



“I chose the Unimog because it strengthens my market position. I can take full advantage of the four attachment points to optimise operations all year round.”

Achim Rosinsky, construction contractor

Roadside work presents an increasingly difficult challenge for municipal authorities since staff and machinery are maxed out. Plus the budgets are ever decreasing, almost non-existent. The Unimog U 500 is the perfect solution - thanks to six different implement options. This all-in-one, specially designed workhorse covers the entire - construction of the road shoulders - process chain including the clean-up.



Mercedes-Benz



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The customer.

► Achim Rosinky, a young businessman based in Winsen, Germany, offers a wide range of specialist construction and municipal services, including snow and ice removal, street cleaning, grading and general construction.

► Rosinsky coordinates his fleet of vehicles from his “off-road” mobile office, driving directly to the construction site to meet with customers in person, answer questions and resolve any issues that arise.

► Rosinsky’s 27-vehicle fleet includes a variety of specialist vehicles ranging from a narrow-track implement carrier to a heavy-duty flatbed tractor-trailer with a 62-ton payload. But his pièce de résistance is the Unimog fleet, comprising of the U 500, U 1700 L, U 406, U 140 and U 90 models.

The Unimog advantage.

- VarioPilot® transferable steering
- Up to four attachment areas for unsurpassed versatility
- Unmatched cost-efficiencies due to one-man operation

The challenge.

► Roadside work (such as constructing shoulders and verges) is costly, both in terms of manpower and the machinery required for each individual step. It’s no easy task for municipal authorities on fast-dwindling budgets.

The solution.

► Achim Rosinky had the clever idea of streamlining roadside work with a multitasking Unimog. He teamed up with Alfred Söder, a Unimog-compatible system partner based in Bavaria, Germany.



Putting in a road shoulder is as easy as 1-2-3: Build it ...

► The two companies developed a fully integrated system that far exceeded the capabilities of existing machines. They equipped a Unimog U 500 with six different implements. This single vehicle enables Rosinsky to lay up to 1,500 tons of material (such as asphalt, gravel, mineral aggregate or top soil) at any road level in one step.



... compact it ...

► It couldn’t be easier. The Unimog U 500 moves along the roadside with thrust rollers installed on the front for pushing the truck and the semi-trailer tipper that carries the material.

The result.

Attached to the right-hand side is a shoulder layer, an Ammann compactor plate and, if a grass surface is desired, a seeder. The rear of the Unimog U 500 has a sweeper that immediately cleans up the dirt and debris from the site.



... clean it up.

► Unimog VarioPilot® transferable steering makes roadside work even easier. In one step, the driver can shift the steering wheel and pedals from the left to the right-hand side of the vehicle. Depending on the task at hand, the driver can thus choose whether to operate the equipment as usual from the left side of the Unimog U 500 or from the right.

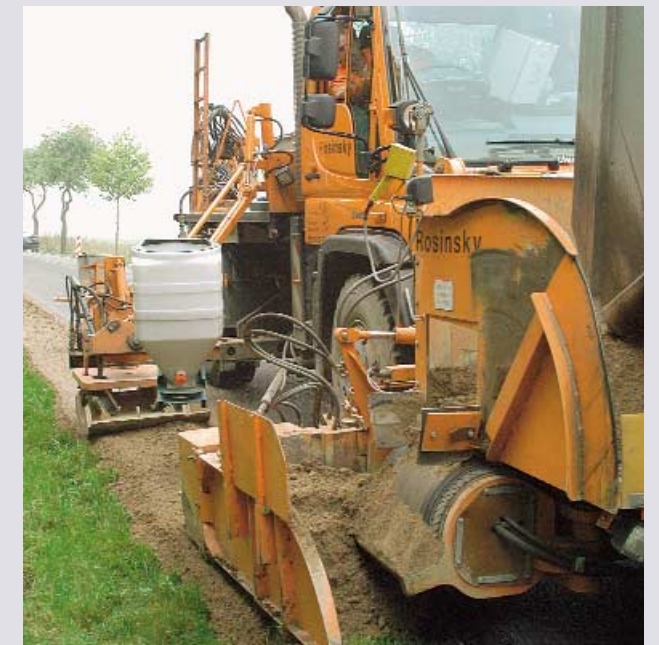
“The Unimog U 500 not only leaves behind a perfectly groomed road shoulder, but also a clean roadway.”

Achim Rosinsky, construction contractor, Winsen Germany

► VarioPilot® also greatly enhances operator safety because the driver can exit the Unimog U 500 on the shoulder side – away from traffic. In addition, air conditioning, which is fitted as standard equipment, ensures a comfortable cab all year round.

► Once the work site has been cleared, you would never guess that the neat stretch of road was a motoring hazard just a few hours previously. The soft underground has been replaced with a secure shoulder that ensures a smooth transition between the road and roadside.

► Rosinsky managed to develop a solution that is safe, clean, fast and, above all, extremely cost-effective. “My reason for choosing Unimog U 500 is simple: it strengthens my market position. I can take full advantage of the four attachment points to optimise operations all year round.”



The Unimog U 500 not only carries the entire suite an array implements, it also pushes a truck and semi-trailer tipper ahead of it.

► Discover more Unimog-Profiles by visiting our website www.mercedes-benz.com/unimog