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Eurosatory debut: Rheinmetall's Amarok M Light Multi-Purpose Vehicle (LMPV)

Outstanding mobility both on and off road, flexibility and reliability – these are the chief features of the lightweight all-terrain vehicles in service with armed forces around the globe. Rheinmetall MAN Military Vehicles (RMMV) has now expanded its product portfolio to include a commercial off-the-shelf vehicle in the below 3.5 t class. RMMV is displaying its new Amarok M Light Multi-Purpose Vehicle (LMPV) for the first time at this year's Eurosatory.

The Amarok M is a light multi-purpose vehicle that can be readily configured to meet individual customer requirements. Different equipment kits enable it to perform a wide range of missions. During the development process, RMMV placed great emphasis on meeting the twin military requirements of maximum modularity and ergonomic design.

- The vehicle interior is spacious enough to seat up to four fully equipped soldiers.
- Rifle racks, a radio system with handsets and room for stowing additional equipment assure excellent ergonomics.
- At a total vehicle weight of three tonnes, the Amarok M can carry a payload of up to 1.37 tonnes (with the basic cab).

All-wheel drive, an off-road anti-blocking system, an advanced, high-performance diesel or petrol-fuelled engine (90 to 132 kW, Euro 5), and a choice of eight-gear automatic or six-gear standard transmission combine to assure high mobility whether on hard surfaces or off road.

An engine output of up to 180 HP (depending on the configuration) delivers a maximum speed of 180 km/h as well as 1.26-tonne payload (with a double cab), or 1.37-tonnes with a basic cab.

As an alternative to a loading area with a capacity of 2.5 m² (double cab) or 3.57 m² (basic cab), the chassis can be modified in accordance with customer requirements for a variety of different missions.

Moreover, as a systems integrator, RMMV can draw on numerous subsystems and components from Rheinmetall's extensive portfolio of products as well as other customer-specific equipment kits, enabling it to transform the Amarak M into a communications and/or command vehicle, a military police patrol vehicle, etc. Designed with special operations in mind, the Amarak M on display at Eurosatory 2012 is equipped with an electrically powered ring-mount for a medium or heavy machine gun or automatic grenade launcher.

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