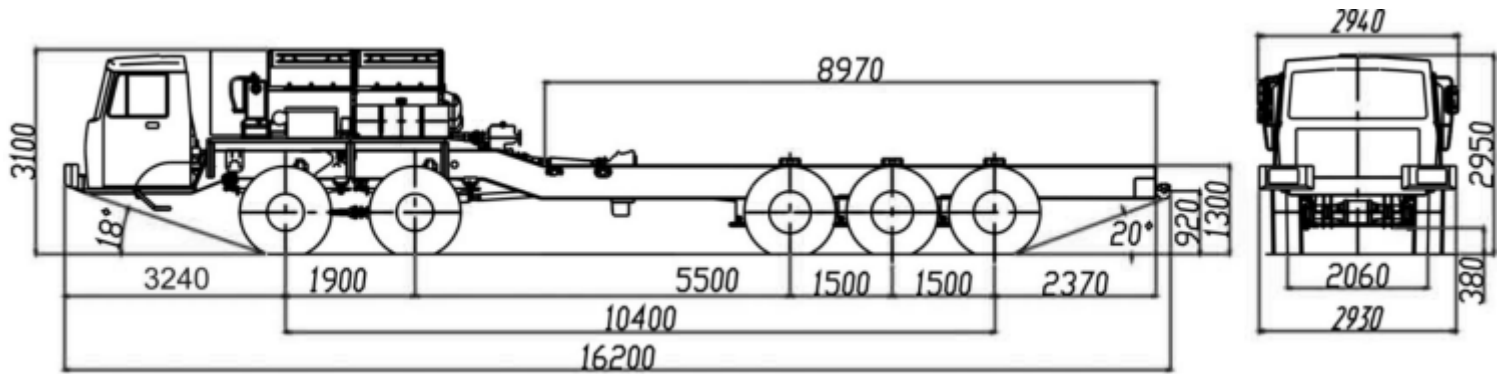


# VOLAT



TRUCK CHASSIS  
MZKT-700400

VEHICLES OVERCOMING ALL OBSTACLES



## SPECIFICATIONS

### PERFORMANCE DATA

Wheel drive	10x8
Max. speed, km/h	47
Turning radius, m	20
Fuel tank capacity, l	700

### 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

Model	Caterpillar C15 ACERT
Number and location of cylinders	L6
Max. power	354 kW (482 h.p.) at 2 100 min <sup>-1</sup>
Max. torque	2 176 Nm at 1 400 min <sup>-1</sup>

### TRANSMISSION

Type	automatic
Model	Allison 4700 OFS
Number of gears	6 forward, 1 reverse
Gear ratio	7.63-0.64 R5.55

### TRANSFER CASE

2-speed, with differential lock

### 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  
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