

# Allison Transmission Introduces Innovative Propulsion Solution for Off-Highway Market

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INDIANAPOLIS--(BUSINESS WIRE)--Jul. 22, 2021-- 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 the launch of the TerraTran™, its latest innovation in propulsion solutions purpose built for the global construction and mining markets.

This press release features multimedia. View the full release here: <https://www.businesswire.com/news/home/20210722005360/en/>



Xuzhou Construction Machinery Group to equip its all-terrain crane application with Allison Transmission's new TerraTran. (Photo: Business Wire)

A variant of Allison's proven 4000 Series™ transmission, the TerraTran is purpose built for off-highway applications such as mobile crane, articulated dump truck and wide-body mining dump trucks, with enough application flexibility to enable

Allison to target multiple additional on-highway opportunities. TerraTran was developed based on voice of customer input, which indicated a need for the proven reliability and durability of Allison's 4000 Series transmission, but with increased horsepower, torque and GVW capability, while also adding fast reverse capability.

TerraTran has maximum power capability of up to 800 horsepower, and torque capability up to 3,025 lbs./ft., dependent upon the application in which it is deployed. TerraTran also features seven forward and two reverse speeds. With the additional fast reverse, TerraTran delivers improved productivity and optimized vocational efficiency. Field tests conducted over approximately two years have demonstrated that TerraTran delivers enhanced drivability, gradeability and maneuverability under demanding operating conditions.

Allison is also pleased to announce that in partnership with Xuzhou Construction Machinery Group (XCMG) headquartered in Xuzhou, China, the TerraTran will be launched first in XCMG's all-terrain crane application.

"Collaborating with XCMG on their all-terrain crane application is a successful example of Allison working closely with our OEM partners to develop innovative solutions that deliver unparalleled performance and productivity to our end user customers, all in an effort to *Improve the Way the World Works*," said Kartik Ramanan, Executive Director, Global Off-Highway Sales, Customer Support and Service Engineering at Allison Transmission. "TerraTran leverages Allison's more than 65 years of experience moving earth, minerals and precious metals around the world where Allison Automatics have proven themselves in some of the most challenging conditions imaginable."

The release of the Allison TerraTran in XCMG's all-terrain crane is expected to further enhance the differentiated performance and value of XCMG products in the market, and will take the cooperation between the two parties to the next level, stated a spokesperson for XCMG Research and Development. XCMG's decade long relationship with Allison Transmission is based on a strong foundation of performance and quality in Allison's products

## 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](http://allisontransmission.com).

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