

VOLAT

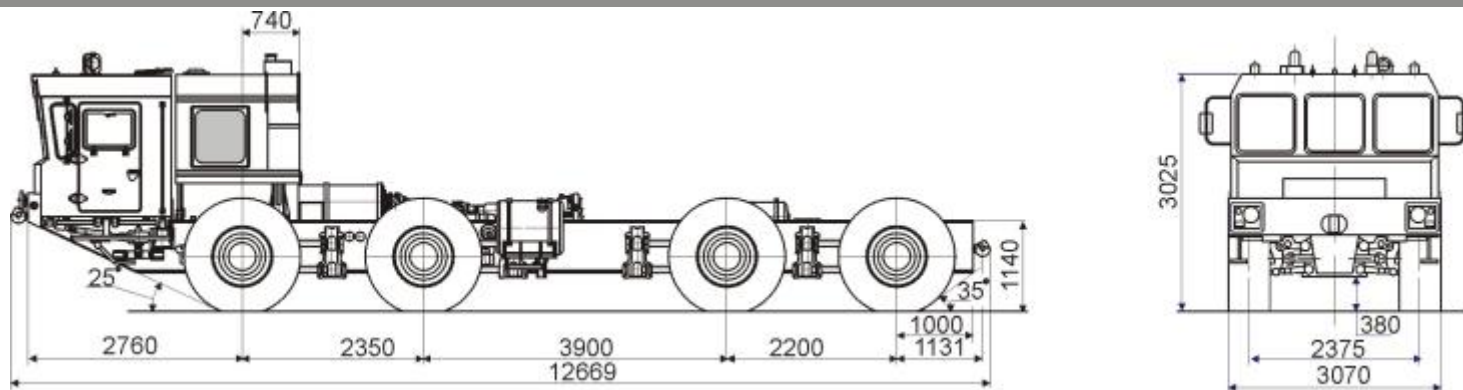


TRUCK CHASSIS
MZKT-7930-300

V E H I C L E S O V E R C O M I N G A L L O B S T A C L E S

TRUCK CHASSIS MZKT-7930-300

VOLAT



SPECIFICATIONS

PERFORMANCE DATA

Wheel drive	8x8
Max. speed, km/h	70
Gradeability, %	60
Vertical step, mm	400
Side slope, %	83
Turning radius, m	15
Fording depth, m	1,4
Trench width, m	2
Fuel tank capacity, l	2x385
Cruising range, km	1 000
Operating temperature, °C	-45 ... +50
Air transportable	IL-76, An-124, An-22 C130, A400M, C-5, C-17

WEIGHT DATA

Curb chassis weight, kg	20 800
Payload, kg	22 200
Gross vehicle weight, kg	43 300
Permissible weight on axles, kg	
1st and 2nd axles	2x10 325
3rd and 4th axles	2x11 325

ENGINE

Model	TMZ-8493.10
Number and location of cylinders	V8
Power	368 kW (500 h.p.) at 2 100 min ⁻¹
Max. torque	1 960 Nm at 1 400 min ⁻¹

TRANSMISSION

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

TRANSFER CASE

2-speed, lockable inter-bogie differential

DRIVING AXLES

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

AXLE SUSPENSION

1st-4th axles - independent torsion bar

STEERING SYSTEM

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

BRAKE SYSTEM

Drum brakes of shoe-type with air-hydraulic drive
Dual-circuit system

TYRES

1500x600-635, offroad protector
Central tyre inflation system (CTIS)

FRAME

Longitudinal
Equipped with front and rear towing units

CAB

3-seat fiberglass
Equipped with ventilation and heating systems

ELECTRICAL EQUIPMENT

Nominal voltage 24 V
Single-wire
Batteries 4x190 Ah