

VOLAT

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MINSK WHEEL TRACTOR PLANT

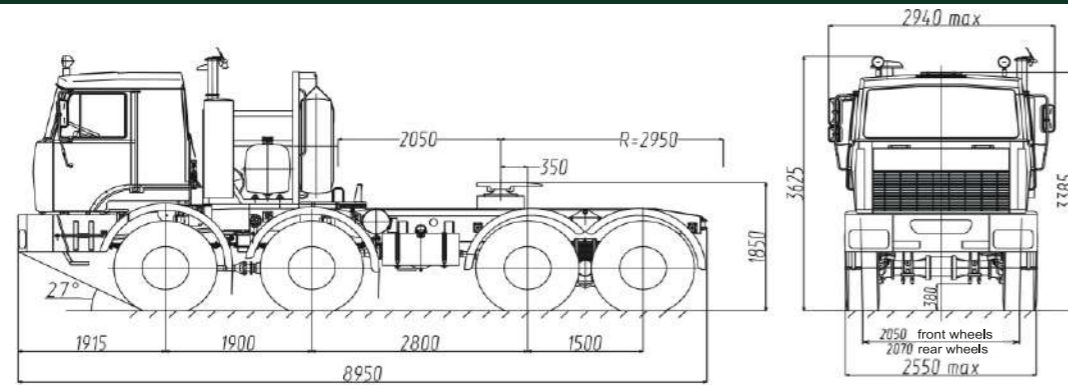


HEAVY EQUIPMENT TRANSPORTER
MZKT-740100+937830

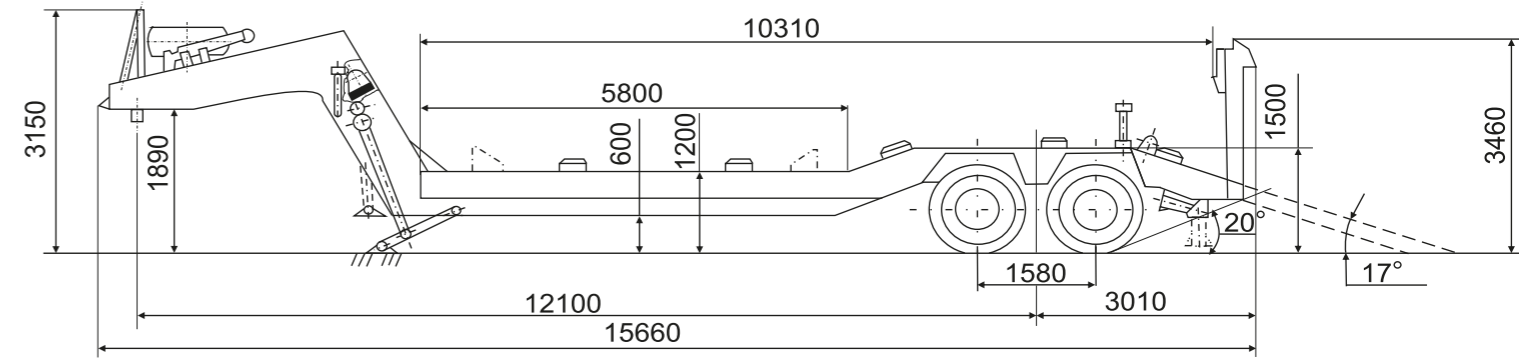
VEHICLES OVERCOMING ALL OBSTACLES

HEAVY EQUIPMENT TRANSPORTER MZKT-740100+937830

SPECIFICATIONS



TRACTOR HEAD MZKT-740100



SEMITRAILER MZKT-937830

PERFORMANCE DATA

Wheel drive	8x8
Max. speed, km/h	80
Angle of approach	27°
Angle of departure	27°
Ground clearance, mm	380
Turning radius (curb to curb), m	12,5
Fuel tank capacity, l	800

WEIGHT DATA

Curb vehicle weight, kg	16 650
Fifth wheel load, kg	27 000
Gross vehicle weight, kg	43 800
Permissible weight on axles, kg	
front axles	2x9 300
rear axles	2x12 600

ENGINE

Number and location of cylinders	V8
Power	294 kW (400 h.p.) at 1900 min ⁻¹
Max. torque	1715 Nm

TRANSMISSION

Type	manual
Number of gears	9 forward, 1 reverse
Gear ratio	10.08-0.788

TRANSFER CASE

Number of gears	1
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DRIVING AXLES

1-ST AND 2-ND
Steered, central reduction gears with interaxle differential locks

3-RD И 4-TH

Central reduction gears with interaxle differential locks

AXLE SUSPENSION

Front - leaf spring
Reverse - leaf spring balanced

BRAKE SYSTEM

Pneumatic drive
ABS

TYRES

16.00R20
High cross-country capability
Central tyre inflation system (CTIS)

FRAME

Longitudinal
Equipped with front and rear towing units

CAB

Full metal, 2-seat, 2 sleeping berths, air suspended driver's seat. Equipped with heating and ventilation systems

FIFTH WHEEL

Two degree of freedom, ø 3 1/2"

ELECTRICAL EQUIPMENT

Nominal voltage 24V
Batteries 2pcs. 190 Ah

OPTIONS

Two-speed transfer case
Engine heater Webasto
Autonomous cab heater Webasto
Air condition system Webasto
Heated fuel filter Separ
Spark arrester
Tachograph
Air suspended passenger's seat
Cab cover

For transportation of different tracked vehicles weight up to 48 t

PERFORMANCE DATA

Platform width, mm	3 800
Load height, mm	1 200
Axles	2
King pin	3 1/2"

WEIGHT DATA

Curb semi-trailer weight, kg	21 000
Payload, kg	48 000
Gross semi-trailer weight, kg	69 000
Fifth-wheel load, kg	23 000
Permissible weight on axles, kg	2x23 000

FRAME

Longitudinal
Welded of low-alloy steel

AXLE SUSPENSION

Balanced of longitudinal and transverse balancers

BRAKE SYSTEM

Pneumatic
Wheel drum mechanisms of shoe type

ELECTRICAL EQUIPMENT

Nominal voltage, V 24

TYRES

16.00R20
Twin wheel
Tyre failure warning
Electric determinant of depressed tyre

RAMPS

Tilted, two-section
Hydraulic type lifting mechanism
Angle of arrival 17°

SPECIAL EQUIPMENT

Support and guide rollers
Winch cable guide blocks
Tracked article attachment braces
Bumper bars

SUPPORT UNIT

Two independent supports
Mechanical and hydraulic jacks