

VOLAT



VOLAT TODAY AND TOMORROW

2018

VEHICLES OVERCOMING ALL OBSTACLES

HISTORY, COMPANY DATA AND RESULTS



STRATEGIC WEAPONS

TACTICAL WEAPONS AND MRLS

AIR DEFENCE

COASTAL DEFENCE

LOGISTIC SUPPORT VEHICLES

HEAVY EQUIPMENT TRANSPORTERS

SPECIAL PROJECTS

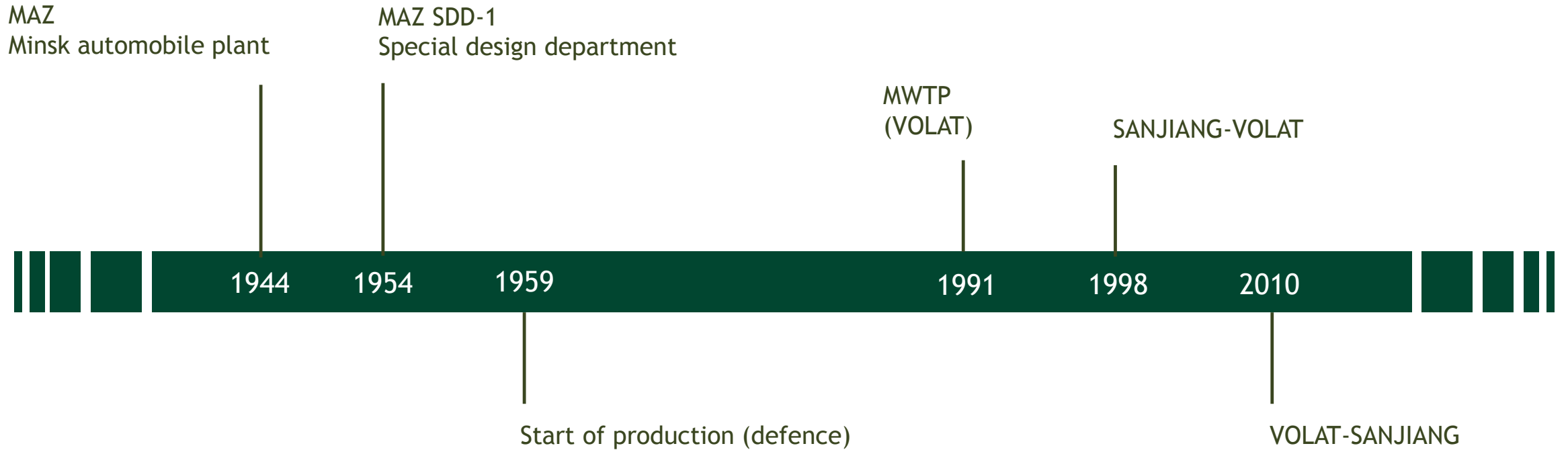


MINSK WHEEL TRACTOR PLANT

VEHICLES OVERCOMING ALL OBSTACLES

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

HISTORY





UNIQUE VEHICLES

UPON INDIVIDUAL REQUIREMENTS

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



RELIABILITY

APPROVED BY YEARS OF SERVICE

According to CSI-2016 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



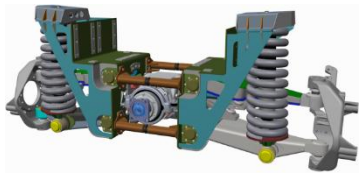
DEVELOPMENT IN ORDER TO SUCCEED

- 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

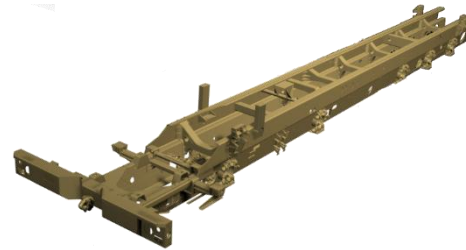
Coil-spring suspension



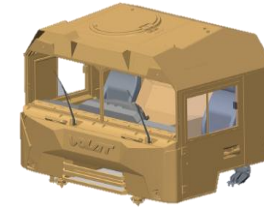
Hydropneumatic suspension



Frames



Cabs



Winches



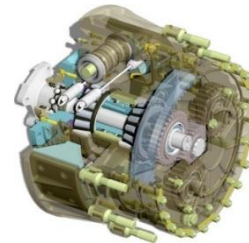
Transfer Cases



Automatic transmissions



Driving wheel hubs



Final central reduction gears



Intermediate central reduction gears



Research and Development Center provides testing of vehicles, components and assemblies for reliability, performance and compliance to the Customer's requirements

