

VOLAT



**BOX-TYPE CHASSIS
MZKT-69225 1**

VEHICLES OVERCOMING ALL OBSTACLES

BOX-TYPE CHASSIS

MZKT-692251

SPECIFICATIONS

PERFORMANCE DATA

Wheel drive	6x6
Max. speed, km/h	75
Gradeability, %	60
Vertical step, mm	300
Side slope, %	84
Turning radius, m	13
Fording depth, m	1,2
Trench width, m	0,8
Fuel tank capacity, l	530
Cruising range, km	800
Operating temperature, °C	-40 ... +50
Air transportable	IL-76, An-124, An-22 A400M, C-5, C-17

WEIGHT DATA

Curb chassis weight, kg	23 000
Payload, kg	7 000
Gross vehicle weight, kg	30 000
Permissible weight on axles, kg	
1 axle	10 000
2-3 axles	20 000

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 differentials

AXLE SUSPENSION

Independent hydropneumatic
Adjustable clearance

STEERING SYSTEM

Left-hand drive
Hydraulic power assisted
1st axle - 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 3 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 engine compartment
Portable fire extinguishers OU-2 (3 pcs.)
Automatic lubrication system of flexible couplings of steering and suspension
SPTA set (single)

