VEHICLES OVERCOMING ALL OBSTACLES

MINSK WHEEL TRACTOR PLANT
COMMERCIAL VEHICLES
2019
AGENDA

History and company information

Product range
For more than 60 years, VOLAT (Minsk Wheel Tractor Plant, JSC) is a leader in design, manufacture and marketing of unique transport solutions for its customers to carry heavy loads and special-purpose sensitive equipment on public roads and in severe terrains.
VOLAT creates vehicles for individual technical requirements of the Customers, from one to several hundred units using the widest possible range of domestic and foreign components.

- 250 design engineers in 31 design bureaus
- 180 technological engineers
- 150 test engineers

UNIQUE VEHICLES
UPON INDIVIDUAL REQUIREMENTS
According to CSI-2018 research the majority of Customers named reliability of VOLAT vehicles as its main feature.

VOLAT long-term experience in the product design, production and testing assures its efficiency in the most severe conditions.
DEVELOPMENT
IN ORDER TO SUCCEED

- No. of new main equipment purchased 2007-2016 - 373 units
- Amount spent totaled - >110 mln. USD

Modern manufacturing facility ensures:

- Quality of products
- High Productivity
- Flexibility
- Independence from component suppliers and political independence
- Short time for Prototyping
MAIN COMPONENTS MANUFACTURING

- Coil-spring suspension
- Hydropneumatic suspension
- Frames
- Cabs
- Winches
- Transfer Cases
- Automatic transmissions
- Driving wheel hubs
- Final central reduction gears
- Intermediate central reduction gears
ENGINE (136-800 h.p.)
C O O P E R A T I O N
AFTER SALES

- Maintenance and Repair of the chassis including overhauling and renewal for 3 or 5 years (optional)
- Engine overhaul repair
- Spare parts supply
MARKET MIX 2002-2018

- More than 20 countries
- 84% - export
AGENDA

History and company information

Product range
AGENDA

Product range
Chassis for oil and gas equipment
Chassis for truck cranes
Truck tractors
Trailers and semitrailers
Special projects
Buses
MZKT-800770 (6x6)
AP-60, UPB-60/80

Payload: 22,000 kg
Engine power: 400 h.p.
Max. speed: 52 km/h
MZKT-750110-111 (8x4)

UPA80/100

Payload: 30,000 kg
Engine power: 412 h.p.
Max. speed: 75 km/h
MZKT-652716 (8x8)
AP-80

Payload: 30 800 kg
Engine power: 400 h.p.
Max. speed: 56 km/h
MZKT-700800 (8x8)
AP-80A

Payload 28 500 kg
Engine power 475 h.p.
Max. speed 47 km/h
MZKT-700200 (8x8)
AP-80

Payload: 29,000 kg
Engine power: 482 h.p.
Max. speed: 47 km/h
MZKT-700400 (10x8)
UPR-100

Payload: 40,000 kg
Engine power: 482 h.p.
Max. speed: 47 km/h
MZKT-700300 (12x12)

Payload: 44 500 kg
Engine power: 470 h.p.
Max. speed: 45 km/h
MZKT-800300 (12x12)

ARS-125

Payload: 44 000 kg
Engine power: 547 h.p.
Max. speed: 45 km/h
MZKT-791910 (12x12)
BU2000/125

Payload  55 150 kg
Engine power  650 h.p.
Max. speed  48 km/h
MZKT-800500 (14x14)

Payload: 53 600 kg
Engine power: 2x580 h.p.
Max. speed: 40 km/h
MZKT - 820200
ARS-200

Payload 50,000 kg
Engine power 2x547 h.p.
Max. speed 50 km/h
MZKT-600300 (4x4)  
Sources of seismic signals SV-30/120H

Payload: 10,000 kg
Engine power: 440 h.p.
Max. speed: 40 km/h
MZKT-652513 (6x6)
Sources of seismic signals SV-30/120M

Payload 14 600 kg
Engine power 400 h.p.
Max. speed 60 km/h
Coiled tubing unit MK20T-20/-50

Payload: 29 500 kg
Engine power: 400 h.p.
Max. speed: 60 km/h
MZKT-652712 (8 x 8)
Cementing pumping unit NS1000-10/Pumping unit N2501-10

Payload: 29 500 kg
Engine power: 400 h.p.
Max. speed: 60 km/h
MZKT-652760-020 (10x10)
Coiled tubing unit MK30T-40

