

MESSRING Delivers Multi-Functional Crash Test Facility to CMVR in China

State-of-the-art facility enables full spectrum of vehicle safety testing and supports future expansion

Munich, July 14, 2026 – MESSRING, the world's leading manufacturer of vehicle crash test facilities and their components, has successfully completed the delivery and installation of a new, highly flexible crash test facility for the China Merchants Testing Vehicle Technology Research Institute (CMVR) in Hefei, China.

The project further deepens the long-standing collaboration between MESSRING and CMVR, formerly known as CVTRI, which already operates a MESSRING installation. The new facility represents a significant enhancement of CMVR's testing infrastructure, enabling a broad spectrum of vehicle safety tests in line with international standards. The installation features a total track length of 238 meters, comprising 135 meters of double rail and 103 meters of single rail. This configuration allows for a wide range of test setups with high precision and repeatability. Two film pits have been integrated into the layout: one dedicated to car-to-car crash scenarios and a second located at the end of the track in combination with a fixed crash block, enabling detailed analysis of barrier impacts.

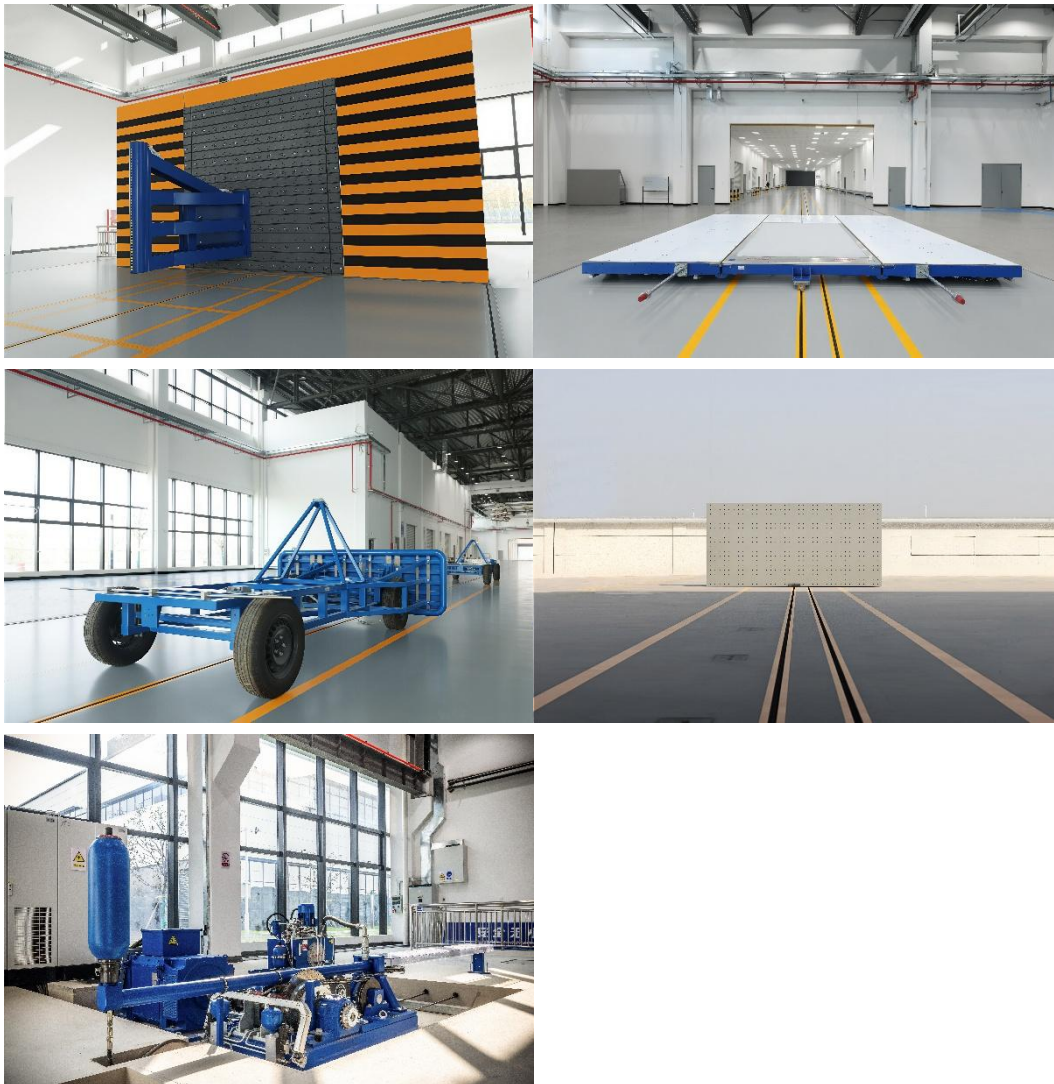
The facility is designed to support comprehensive testing requirements, covering numerous global regulatory and consumer test protocols such as GB, ECE, FMVSS, IIHS, C-NCAP and Euro NCAP. Its flexible infrastructure enables the execution of frontal, side and rear impacts, as well as complex crash configurations and specialized testing for passenger and commercial vehicles.

In addition to the core crash track, the installation includes an integrated test area equipped for Hydrobrake systems and guardrail testing, further extending the range of achievable test scenarios within the facility. The entire system has also been engineered with future requirements in mind and can be upgraded with an additional propulsion motor, ensuring scalability for evolving testing demands.

“With this project, we are continuing our successful partnership with CMVR and supporting the ongoing development of advanced vehicle safety testing in China,” said Christian Salm, Co-CEO of MESSRING. “The facility combines precision, flexibility and future readiness, enabling CMVR to meet both current and upcoming testing requirements across a wide range of vehicle categories.”

By delivering this state-of-the-art installation, MESSRING reinforces its position as a trusted global partner for comprehensive crash test solutions and underlines its commitment to providing future-proof technologies for the automotive industry.

Images:



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About MESSRING:

MESSRING GmbH is the world market leader for crash test technology. Based in the southwest of Munich, the mid-sized company's product offerings range from the realization of large, turnkey, and multifunctional crash test facilities to the delivery of innovative active safety test systems and solutions. In close cooperation with automotive engineers and manufacturers, MESSRING develops application specific solutions that enable the automotive industry to test their active and passive vehicle safety systems. With more than 160 employees and over 150 crash and sled test facilities installed worldwide, MESSRING has been contributing to making traffic and transportation safer for over 50 years.

Further information can be found at www.messring.de.

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