

**VOLAT**



CRANE CHASSIS  
**MZKT-750003**

VEHICLES OVERCOMING ALL OBSTACLES

# CRANE CHASSIS MZKT-750003

## SPECIFICATIONS

### PERFORMANCE DATA

Wheel drive	8x4
Max. speed, km/h	70
Turning radius, m	14,5
Fuel tank capacity, l	350

### WEIGHT DATA

Curb vehicle data, kg	12 200
Gross vehicle weight, kg	45 400
Permissible weight on axles, kg	
on 1-2 axles	2x9 600
on 3-4 axles	2x13 100
Weight of mounted equipment, kg	33 000

### 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	2 000 Nm at 1100-1300 min <sup>-1</sup>

### CLUTCH

Single-disc

### TRANSMISSION

Type	manual
Number of gears	9 forward, 1 reverse
Gear ratio	13.96-0.73; R13.96

### DRIVING AXLES

3rd and 4th 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

Front axles - 385/65R22.5  
Number of wheels - 4  
Rear axles - 315/80R22.5  
Number of wheels - 8+1

### FRAME

Longitudinal

### CAB

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

### ELECTRICAL EQUIPMENT

Nominal voltage 24V  
Single-wire  
Batteries 2x190 Ah

### OPTIONS

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

