

VOLAT



CRANE CHASSIS

MZKT-750003-010

VEHICLES OVERCOMING ALL OBSTACLES

CRANE CHASSIS MZKT-750003-010

SPECIFICATIONS

PERFORMANCE DATA

Wheel drive	8x4
Max. speed, km/h	70
Turning radius, m	14,5
Fuel tank capacity, l	340

WEIGHT DATA

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

ENGINE

Ecology	EURO-V
Number and location of cylinders	L6
Max. power	308,8 kW (420 h.p.) at 1900 min ⁻¹
Max. torque	2 000 Nm at 1100-1300 min ⁻¹

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

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

