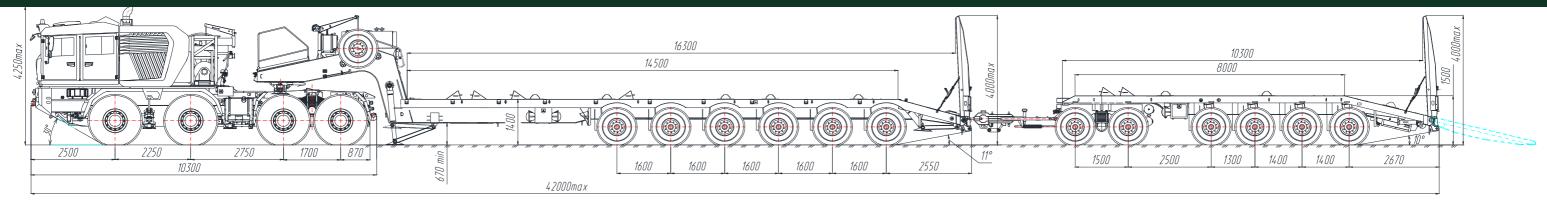




HEAVY EQUIPMENT TRANSPORTER MZKT-741351+999421+837211

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SPECIFICATIONS



TRACTOR HEAD MZKT-741351

PERFORMANCE DATA Wheel drive 8x8 Max. speed (tractor+semitrailer), km/h 70 Max. speed (tractor+semitrailer+trailer), km/h 60 27 Gradeability (tractor+semitrailer), % Gradeability (tractor+semitrailer+trailer), % 11 Turning radius, m 14 Fuel tank capacity. I 1 550 Cruising range (tractor+semitrailer), km 1 000 800 Cruising range (tractor+semitrailer+trailer), km up to +55 Operating temperature, °C Air transportable An-124, An-22, A400M, C-5

WEIGHT DATA	
Curb vehicle weight, kg	28 800
Gross vehicle weight, kg	54 800
Permissible weight on axles, kg	
1-2 axles	2x12 400
3-4 axles	2x15 000
Fifth wheel load, kg	26 000
Gross combination weight, kg	
tractor+semitrailer	132 800
tractor+semitrailer+trailer	210 800

ENGINE

Number and location of cylinders 597 kW (812 h.p.) at 2 100 min⁻¹ Power 3 300 Nm at 1 400 min⁻¹ Max. torque

TRANSMISSION

automatic Type 6 forward, 2 reverse Number of gears 4.00-0.67; R 5.15, 3.46 Gear ratio

TRANSFER CASE

2-speed, lockable inter-bogie differential

DRIVING AXLES

Split, with central reduction gears, interaxle and cross-axle differential lock

AXLE SUSPENSION

1st and 2nd axles - independent torsion-bar 3rd and 4th axles - independent spring-balanced

STEERING SYSTEM

Left-hand drive

Hydraulic power assisted

BRAKE SYSTEM

Drum brakes of shoe-type with air-hydraulic drive, retarder Pneumatic semitrailer brakes drive

TYRES

18.00R25, offroad protector Central tyre inflation system (CTIS)

FRAME

Longitudinal

Equipped with front towing hitch

CAB

4-door metallic framework with fitting for armoring, tilted 8 seats, or 3 seats + sleeping berths Brackets for personnel weapons Air-condition with automatic climate control Locking box for personnel backpacks Pivoting roof hatch with machine gun holder

ELECTRICAL EQUIPMENT

Nominal voltage 24 V

Single-wire

Batteries 2x180 Ah

FIFTH WHEEL

MZKT, king pin diameter 31/2" (89 mm)

WINCH

Twin winch with hydraulic drive Max. towing force 2x250 kN Rope length 100 m

SEMITRAILER MZKT-999421

For transportation of various heavy tracked and wheeled vehicles or ISO containers with max weight of 76 000 kg

PERFORMANCE DATA

Number of axles	6
Platform width (with wideners), mm	3 650 (4 650)
Loading height, mm	1 400
Overhang angle, °	11
King pin diameter, mm	89

WEIGHT DATA

WEIGHT BATA	
Curb semitrailer weight, kg	28 000
Payload, kg	76 000
Gross semitrailer weight, kg	104 000
Permissible weight on axles, kg	6x13 000
Load on fifth wheel, kg	26 000

AXLES

Rigid, with hubs, steering knuckles and adjustable rods 3rd, 4th, 5th and 6th axles are steered Hydraulic-balanced suspension

TYRES

525/65R20.5

Number of wheels 12+2

Central tyre inflation system (CTIS)

SPECIAL EQUIPMENT

Towing hook in the rear part (for trailer towing)

Automatic lubrication system

Tyre puncture indicators

Power pack with air compressor and hydraulic pump for tyre inflation and driving of supports and ramps

Bearings and guiding rollers, linen straps for fixation Adjustable single-section loading ramps with hydraulic drive

TRAILER MZKT-837211

For transportation of various heavy tracked and wheeled vehicles or ISO containers with max weight of 60 000 kg

PERFORMANCE DATA

Number of axies	0
Loading height, mm	1 500
Overhang angle, °	10

WEIGHT DATA

Curb trailer weight, kg	18 000
Payload, kg	60 000
Gross trailer weight, kg	78 000
Permissible weight on axles, kg	6x13 000

AXLES

Rigid, with press-welded beam Free-steered 5th and 6th axles with manual locking Spring-balanced suspension on front axles Hydraulic-balanced suspension on rear axles

TYRES

525/65R20.5

Number of wheels 12+2

Central tyre inflation system (CTIS)

SPECIAL EQUIPMENT

Towing bar in the front part

Linen straps and belts for fixation

Adjustable single-section loading ramps with hydraulic drive

Automatic Iubrication system

Tyre puncture indicators

Rear view camera and Parktronic

