

VOLAT



TRUCK CHASSIS

MZKT-700300-011

VEHICLES OVERCOMING ALL OBSTACLES

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SPECIFICATIONS

PERFORMANCE DATA

Wheel drive	12x12
Max. speed, km/h	45
Turning radius, m	22
Fuel tank capacity, l	2x350

WEIGHT DATA

Curb chassis weight, kg	23 950
Gross vehicle weight, kg	68 100
Permissible weight on axles, kg	
1st, 2nd and 3rd	3x9 700
4th, 5th and 6th	3x13 000
Payload, kg	44 150

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
Model	MZKT-65151
Number of gears	9 forward, 1 reverse
Gear ratio	10.08-0.788

TRANSFER CASE

1-speed, with interlocking differential

DRIVING AXLES

Rigid, with central reduction gears, interaxle and cross-axle differential lock
1st, 2nd and 3rd axles - steered

AXLE SUSPENSION

1st-3rd axles - dependent leaf-spring
4th-6th 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 - 12+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
Electrical system for connection of remote control of fuel supply and gear shifting of chassis from the drilling rig control unit in the power take-off mode

OPTIONS

North package (liquid engine heater, fuel intake heater, autonomous cab heater)

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

