

VOLAT



LOGISTIC SUPPORT VEHICLE
MZKT-600203

VEHICLES OVERCOMING ALL OBSTACLES

LOGISTIC SUPPORT VEHICLE

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SPECIFICATIONS

PERFORMANCE DATA

Wheel drive	8x8
Max. speed, km/h	105
Gradeability, %	60
Vertical step, mm	400
Side slope, %	60
Turning radius, m	11,1
Fording depth, m	1,5
Trench width, m	1
Fuel tank capacity, l	2x300
Cruising range, km	830
Operating temperature, °C	-40 ... +55
Air transportable	IL-76, An-124, AN-22 C130, A400M, C-5, C-17

WEIGHT DATA

Curb vehicle weight, kg	18 900
Payload, kg	15 500
Gross vehicle weight, kg	34 400
Permissible weight on axles, kg	
1st and 2nd axles	2x8 120
3rd and 4th axles	2x9 080

ENGINE

Number and location of cylinders	L6
Power	388 kW (520 h.p.) at 2 100 min ⁻¹
Max. torque	2 216 Nm at 1 400 min ⁻¹

TRANSMISSION

Type	automatic
Number of gears	6 forward, 1 reverse
Gear ratio	4.7-0.67; R5.55

TRANSFER CASE

2-speed, lockable interaxle differential

DRIVING AXLES

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

AXLE SUSPENSION

1st-4th axles - independent coil-spring

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, ABS

TYRES

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

FRAME

Longitudinal
Equipped with front and rear towing units

CAB

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

CARGO PLATFORM

Tarp covered, equipped with windows and ventilation valves
Folding benches for 20 person

ELECTRICAL EQUIPMENT

Nominal voltage 24 V
Single-wire
Batteries 2x180 Ah

WINCH

Electrical
Max. pulling capacity 88.3 kN
Rope length 30 m

