

VOLAT



LOGISTIC SUPPORT VEHICLE

MZKT-600103

VEHICLES OVERCOMING ALL OBSTACLES

LOGISTIC SUPPORT VEHICLE

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SPECIFICATIONS

PERFORMANCE DATA

Wheel drive	6x6
Max. speed, km/h	105
Gradeability, %	60
Vertical step, mm	400
Side slope, %	60
Turning radius, m	10
Fording depth, m	1,5
Trench width, m	0,8
Fuel tank capacity, l	2x300
Cruising range, km	1 000
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	16 100
Payload, kg	8 700
Gross vehicle weight, kg	24 800
Permissible weight on axles, kg	
1-3 axles	3x8 300

ENGINE

Number and location of cylinders	L6
Power	328 kW (440 h.p.) at 2 100 min ⁻¹
Max. torque	2 011 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, PTO option

DRIVING AXLES

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

AXLE SUSPENSION

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

STEERING SYSTEM

Left-hand drive
Hydraulic power assisted
1st axle - 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 18 person

ELECTRICAL EQUIPMENT

Nominal voltage 24 V
Single-wire
Batteries 2x180 Ah

WINCH

Electrical
Max. pulling capacity 88.3 kN
Rope length 30 m

