

LEGUAN WBL 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:

The cross-platform design of the LEGUAN WBL 10x10 enables the selection of various carrier vehicles, allowing consideration of the in-service fleet. As of today, the compatibility of the LEGUAN WBL 10x10 has been successfully validated for the RMMV HX series, as well as for SISU and TATRA 10x10 carrier vehicles. Driving long distances or ranging on hard off-road terrain – the LEGUAN WBL 10x10 can reliably perform both tasks with ease.

Logistics:

Standardization – The LEGUAN WBL 10x10 offers a high degree of commonality with other members of the LEGUAN family. 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 WBL 10x10 General Performance Data

General	Functionality	Transport, launching and retrieval of LEGUAN 26m bridge or two LEGUAN 14m bridges
	Operators	2-man crew (commander / driver)
	Bridge layer MLC	MLC 50
	Bridges MLC	MLC 100
	Bridge deployment	Automated
	Cabin	Protected up to level 3 acc. to STANAG 4569
Mobility	Off-road capability	Enhanced (10x10)
	Engine power	Approx. 540HP
	Speed	90km/h
	Range	500km
	Climbing ability	60%
	Slope angle (approach)	Approx. 26° front / approx. 20° rear
	Fording	Up to 1,500 mm
	Ground clearance	350mm
	Environmental condition	A1 to C2 (MIL STD 810G), limited (-40°C to +49°C)

Dimensions	Total length incl. bridges in transport position	16.7m (with 26 m bridge), 17.6m (with 2x14m bridges)
	Total width	4.0m
	Total height	4.0m
Bridge deployment	Operation	Automated & under armour (from the vehicle cab), 1 person (driver), day and night sight equipment
	Operation time	Less than 4 min (14 m bridge) Less than 8 min (26 m bridge)
Bridging	Operation	Single and combination bridging
	Obstacle gap	Up to 13m/25m
	Environmental condition	A1 to C2 (MIL STD 810G), limited (-40°C to +49°C)
	Safety	Lifecycle Monitoring System



KNDS

**KNDS Deutschland
GmbH & Co. KG**

Krauss-Maffei-Str. 11
80997 Munich, Germany
Fon: +49/89/8140 50
Fax: +49/89/8140 4900
Mail: info@knds.de
Web: www.knds.com

Unless otherwise indicated, all products are registered
trademarks of KNDS Deutschland GmbH & Co. KG.
Property of KNDS. All rights reserved.
24EN | 0406B03