

# LEGUAN RMMV HX 10X10

Versatile and Efficient for Combat Support  
and Disaster Relief

# KNDS



# / Interoperable, powerful and flexible – the new wheeled LEGUAN decisively improves the range of applications

In modern times, LEGUAN has become a synonym for fast and effective bridge launching. 19 armed forces have already chosen the LEGUAN system after extensive trials because of its outstanding performance and easy handling. Teaming, pooling and sharing of resources have become reality to the benefit of all users.

The new wheeled LEGUAN generation secures a modern and optimized combat support and furthermore is perfectly suited to perform disaster relief operations.

## Key Facts

### Bridges:

Both the 26 m bridge and 14 m bridge set are fully qualified according to the latest TDTC requirements and additional real-life loading conditions. Providing a regular crossing capability of MLC 80 or even MLC 100, the bridges are able to support heavy forces without restrictions. Integrated load-cycle monitors thereby ensure maximum operational safety.

### Bridge laying unit:

The newly designed, fully automated unit can launch and recover both bridge types within minutes, requiring only one operator and no preparatory work. The omnidirectional vision system allows the crew to control the entire process from the vehicle cab, by day and night.

### Protection:

Automation, situational awareness and the ability to adapt the cabin protection to the threat level ensure maximum crew safety. The system can be optionally equipped with a remote-controlled weapon station and a smoke grenade launcher.

### Platform independence and mobility:

Driving long distances or ranging on hard off-road terrain – the LEGUAN RMMV HX10x10 can reliably perform both tasks with ease. With more than 18,000 HX trucks in service worldwide, the HX truck family has proven its reliability under all conditions.

### Logistics:

Standardization – The LEGUAN RMMV HX10x10 offers a high degree of commonality with other family members. Both on the hardware level and in terms of operating philosophy, training, etc., the concept can easily be integrated into existing logistics structures.

### Interoperability:

A key advantage of the LEGUAN system is its tactical and logistical interoperability. 19 nations all over the globe already use a LEGUAN system, making them a key component of international missions.



# / LEGUAN RMMV HX10x10 General Performance Data

<b>General</b>	Functionality	Transport, launch and retrieval of LEGUAN 26m bridge or two LEGUAN 14m bridges	<b>Dimensions</b>	Total length incl. bridges in transport position	16.7m (with 26m bridge), 17.6m (with 2x14m bridges)	
	Operators	2-man crew (commander / driver); optionally 3-man crew		Total width	4.0m	
	Bridge layer MLC	MLC 50		Total height	4.0m	
	Bridges MLC	MLC 100		<b>Bridge deployment</b>	Operation	Automated & under armor (from the vehicle cab), 1 person (driver), day and night sight equipment
	Bridge deployment	Automated			Operation time	Less than 4 min (14 m bridge) Less than 8 min (26 m bridge)
	Cabin	Protected acc. to STANAG		<b>Bridging</b>	Operation	Single and combination bridging
<b>Mobility</b>	Off-road capability	Enhanced (10x10; 1 <sup>st</sup> , 2 <sup>nd</sup> and 5 <sup>th</sup> axle-steered)	Obstacle gap		Up to 13m/25m	
	Engine power	540HP	Environmental condition		A1 to C2 (MIL STD 810G), limited (-40°C to +49°C)	
	Speed	90km/h	Safety		Lifecycle Monitoring System	
	Range	500km				
	Climbing ability	Up to 50%				
	Slope angle (approach)	Approx. 26° front / approx. 20° rear				
Fording	Up to 1,500 mm					
Ground clearance	350mm					
Environmental condition	A1 to C1 (MIL STD 810G), limited (-32°C to +49°C)					



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