overseas business landscape. Its decadelong focus on internationalization has not only expanded its global footprint but solidified its position as a key player in the global industrial equipment sector.

To date, Weichai has a stake in renowned overseas companies, including Ferretti in Italy, Kion and Linde Hydraulics in Germany, Dematic and PSI in the United States, Baudouin in France, and Ballard in Canada, with its internationalization index standing at 40.93 percent. Notably, all the overseas acquired companies of the group have maintained steady growth.

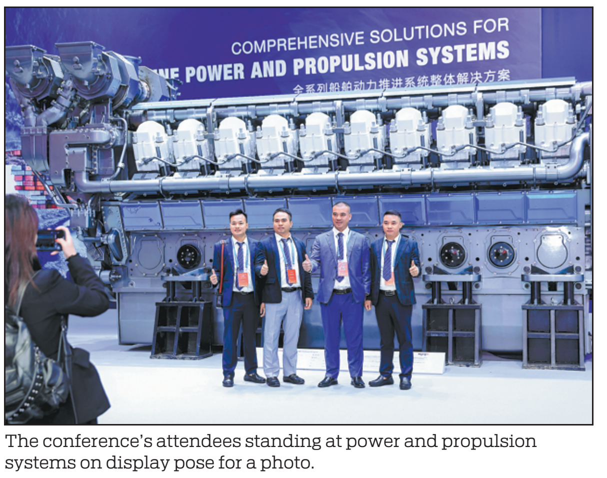
Ma Changhai, deputy general manager of Shandong Heavy Industry Group, chairman and general manager of Weichai Group, and chairman of Weichai Power, said that the group has ramped up efforts in product exports, tailoring strategies to meet diverse market needs.

By rolling out targeted measures and diversified solutions, Weichai has delivered impressive export results. In the first three quarters of 2025, export revenue for its engine segment surged by more than 30 percent, hitting a historic high and effectively avoiding the risks brought by domestic market fluctuations.

Today, Weichai's global engine ownership exceeds 6.5 million units, with over 1.2 million units deployed overseas. Its heavy-duty truck engines rank first globally, while its energy power systems and medium-speed engines are among the top three worldwide, becoming the core drivers of its overseas growth.

Updates on Weichai's overall performance were shared at the news conference of SDHI Weichai Power Global Partners' Conference, which was held in Qingdao, Shandong province, last week.

At the event, Ma revealed that Weichai's operating revenue reached more than 250 billion yuan in the first nine months, a year-on-year increase of 6 percent, representing the company's high-quality development.



The conference's attendees standing at power and propulsion systems on display pose for a photo.

As the core subsidiary of Shandong Heavy Industry, Weichai has evolved into a leading Chinese multinational group specializing in industrial equipment with global influence. It has built a comprehensive industrial matrix spanning power systems, commercial vehicles, agricultural equipment, construction machinery, intelligent logistics, and marine transportation equipment.

Its brand portfolio includes well-known names such as Weichai Power, Shaanxi Heavy-duty Motor, Weichai Lovol Heavy Industry, Dematic, and Ferretti, with an annual total operating revenue exceeding 300 billion yuan.

In recent years, Weichai has prioritized innovation-driven development, advancing strategic transformations toward new energy, digital intelligence and the after-sales market. This has accelerated the formation of a diversified power industry ecosystem while driving the upgrading of China's manufacturing sector.

Weichai's brand strength is also widely recognized. At the 2025 China Brand Day, Weichai Power's brand value reached 83 billion yuan, ranking second in China's machinery and equipment manufacturing industry. In September, Weichai Group secured the 87th spot in the 2025 China Top 500 Enterprises list, based on its 2024 operating revenue of over 312 billion yuan.

Amid fierce industry competition and the pressing need for new energy transformation, Weichai has seized opportunities in the artificial intelligence era by boosting its large-bore engine business, thus yielding impressive growth in both domestic and overseas markets.

"From just a few dozen units sold in 2023 to hundreds in 2024, sales of our large-bore products in the first three quarters of this year soared by 400 percent year-on-year," Ma noted. "This substantial growth has provided strong support for the expansion of our traditional business segments."

In the new energy arena, Weichai has been laying out its new energy power system since 2010, integrating motor, motor controller, and battery technologies. It has developed a product matrix of over 100 battery products and more than 30 motor products, catering to sectors such as new energy heavy trucks, light trucks, and buses.