

VOLAT



TRUCK CHASSIS

MZKT-700400-011

VEHICLES OVERCOMING ALL OBSTACLES

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SPECIFICATIONS

PERFORMANCE DATA

Wheel drive	10x8
Max. speed, km/h	47
Turning radius, m	21
Fuel tank capacity, l	2x350

WEIGHT DATA

Curb chassis weight, kg	21 000
Gross vehicle weight, kg	61 000
Permissible weight on axles, kg	
1st and 2nd	2x11 000
3rd, 4th and 5th	3x13 000
Payload, kg	40 000

ENGINE

Number and location of cylinders	V8
Max. power	345,5 kW (470 h.p.) at 2 100 min ⁻¹
Max. torque	1 860 Nm

TRANSMISSION

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

TRANSFER CASE

2-speed, with differential lock

AXLES

Rigid, with central reduction gears, interaxle and cross-axle differential lock
1st and 2nd axles - steered

AXLE SUSPENSION

1st and 2nd axles - dependent leaf-spring
3th, 4th and 5th axles - dependent hydrobalanced

BRAKE SYSTEM

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

TYRES

16.00R20, universal protector
Central tyre inflation system (CTIS)
Number of wheels - 10+1

FRAME

Longitudinal
Equipped with front and rear towing units

CAB

2-seat full-metall
Equipped with ventilation and heating systems

ELECTRICAL EQUIPMENT

Nominal voltage 24V
Single-wire
Batteries 2x190 Ah

* Specifications can be clarified in the process of improving the design

