

NEXT GENERATION: UNIVERSA 55 WS

COMPACT CARRIER VEHICLE FOR VARIOUS SUPERSTRUCTURES



The machine is the successor of the proven UNI 50-3 and can be also customized with a high variety of options and different devices. This generation is in its standard version already equipped with a wide range of features and improvements.

HIGHLIGHTS

- Sophisticated modular design: Pre-assembled modules with intelligent interfaces (connections) make it easier to take customer requirements into account.
- Wide range of quick interchangeable cassettes for more flexibility underground: The vehicle can be equipped with different cassettes for transporting people or material.
- The front axle suspension system makes driving much more comfortable and safe.
- Spacious, comfortable cab with three suspended seats: The cabin is rubber-cushioned mounted and insulated from noise and temperature.
- Better access for service and maintenance: Hydraulic and electric components are separated, water/dust protected in designated areas.

KEY DATA*

KEY DATA*	UNIVERSA 55 WS
Payload	10 t / 22,047 lbs
Machine Dimensions (width x height x length)	2,000 x 2,200 x 7,700 mm / 79 x 87 x 304"
Suitable for Gallery Size	2.5 x 2.5 m / 99 x 99"
Operating Weight	9 t / 19,842 lbs
Engine Variants	DEUTZ, Mercedes Benz, Caterpillar, Cummins
Engine Power	max. 129 kW / 172 hp
Turning Radius (outside/inside)	6,550 / 4,000 mm 258 / 158"

*Depending on selected configuration

Sophisticated modular design:
Simple assembly of the main
units and components

The main components
of the hydraulic system
are concentrated in
easily accessible places

Interchangeable cassettes:
Large selection of cassettes for
various purposes available

Spacious cab with good
all-round visibility for
three people

Suspended front axle



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PRODUCT DETAILS



- Articulated chassis
- Hydraulically driven lifting frame integrated in the rear vehicle frame with quick-release fasteners for secure attachment of various interchangeable cassettes (Paus Quick Change System)
- Ease of maintenance and service:
 - Improved access to main components and filters on the right side
 - All electrics are above the cab floor
 - Batteries are located above the front wheel
- Comfortable ROPS + FOPS cab design: The controls are conveniently located, the large display is centrally located, the cabin is noise and temperature insulated and offers a good all-round visibility. In addition, +the following options are available:
 - Radio with Bluetooth and USB
 - Safety belt monitoring
 - Automatic parking brake
 - Starting the engine with biometric fingerprint
 - Collision warning
 - Dead Man's Switch

- Onboard diagnostics
 - Display of operational data of drive line like sensors, actuators, etc.
 - Diagnosis of active faults and fault history plus Paus Connect

PAUS CONNECT CLOUD

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|---|------------------------------------|---|--|
|  | Realtime Monitoring |  | User Administration |
|  | Diagnoses Monitoring |  | Acceleration Sensors |
|  | Geofencing |  | Connectivity |
|  | Machine Operation Approval |  | Capacity for Extensions & Integrations |
|  | Statistical Analysis of Operations |  | Retrofit Option |

