



LiuGong Wide Body Mining Dump Trucks Equipped with Allison 4800 Off Road Series™ Transmissions Exported to Colombia

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Chinese exports of Allison equipped trucks provide global customers with uncompromising productivity and efficiency in the harshest environments

INDIANAPOLIS--(BUSINESS WIRE)--Mar. 16, 2022-- Allison Transmission, a leading designer and manufacturer of conventional and electrified vehicle propulsion solutions and the largest global manufacturer of medium- and heavy-duty fully automatic transmissions for commercial and defense vehicles, is pleased to announce that its long-term partner LiuGong (Changzhou) Mining Machinery Co., Ltd., a subsidiary of global construction machinery enterprise Guangxi LiuGong Heavy Machinery Co., Ltd, has shipped wide body mining dump (WBMD) trucks equipped with Allison 4800 Off Road Series™ (ORS) fully automatic transmissions to Colombia.

This press release features multimedia. View the full release here: <https://www.businesswire.com/news/home/20220316005633/en/>



Equipped with Allison 4800 Off-Road Series™(ORS) fully automatic transmissions, wide body mining dump (WBMD) trucks manufactured by Chinese heavy machinery OEM LiuGong were exported to Colombia for the transportation of coal deposits. (Photo: Business Wire)

This award represents another milestone in Allison's pursuit to capture market share in the global wide body mining dump truck market. In China, this initiative includes both domestic and export opportunities, supporting more than \$50 million annually in incremental revenue potential for Allison's Outside North America On-Highway end market.

"We have been working with Allison Transmission for more than a decade to integrate their transmissions into several of our vehicle segments," said Zhou Changqi, the head of R&D Center of LiuGong. "Our wide body mining dump trucks equipped with Allison fully automatic transmissions are well received at home and abroad as they can face severe duty-cycles and any harsh environment without compromising productivity and efficiency. Allison's deep understanding of the global market, and their ability to manufacture transmissions that provide unrivalled performance, quality, durability and reliability support our company's development strategies," said Zhou. "In addition, Allison automatics are easy to operate, which significantly reduces stress for the drivers. The Allison 4800 ORS requires only periodic fluid and filter changes to maintain peak performance, resulting in more vehicle uptime and lower maintenance costs."

As the largest coal producer in South America, Colombia's rich coal deposits require extremely powerful and reliable heavy-duty trucks. Not only do the country's mining trucks have to haul massive loads, they also have to withstand heavy start-stop duty-cycles and day-after-day use without breaking down. With two shifts a day, the total operation time will be around 20 hours per day. Designed to carry a max payload of 60 tonnes with body capacity rated at 32 cubic meters, the new mining truck is powered by a 382kW Yuchai diesel engine and an Allison 4800 ORS fully automatic transmission with an output rated at 2400 Nm torque. Equipped with an engine-driven Power Take-Off™ (PTO) and a hydraulic retarder for enhanced braking, the Allison 4800 ORS transmission ensures optimum drivability for off-road heavy duty-cycle operations. The 4800 ORS is equipped with Allison's patented Continuous Power Technology™, featuring a hydraulic torque converter which smoothly multiplies peak engine torque, delivering more power to the wheels than other transmission technology. While a manual or automated manual transmission (AMT) loses power with every shift, an Allison smoothly shifts between gears without power interruption. This results in faster acceleration, increased performance and greater operational flexibility.

About Allison Transmission

Allison Transmission (NYSE: ALSN) is a leading designer and manufacturer of vehicle propulsion solutions for commercial and defense vehicles, the largest global manufacturer of medium- and heavy-duty fully automatic transmissions, and a leader in electrified propulsion systems that *Improve the Way the World Works*. Allison products are used in a wide variety of applications, including on-highway trucks (distribution, refuse, construction, fire and emergency), buses (school, transit and coach), motorhomes, off-highway vehicles and equipment (energy, mining and construction applications)

and defense vehicles (tactical wheeled and tracked). Founded in 1915, the company is headquartered in Indianapolis, Indiana, USA. With a presence in more than 150 countries, Allison has regional headquarters in the Netherlands, China and Brazil, manufacturing facilities in the USA, Hungary and India, as well as global engineering resources, including electrification engineering centers in Indianapolis, Indiana, Auburn Hills, Michigan and London in the United Kingdom. Allison also has more than 1,400 independent distributor and dealer locations worldwide. For more information, visit allisontransmission.com.

Allison Transmission Forward-Looking Statements

This press release contains forward-looking statements. All statements other than statements of historical fact contained in this press release are forward-looking statements, including all statements regarding future financial results. In some cases, you can identify forward-looking statements by terminology such as "may," "will," "should," "expect," "plans," "project," "anticipate," "believe," "estimate," "predict," "intend," "forecast," "could," "potential," "continue" or the negative of these terms or other similar terms or phrases. Forward-looking statements are not guarantees of future performance and involve known and unknown risks. Factors which may cause the actual results to differ materially from those anticipated at the time the forward-looking statements are made include, but are not limited to: the duration and spread of the COVID-19 pandemic, including new variants of the virus and the pace and availability of vaccines and boosters, mitigating efforts deployed by government agencies and the public at large, and the overall impact from such outbreak on economic conditions, financial market volatility and our business, including but not limited to the operations of our manufacturing and other facilities, the availability of labor, our supply chain, our distribution processes and demand for our products and the corresponding impacts to our net sales and cash flow; increases in cost, disruption of supply or shortage of labor, freight, raw materials or components used to manufacture or transport our products or those of our customers or suppliers, including as a result of the COVID-19 pandemic; our participation in markets that are competitive; our ability to prepare for, respond to and successfully achieve our objectives relating to technological and market developments, competitive threats and changing customer needs, including with respect to electric hybrid and fully electric commercial vehicles; the highly cyclical industries in which certain of our end users operate; uncertainty in the global regulatory and business environments in which we operate; the concentration of our net sales in our top five customers and the loss of any one of these; the failure of markets outside North America to increase adoption of fully automatic transmissions; the success of our research and development efforts, the outcome of which is uncertain; U.S. and foreign defense spending; risks associated with our international operations, including increased trade protectionism; general economic and industry conditions; the discovery of defects in our products, resulting in delays in new model launches, recall campaigns and/or increased warranty costs and reduction in future sales or damage to our brand and reputation; our ability to identify, consummate and effectively integrate acquisitions and collaborations; labor strikes, work stoppages or similar labor disputes, which could significantly disrupt our operations or those of our principal customers or suppliers; risks related to our indebtedness; and other risks and uncertainties associated with our business described in our Annual Report on Form 10-K, Quarterly Reports on Form 10-Q and Current Reports on Form 8-K. Although we believe the expectations reflected in such forward-looking statements are based upon reasonable assumptions, we can give no assurance that the expectations will be attained or that any deviation will not be material. All information is as of the date of this press release, and we undertake no obligation to update any forward-looking statement to conform the statement to actual results or changes in expectations.

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