



“Bomb disposal requires nerves of steel - and an off-road, multi-tasking vehicle that gets you quickly to the site.”

Thomas Gesk, Explosives Expert, Hanover, Germany

Recovering bombs from depths of up to 8 meters is part of the job for explosives expert Thomas Gesk of the Explosives Disposal Service, KBD, Hanover. And for the Unimog U 5000. The

Unimog is reliable and safe, even in the most challenging terrain it navigates you to your destination in record time.



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The customer.

► The Second World War may have ended 60 years ago, but for Thomas Gesk it is like reliving, day in and day out, a part of history.

► Since 1990 the explosives expert has defused more than 500 bombs for Hanover's regional government bomb disposal unit (KBD) – every one weighing at least 50 kilograms. 3 tonnes of munitions are disposed of every week throughout Germany.

The challenge.

► The KBD group operates throughout most of Lower Saxony. They are generally called in by the Police or by construction companies who have discovered something on a construction site.

"In addition to the all-important off-road capability, we are also mobile, fast and flexible over the long distances we have to travel from one destination to another."

Explosives expert Thomas Gesk, Hanover

► When a bomb alert is issued, the group first sends out a survey crew. The crew initially clarifies the situation at the location. Then it's time for explosives expert, Gesk, and his team to get down to business at the site, drilling, searching - and to recover the bomb safely.

The solution.

► It's clearly not a job for a person with weak nerves. In fact it's a job for an implicitly reliable heavy-duty vehicle. A vehicle like the Unimog.



Explosives expert Thomas Gesk discusses the next stage of a bomb investigation with one of his staff members.

► A total of 4 Unimogs are currently in action by the KBD, and the satisfaction level with the vehicles from Wörth are extremely high. "The predecessor of our U 5000, a U 1000, was in service for 21 years. We always found it to be the ideal vehicle", explains Thomas Gesk.

► Our "explosive heritage" lurks everywhere – in open fields, in parks or in residential areas, even in water. These diverse environments require a vehicle which is not only extremely capable of off-roading but is also flexible in terms of superstructures and attachments. "The Unimog U 5000 vehicle concept offers me all the functional alternatives that I need. Transporting even trailers or boats are of no problem" says Gesk.

The result.

► "His Unimog" has an Ematec M 213 loader mounted on the chassis frame. Its major advantage is the rear excavator that can dig to depths of up to 8 meters. It is used in conjunction with a specialist probe that indicates the depth at which

► Thomas Gesk knows what he is talking about: "Bomb disposal is a dangerous and difficult job. The best is just good enough. And when it comes to flexibility, mobility and reliability the Unimog U5000 bears no comparison."



Unimog U 5000 with Ematec M 213 loader: an essential part of the bomb disposal unit.

the bomb is located via a soil protocol. In real-time operation they are able to get information about how close the excavator is to the bomb. For Gesk and his men, this is life-preserving information. Even the slightest vibration or contact can be enough to trigger the bomb.

► Thomas Gesk's territory stretches from the German Harz Mountains to the North Sea coast. He therefore needs a vehicle that not only performs well on site but also on the way there. Like the Unimog U 5000. It can effortlessly reach transport speeds of up to 85 km/h, thereby overcoming even long distances in a short time - on both motorways and country roads.

Unimog benefits at a glance.

- **Maximum off-road capability:**
good ground clearance thanks to portal axle construction, up to 100 percent climbing ability, permanent all-wheel drive, differential lock, single tyres, tyre pressure monitoring system, fording capability up to 1,20 m
- **minimum service and repair outlay:**
long service life of all aggregates, long service intervals, long service life of all components

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