

VOLAT

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MINSK WHEEL TRACTOR PLANT



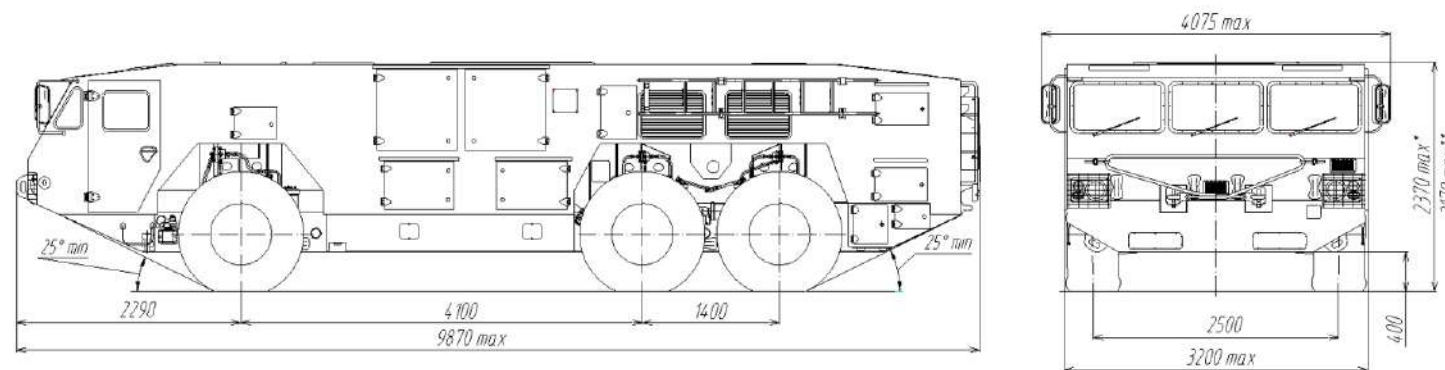
BOX-TYPE CHASSIS FAMILY
MZKT-6922

VEHICLES OVERCOMING ALL OBSTACLES

BOX-TYPE CHASSIS FAMILY

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SPECIFICATIONS



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PERFORMANCE DATA

Wheel drive	6x6
Max. speed, km/h	65
Gradeability, %	58
Vertical step, mm	300
Side slope, %	84
Turning radius, m	13,5
Fording depth, m	1,2
Trench width, m	1
Fuel tank capacity, l	530+200
Cruising range, km	840
Operating temperature, °C	-40 ... +50
Air transportable	IL-76, An-124, An-22
	C130, A400M, C-5, C-17

WEIGHT DATA

Curb chassis weight, kg	22 000
Payload, kg	up to 14 000
Gross vehicle weight, kg	up to 36 000
Permissible weight on axles, kg	3x12 000
1-3 axles	

ENGINE

Number and location of cylinders	V8
Power	309 kW (420 h.p.) at 1 900 min ⁻¹
Max. torque	1 766 Nm

TRANSMISSION

Type	automatic
Model	MZKT-4361
Number of gears	5 forward, 1 reverse
Gear ratio	4.15-0.73

TRANSFER CASE

2-speed

DRIVING AXLES

Split, with central reduction gears, interaxle and cross-axle differential lock
1st axle - steered

AXLE SUSPENSION

1st, 2nd and 3rd axles - independent hydropneumatic
Adjustable clearance

STEERING SYSTEM

Left-hand drive
Hydraulic power assisted

BRAKE SYSTEM

Drum brakes of shoe-type with pneumatic drive
Engine break

TYRES

525/70R21, offroad protector
Central tyre inflation system (CTIS)

BODY

Full-metall welded
Integrated frame
Consists of 3-4 compartments: control, operational, equipment and engine
Control compartment with 2-3 doors and 4-8 seats
Equipped with ventilation, heating and air-condition systems

