

Fact Sheet UniVan

telelift
SIMPLIFYING INTRALOGISTICS



Welcome to the Future of Hospital Logistics with UniVan – Your Intelligent, Autonomous Transport System

UniVan sets a new benchmark in hospital logistics automation. As an advanced mobile robot, functioning as both an Automated Guided Vehicle (AGV) and an Automated Mobile Robot (AMR), UniVan navigates independently through complex building environments. Thanks to cutting-edge laser scanning technology, it requires no costly installations on floors, walls, or ceilings, providing you with maximum flexibility and seamless integration into your existing infrastructure.

Maximum Efficiency, Minimal Effort

- Takes over time-consuming & physically demanding transportation tasks
- Increased process efficiency
- Valuable working time and resources are optimally utilized

Smart Safety for Humans and Machines

- 360° safety scanner and precise 3D object detection for maximum safety
- Real-time detection of people and obstacles for autonomous navigation in busy environments
- Dynamic adaptation to the environment for smooth everyday processes

UniVan – The Smart Revolution for Your Logistics

Take the next step into the future and experience how UniVan is revolutionizing hospital logistics. Its advanced technologies and adaptive intelligence transform your logistics into a continuously optimized, fully automated process – efficient, safe, and forward-thinking.

Efficient transport logistics to wards in the hospital:

The UniVan ensures efficient supply of materials in the hospital and takes over daily transport tasks such as the transportation of:

- Meals
- Medication
- Medical accessories & sterile goods
- Laundry
- Documents
- Waste
- Storage

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Transport weight and Key data:



max. 500 kg
Nominal load capacity



1.460 mm x 600 mm x 240 mm
Dimensions



80 mm
Lift height



IP 54
Protection class



max. 2,0 m/s
Speed without payload



lithium-ion
Batterytype



UniVan with container



UniVan lifted

Benefits

- Intelligent navigation
- High level of safety
- Maximum payload
- High speed of up to 2 m/s
- Intelligent charging management
- flexible operation in all directions