

**VOLAT**



TRUCK CHASSIS

**MZKT-750004-010-01**

VEHICLES OVERCOMING ALL OBSTACLES

# TRUCK CHASSIS

## MZKT-750004-010-01

### SPECIFICATIONS

#### PERFORMANCE DATA

Wheel drive	8x8
Max. speed, km/h	60
Turning radius, m	18,5
Fuel tank capacity, l	500

#### WEIGHT DATA

Curb vehicle data, kg	16 300
Gross vehicle weight, kg	46 000
Permissible weight on axles, kg	
on 1-2 axles	2x10 000
on 3-4 axles	2x13 000
Weight of mounted equipment, kg	29 700

#### ENGINE

Ecology	EURO-V
Number and location of cylinders	L6
Max. power	308,8 kW (420 h.p.) at 1900 min <sup>-1</sup>
Max. torque	1 985 Nm at 1100-1300 min <sup>-1</sup>

#### CLUTCH

Single-disc

#### TRANSMISSION

Type	manual
Model	MZKT
Number of gears	9 forward, 1 reverse
Gear ratio	10.08-0.79; R9.55

#### DRIVING 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  
3rd and 4th axles - dependent spring-balanced

#### BRAKE SYSTEM

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

#### TYRES

16.00R20, offroad  
Central tyre inflation system (CTIS)  
Single wheels  
Number of wheels - 8+1

#### FRAME

Longitudinal  
Equipped with two front and one rear towing units, rear protection unit

#### CAB

2-seat full-metal  
Equipped with ventilation and heating systems  
Driver and passenger seats - air-suspended

#### ELECTRICAL EQUIPMENT

Nominal voltage 24V  
Single-wire  
Batteries 2x190 Ah

#### OPTIONS

Liquid engine heater  
Battery container with heating  
Autonomous cab heater  
Air-conditioner

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