Payload: 40,000 kg
Engine power: 400 h.p.
Max. speed: 60 km/h
MZKT-652760-030 (10x10)
Coiled tubing unit MK30T-50

Payload: 43 000 kg
Engine power: 400 h.p.
Max. speed: 60 km/h
MZKT-700700 (8×8)

Pumping unit UN-25

Payload: 29 500 kg
Engine power: 410 h.p.
Max. speed: 60 km/h
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Product range

Chassis for oil and gas equipment

Chassis for truck cranes

Truck tractors

Trailers and semitrailers

Special projects

Buses
MZKT-750110-110 (8x4)
KS-64713-2 (50 t)

Payload: 30,100 kg
Engine power: 412 h.p.
Max. speed: 70 km/h
MZKT - 750110 - 120 (8x4)
KS-65721-2 (60 t)

Payload: 33,000 kg
Engine power: 412 h.p.
Max. speed: 70 km/h
MZKT - 750120 (10x4)  
KS-74721-2 (70 t) 

Payload: 41 100 kg  
Engine power: 412 h.p.  
Max. speed: 70 km/h
**MZKT-652715 (8x8)**

KS-65721-6 (50-60-70 t)

- **Payload**: 31 500 kg
- **Engine power**: 412 h.p.
- **Max. speed**: 70 km/h
MZKT-790200 (10x10)
KS-74713 (80 t)

Payload 43 000 kg
Engine power 470 h.p.
Max. speed 70 km/h
MZKT-740001 (10x4)
KS-84713-2 (100 t)

Payload: 44 000 kg
Engine power: 412 h.p.
Max. speed: 50 km/h
MZKT-750001 (10x10)
KS-84713-6 (100 t)

Payload: 43 000 kg
Engine power: 420 h.p.
Max. speed: 50 km/h
### AGENDA

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<th>Product range</th>
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</thead>
<tbody>
<tr>
<td>Chassis for oil and gas equipment</td>
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<tr>
<td>Chassis for truck cranes</td>
</tr>
<tr>
<td>Truck tractors</td>
</tr>
<tr>
<td>Trailers and semitrailers</td>
</tr>
<tr>
<td>Special projects</td>
</tr>
<tr>
<td>Buses</td>
</tr>
</tbody>
</table>
MZKT-750440 (8x8)
Truck tractor

Fifth-wheel load: 27,000 kg
Engine power: 462 h.p. (E-5)
GCW: up to 130,000 kg
**MZKT - 741600-011/010 (8x8)**

Truck/ballast tractor

<table>
<thead>
<tr>
<th>Description</th>
<th>Value</th>
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<tbody>
<tr>
<td>GCW</td>
<td>90 000 kg</td>
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<tr>
<td>Engine power</td>
<td>600 h.p.</td>
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<tr>
<td>Max. speed</td>
<td>90 km/h</td>
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<tr>
<td></td>
<td></td>
</tr>
<tr>
<td>GCW</td>
<td>250 000 kg</td>
</tr>
<tr>
<td>Engine power</td>
<td>600 h.p.</td>
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<tr>
<td>Max. speed</td>
<td>80 km/h</td>
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</tbody>
</table>
**MZKT-742900 (8x8)**

Truck tractor

<table>
<thead>
<tr>
<th>Specification</th>
<th>Value</th>
</tr>
</thead>
<tbody>
<tr>
<td>Fifth-wheel load</td>
<td>23,000 kg</td>
</tr>
<tr>
<td>Engine power</td>
<td>470 h.p.</td>
</tr>
<tr>
<td>GCW</td>
<td>up to 100,000 kg</td>
</tr>
</tbody>
</table>
MZKT-742910 (8x8)

Truck tractor

Fifth-wheel load: 28,000 kg
Engine power: 600 h.p.
GCW: up to 125,000 kg
MZKT-741310 (8x8)

Truck tractor

Fifth-wheel load 30 000 kg
Engine power 650 h.p.
GCW up to 130 000 kg
MZKT-741320 (8x8)
Ballast tractor

- Ballast weight: 15 000 kg
- Engine power: 650 h.p.
- GCW: up to 142 000 kg
MZKT TRAILER RANGE

