

Life Support Unit

REYM is an industrial service provider. We support our customers in the field of industrial cleaning, transport and waste management, always acting from our mission 'Industrial Services our concern' and driven by our core values.



A development in the area of security is the new Life Support Unit (LSU). The truck, with its unique exterior, has been developed specifically for working in extreme conditions, such as working in inert atmospheres, catalyst changes and when descending into reactors. Using the latest camera technology, our employees can be closely monitored when working in tanks.

LSU is fully equipped with digital monitoring equipment and is able to provide our employees with Life Support in the literal sense under the most extreme circumstances.

The double breathing air lines ensure that employees have fully independent respiratory protection. At the same time, the system is equipped with video/audio monitoring, oxygen consumption measurement, integrated communication tools and a fully equipped decontamination unit.

This unit is equipped with rescue and evacuation equipment and gas detection systems. Furthermore, the unit is equipped with an internal harness, so that when entering and leaving the object to be cleaned, there is no risk of hooking or crushing the object.

If you would like more information, please contact one of the REYM branches in your region.

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Some technical data:

- Breathing air supply by low pressure compressor: Inlet air is controlled by CO, H₂S, CH₄ and O₂ sensors
- Backup cylinders of battery, capacity 4 x 50 litres; 200 bar
- Connection of external second breathing air battery. This device serves as a replacement for the low-pressure compressor if the atmosphere of the outside air is not 100% safe
- Emergency cylinder device completely independent of the LSU (2 litres, 300 bar) integrated in the harness
- Ex proof camera including recording equipment and DVD burner. Monitoring in control room on screen
- Continuous O₂ (6 pieces) and CH₄ (6 pieces) sensors
- Continuous LEL measurement
- Cable length 100 metres
- Values are read in the control room