ELECTRICAL EQUIPMENT

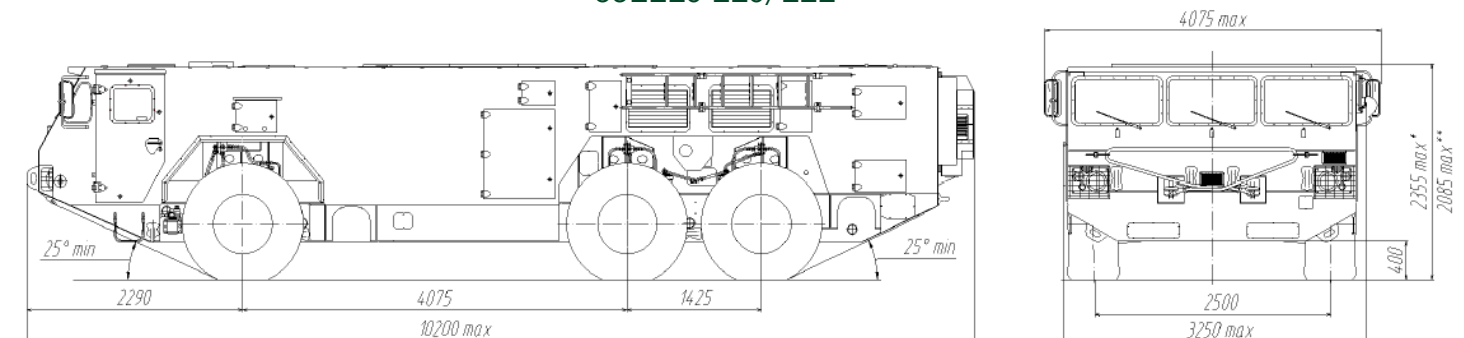
Nominal voltage 24 V
Single-wire, screened
Batteries 2x190 Ah

SPECIAL EQUIPMENT

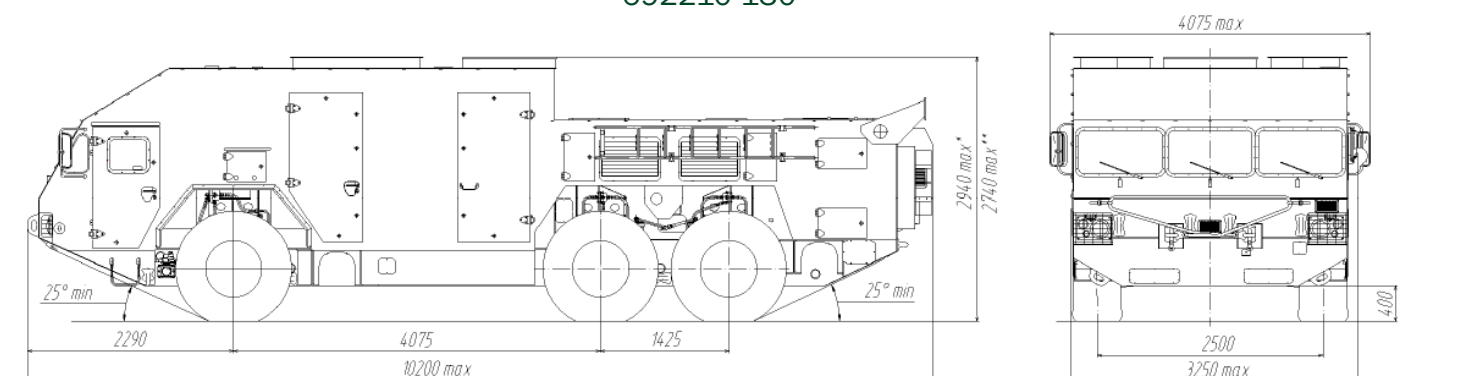
Onboard information and control system
Automatic fire extinguishing system in equipment and engine compartments
Wheel blocks (2 pcs.)
Portable fire extinguishers OU-2 (3 pcs.)
Towing cable
SPTA set (single)

Family of highly-unified box-type chassis MZKT-6922 is intended for mounting and transporting of special equipment on all kinds of roads and terrains. Common base chassis allows to considerably simplify operation, maintenance, repair, reduces range of spare parts and number of maintenance staff

692210-110/111



692210-130



692210-131

