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Eurosatory 2016: Krauss-Maffei Wegmann showcases innovations under the umbrella of KMW+NEXTER Defense Systems

Paris, 13 June 2016

Six months after the formal conclusion of their association under the umbrella of the joint holding company KNDS, KMW and Nexter Systems are sharing a trade fair booth for the first time at Eurosatory 2016. It will be the LEOPARD'S HOME on new territory – but with its renowned excellence in innovation. KMW is presenting the future development of the LEOPARD 2 and a series of other innovations in wheeled vehicles and armaments to international industry experts.

Combat systems

The LEOPARD 2 A7V is KMW's response to the upgrade programmes planned by the German Armed Forces, in particular with a view to forthcoming procurement projects. All of the current requirements for the new system have been implemented in this variant. Amongst other features, this includes a 20 kW auxiliary power unit that safeguards selected tactical and operational functionalities in the area of sensor systems and communication systems when the primary power pack is shut off, and safeguards the capability to use programmable ammunition. A modular protection concept enables the adaptation of the LEOPARD 2 A7V to different mission requirements. With the LEOPARD 2 A7V, KMW has set another milestone in the continual further development of the LEOPARD 2 combat system, whose capabilities 18 user nations now rely on.

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Multitudinous variants

In the Remote Controlled Howitzer 155 (RCH 155), Krauss-Maffei Wegmann has united state-of-the-art artillery technology and mobility at a level never previously achieved. Its basis is the drive module of the BOXER* 8x8 high-protection wheeled vehicle, and its main weapon system consists of the 155 mm AGM (Artillery Gun Module), which performs all loading and firing processes fully automatically via remote control. With just a two-man crew, the system is fully mission ready. Its outstanding mobility characteristics open up new strategic, operational and tactical possibilities for artillery operations.

In the wheeled Infantry Fighting Vehicle (IFV) variant Remote Controlled Turret 30 (RCT 30), the BOXER is equipped with the field-tested unmanned PUMA turret with a 30 mm gun. The BOXER IFV offers up to ten crew members the highest level of protection.

With the further development of the chassis and the correlating increase in load class, combined with the increase in power pack output to 600 kW, the BOXER offers the potential to meet future challenges as well.

Protected vehicles

The DINGO 2 HD will also be on exhibit in a large-capacity variant at the KMW booth. This variant has capacity for up to ten crew members. Rapid mounting and dismounting in the rear section of the high-protection large-capacity cell is enabled by means of an electrically operable stairway. The increased payload of up to three tonnes, enhanced-performance air conditioning and the combination of a fully automatic gearbox with increased engine

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power to over 225 kW enable an expanded scope of deployment. The DINGO 2 HD will shortly be handed over to users in the Command Post, Tactical Radar Ground Surveillance (TRGS) and Ambulance variants.

FLW 500

KMW is unveiling the remote controlled Light Weapon Station 500 (FLW 500) demonstration unit for the first time. Equipped with tertiary armament, the system is a further development of the operation-tested, highly successful FLW 100 and 200. In addition to a 30 mm-calibre automatic cannon as the main gun, secondary armament in the form of a 7.62 mm-calibre machine gun as well as a 76 mm-calibre multi-tube launcher system as tertiary armament are provided in the FLW 500. The FLW 500 can also be optionally equipped with guided missiles, such as anti-tank guided missiles. The modular system enables continued use of weapon equipment sets from the established FLW 100 and 200. With a system weight of approximately 500 kg, it is suitable for use on light protected vehicles with limited roof loads.

Special Operations Vehicle

The KMW Special Operations Vehicle (SOV) is designed for the particular challenges encountered by special forces. It can be transported by air in a CH-53 helicopter and offers exceptional mobility and off-road ability, integrated protection and a payload of up to 2.5 tonnes. The modular vehicle system enables different mission variants with a crew of up to six soldiers.

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Press contact

Should you have any further questions, please contact:

Dr. Kurt Braatz

Vice President Strategy and Corporate
Communications

Krauss-Maffei Wegmann GmbH & Co. KG

Krauss-Maffei-Str. 11
80997 Munich
Germany
Tel.: +49 89 8140 4675
Fax: +49 89 8140 4977
E-Mail: kurt.braatz@kmweg.de
www.kmweg.de

Krauss-Maffei Wegmann GmbH & Co. KG leads the European market for highly protected wheeled and tracked vehicles. At locations in Germany, Brazil, Greece, Mexico, the Netherlands, Singapore, the United Kingdom, the USA and Turkey some 4.000 employees develop, manufacture and support a product portfolio ranging from air-transportable, highly protected wheeled vehicles (MUNGO, AMPV*, DINGO, GFF4 and BOXER*) through reconnaissance, anti-aircraft and artillery systems (FENNEK, GEPARD, LeFlaSys*, Armoured Howitzer PzH2000, DONAR* and AGM) to main battle tanks (LEOPARD 1 and 2), infantry fighting vehicles (PUMA*) and bridgelaying systems. In addition, KMW has wide-ranging system competence in the area of civil and military simulation, as well as in command and information systems and remote-controlled weapon stations with reconnaissance and observation equipment. The armed forces of more than 50 nations worldwide rely on tactical systems by KMW.

* Joint venture with national and international partners

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