VOLAT offers a wide range of trailer and semitrailer models, with the maximum load capacity range from 15 to 80 tons, and the number of axles from 2 to 6. Volat makes not only standard semitrailers for transportation of cargo but also motorised semitrailers designed to place, carry and drive the drilling and other equipment.
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Product range
Chassis for oil and gas equipment
Chassis for truck cranes
Truck tractors
Trailers and semitrailers
Special projects
Buses
MZKT-651510 (8x4)
Dump truck

- Payload: 30,000 kg
- Engine power: 400 h.p. (E-3)
- Max. speed: 75 km/h
MZKT-750100 (8x4)
Dump truck

Payload: 32,000 kg
Engine power: 412 h.p. (E-4)
Max. speed: 80 km/h
### MZKT-750500 (8x4)

Dump truck

<table>
<thead>
<tr>
<th>Specification</th>
<th>Value</th>
</tr>
</thead>
<tbody>
<tr>
<td>Payload</td>
<td>32,000 kg</td>
</tr>
<tr>
<td>Engine power</td>
<td>460 h.p. (E-5)</td>
</tr>
<tr>
<td>Max. speed</td>
<td>80 km/h</td>
</tr>
</tbody>
</table>
MZKT-652700 (8x8)

Dump truck

Payload: 27,000 kg
Engine power: 400 h.p.
Max. speed: 80 km/h
**MZKT-790110 (8x8)**

Frac sand truck

- **Payload**: 18,000 kg
- **Engine power**: 400 h.p.
- **Max. speed**: 80 km/h
MZKT-692371 (8x4)
Multipurpose chassis

Payload: 18,000 kg
Engine power: 400 h.p.
Max. speed: 80 km/h
MZKT-730100 (8x8)
Cargo truck with Fassi F110A.21 crane

Payload: 24,000 kg
Engine power: 400 h.p.
Max. speed: 85 km/h
MZKT-730110 (8×8)
Hiab Multilift XR18S53

Payload: 20,000 kg
Engine power: 400 h.p.
Max. speed: 75 km/h
MZKT-700610 (8x4)
Concrete pump Putzmeister M47-5

Payload: 24 200 kg
Engine power: 400 h.p.
Max. speed: 75 km/h
MZKT-700650 (10x4)
Concrete pump EVERDIGM ECP52CS-5

Payload 37 000 kg
Engine power 476 h.p.
Max. speed 70 km/h
MZKT-790976 (8x8)

Transporter

Payload: 45,000 kg
Engine power: 550 h.p.
Max. speed: 60 km/h
MZKT-790960 + MZKT-900110 (8x8)
Off-road heavy-duty pipe transporter

Payload: 50,000 kg
Engine power: 470 h.p.
Max. speed: 30 km/h
**MZKT-652770 (12x12)**

HAMMAR 190/195 sideloader

- **Payload**: 33,000 kg
- **Engine power**: 470 h.p.
- **Max. speed**: 70 km/h
MZKT-791300 (8x8)
Pipe transporter with Palfinger PK 33002 EH crane

Payload: 16,000 kg
Engine power: 544 h.p.
Max. speed: 70 km/h
AGENDA

Product range
Chassis for oil and gas equipment
Chassis for truck cranes
Truck tractors
Trailers and semitrailers
Special projects
Buses
NEMAN-4202-11

- Passenger capacity: 20-36
- Engine power: 146 h.p. (E-5)
- Max. speed: 90 km/h
NEMAN-4202-15
CNG engine

Passenger capacity: 20-36
Engine power: 136 h.p. (CNG)
Max. speed: 90 km/h
**NEMAN-4202-511**

New design

<table>
<thead>
<tr>
<th>Specification</th>
<th>Details</th>
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<tbody>
<tr>
<td>Passenger capacity</td>
<td>28-44</td>
</tr>
<tr>
<td>Engine power</td>
<td>170 h.p. (E-5)</td>
</tr>
<tr>
<td>Max. speed</td>
<td>90 km/h</td>
</tr>
</tbody>
</table>
NE MAN - 42 02
Interior configuration

Intensity (20 seats, 44 full capacity)

Suburban/International (30 seats, 40 full capacity)

Tourist (28 seats, 28 full capacity)

School (30 seats, 30 full capacity)
NEMAN - 5201
Suburban bus

Passenger capacity: 44-70
Engine power: 290 h.p. (E-4)
Max. speed: 90 km/h
THANK YOU FOR YOUR ATTENTION!