

VOLAT



BOX-TYPE CHASSIS MZKT-692250

VEHICLES OVERCOMING ALL OBSTACLES

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SPECIFICATIONS

PERFORMANCE DATA

Wheel drive	8x8
Max. speed, km/h	60
Gradeability, %	58
Vertical step, mm	300
Side slope, %	84
Turning radius, m	13
Fording depth, m	1,2
Trench width, m	1,7
Fuel tank capacity, l	530
Cruising range, km	700
Operating temperature, °C	-40 ... +50
Air transportable	IL-76, An-124, An-22 A400M, C-5, C-17

WEIGHT DATA

Curb chassis weight, kg	25 000
Payload, kg	17 000
Gross vehicle weight, kg	42 000
Permissible weight on axles, kg	
1-2 axles	20 600
3-4 axles	21 400

ENGINE

Number and location of cylinders	V8
Power	368 kW (500 h.p.) at 2 100 min ⁻¹
Max. torque	1 960 Nm at 1 200...1 400 min ⁻¹

TRANSMISSION

Type	automatic
Model	MZKT-5561
Number of gears	6 forward, 1 reverse
Gear ratio	4.4-0.65; R 4.95

TRANSFER CASE

2-speed

DRIVING AXLES

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

AXLE SUSPENSION

Independent hydropneumatic
Adjustable clearance

STEERING SYSTEM

Left-hand drive
Hydraulic power assisted
1st and 2nd axles - steered

BRAKE SYSTEM

Drum brakes of shoe-type with pneumatic drive
Dual-circuit system

TYRES

16.00R20, offroad protector
Central tyre inflation system (CTIS)

BODY

Full-metal welded
Integrated frame
Consists of 3 compartments: control, equipment and engine
Control compartment is armored (level Br3 according to GOST R 50963-96 adj.4) with 2 doors
Equipped with ventilation, heating and air-condition systems
Blast absorbing driver seat

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
Portable fire extinguishers OU-2 (3 pcs.)
Automatic lubrication system of flexible couplings of steering and suspension
SPTA set (single)

