

VOLAT



TRUCK CHASSIS

MZKT-600500-020

VEHICLES OVERCOMING ALL OBSTACLES

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SPECIFICATIONS

PERFORMANCE DATA

Wheel drive	6x6
Max. speed, km/h	85
Gradeability, %	60
Turning radius, m	14,5
Fording depth, m	1
Trench width, m	0,9
Fuel tank capacity, l	300
Cruising range, km	630
Operating temperature, °C	-40 ... +45
Air transportable	ИЛ-76, АН-124, АН-22 С130, А400М, С-5, С-17

WEIGHT DATA

Curb vehicle weight, kg	12 900
Payload, kg	18 300
Gross vehicle weight, kg	31 200
Permissible weight on axles, kg	
1 axle	10 000
2-3 axles	2x10 600

ENGINE

Number and location of cylinders	V8
Power	294 kW (400 h.p.) at 1 900 min ⁻¹
Max. torque	1 715 min ⁻¹

TRANSMISSION

Type	manual
Number of gears	9 forward, 1 reverse
Gear ratio	10.08-0.788; R9.55

TRANSFER CASE

2-speed, lockable interaxle differential, PTO option

DRIVING AXLES

Rigid, with central reduction gears, cross-axle differential lock

AXLE SUSPENSION

1st axle - dependent leaf-spring
2nd and 3rd axles - dependent spring-balanced

STEERING SYSTEM

Left-hand drive
Hydraulic power assisted
1st axle - steered

BRAKE SYSTEM

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

TYRES

16.00R20, offroad protector
Number of wheels - 6+1
Central tyre inflation system (CTIS)

FRAME

Longitudinal
Equipped with front and rear towing units

CAB

3-seat metallic framework, tilted
Equipped with ventilation and heating systems
Roof hatch

ELECTRICAL EQUIPMENT

Nominal voltage 24 V
Single-wire
Batteries 2x190 Ah

OPTIONAL EQUIPMENT

Engine liquid heater
Brackets for personnel weapons
Autonomous cabin heater
Air conditioner

