

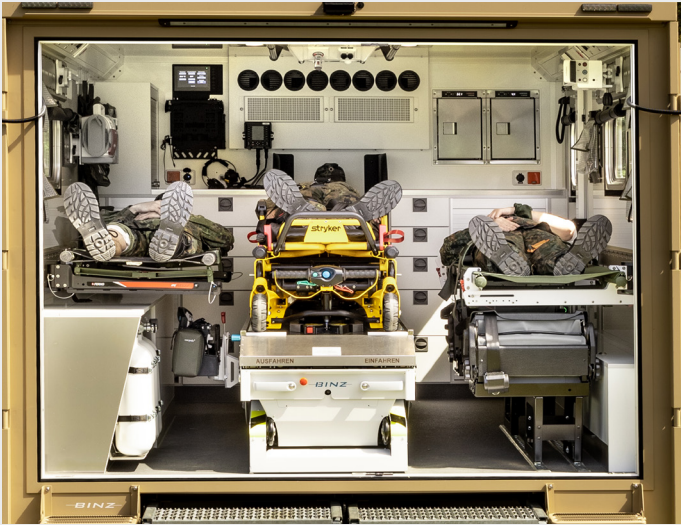
KrKw 2.0 - The new generation



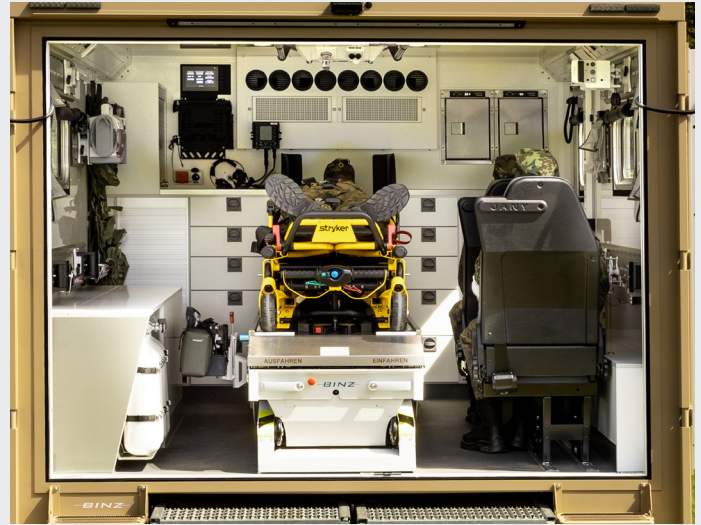
- **Transport for up to 4 persons**
- **High-terrain capability**
- **Increased wading capacity 1.200 mm**
- **Interoperability between Load&Go and intensive care concept**
- **Full electric BINZ-DCK stretcher loading system**
- **IR camouflage light according to VG 96945-06**
- **Puncture protection according to police guidelines**

BINZ
Life Saving Technology

Multifunctional adaptability (low-care/intermediate-care)



Transport of 3 patients lying down



2 patients lying down, 2 seated

With this vehicle, BINZ is building on the proven heavily motorised ambulance concept and has adapted it to current civilian and tactical conditions. The primary goal is and remains reliable, high-quality support for the support of the emergency services. The vehicle is designed for various patient constellations. Three patients can be transported lying down or otherwise two patients lying down and two sitting up. Thanks to the intelligent use of well-proven and tested rail systems, the vehicle can be quickly adapted and converted for different purposes. Due to keyword of interoperability: The transformation from a Load&Go-concept to an intensive care variant of the “UVTgI” (unarmored all-terrain intensive care ambulance vehicle) can be implemented within a few minutes. The same applies vice versa.

A fully electric BINZ-DCK stretcher loading system in accordance with DIN EN 1789, LED interior lighting with optional UVC disinfection lighting and an INTRAXX perforated rail system for flexible mounting of various devices are also part of the set-up. The camouflage light circuit complies with the requirements for IR camouflage lights according to VG 96945-06. The camouflage brake and tail lights have visible and IR camouflage lights. The vehicle is air-loadable for Boeing CH-47F Block II. This allows a multiflexible operational readiness from Load&Go to a “San variant UVTgI” (unarmored all-terrain ambulance vehicle) within a few minutes.

Quick conversion to multi-support transport with INTRAXX system:



Data on box body

Aluminium sandwich body with 40 mm foam core

2 mm aluminium cover layer outside and inside

Integrated stone throwing and puncture protection according to technical guideline "Puncture protection for police vehicles" (German "TR DuStiSchPolFz")

Lashing possibility for additional material on the roof of the superstructure

BINZ power management system - powered by THALES - with 4 additional batteries à 100 Ah

Rettbox One outdoor supply with compressed air storage supply

Combined air conditioner 12 kW heating / 11 kW cooling capacity with fresh air intake and dust/sand-filter

Fully electric BINZ-DCK stretcher loading system according to DIN EN 1789

LED interior lighting with optional UV-C disinfection system

INTRAXX perforated rail system for flexible mounting of various devices

IR camouflage light circuit according to VG 96945-06 (visible camouflage light, IR near and far range, IR dimming)

Camouflage brake and tail light with visible and IR camouflage light

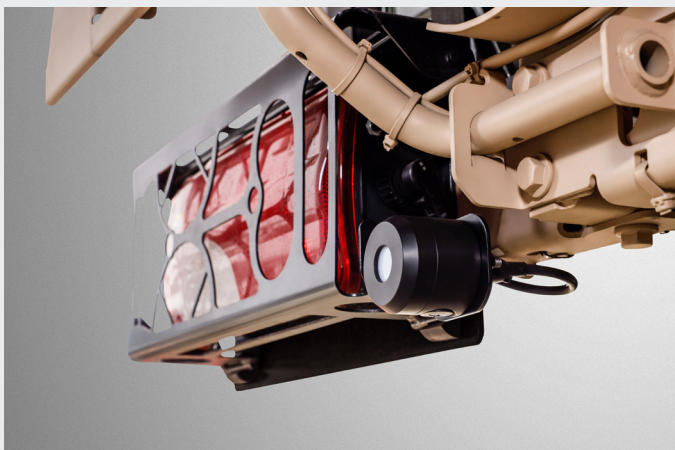
Air-loadable for Boeing CH-47F Block II

Interoperability of Load&Go to the Intensive Care Ambulance UVTgl within a few minutes

Large controls with optimal haptics



IR camouflage light according to VG 96945-06 (rear and front)





The aluminium sandwich body has a 40 mm foam core, which is protected with 2 mm thick covering layers of aluminium on the inside and outside. The body complies with the technical guideline "Puncture protection for police vehicles" (German "TR DuStiSchPolFz") and has an additional lashing option for extra material on the roof. The BINZ power management system is equipped with 4 additional batteries à 100 Ah and the RettBox One external feed is connected to the compressed air storage of the carrier vehicle. A combined air conditioning system with 12 kW heating and 11 kW cooling capacity as well as fresh air intake and dust/sand-filter ensures a pleasant climate in the vehicle.

Carrier vehicle data

Daimler Truck AG Unimog optional U5023 4x4 or U4023 4x4

Wheelbase: 3.850 mm

Permissible total weight: 13.000 kg

Engine power: 170 kW (231 PS) Euro 6E

High-terrain capability, differential locks on front and rear axle

Full synchronous reversing gearbox with 8 forward gears / 6 reverse gears

Portal axles with coil springs (progressive)

Torsion-free tubular ladder frame / 3-point vibration damped

240 l steel petrol tank for approx. 700 km of range

Increased wading capacity 1.200 mm according to technical guideline STANAG 2805

Tyre pressure control system