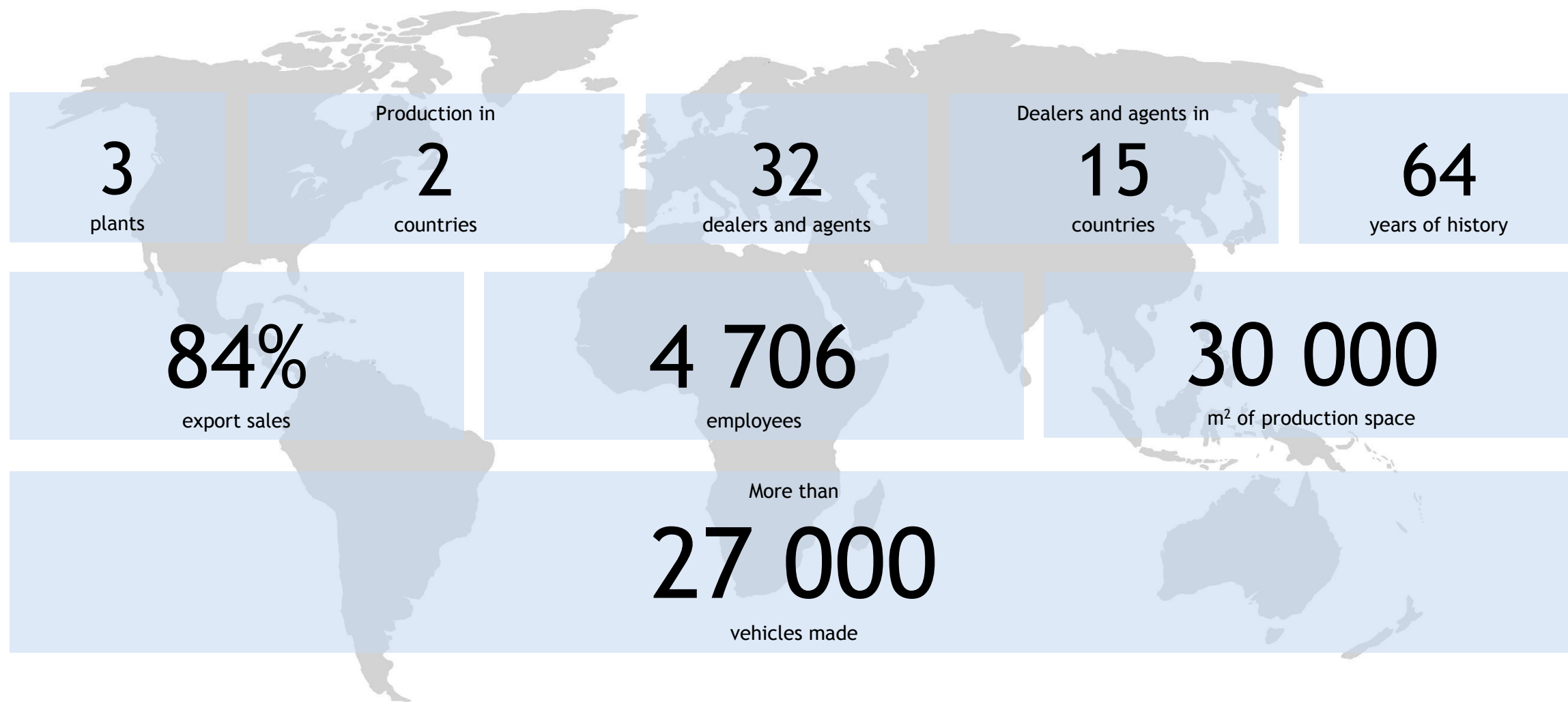


Logistic support includes:

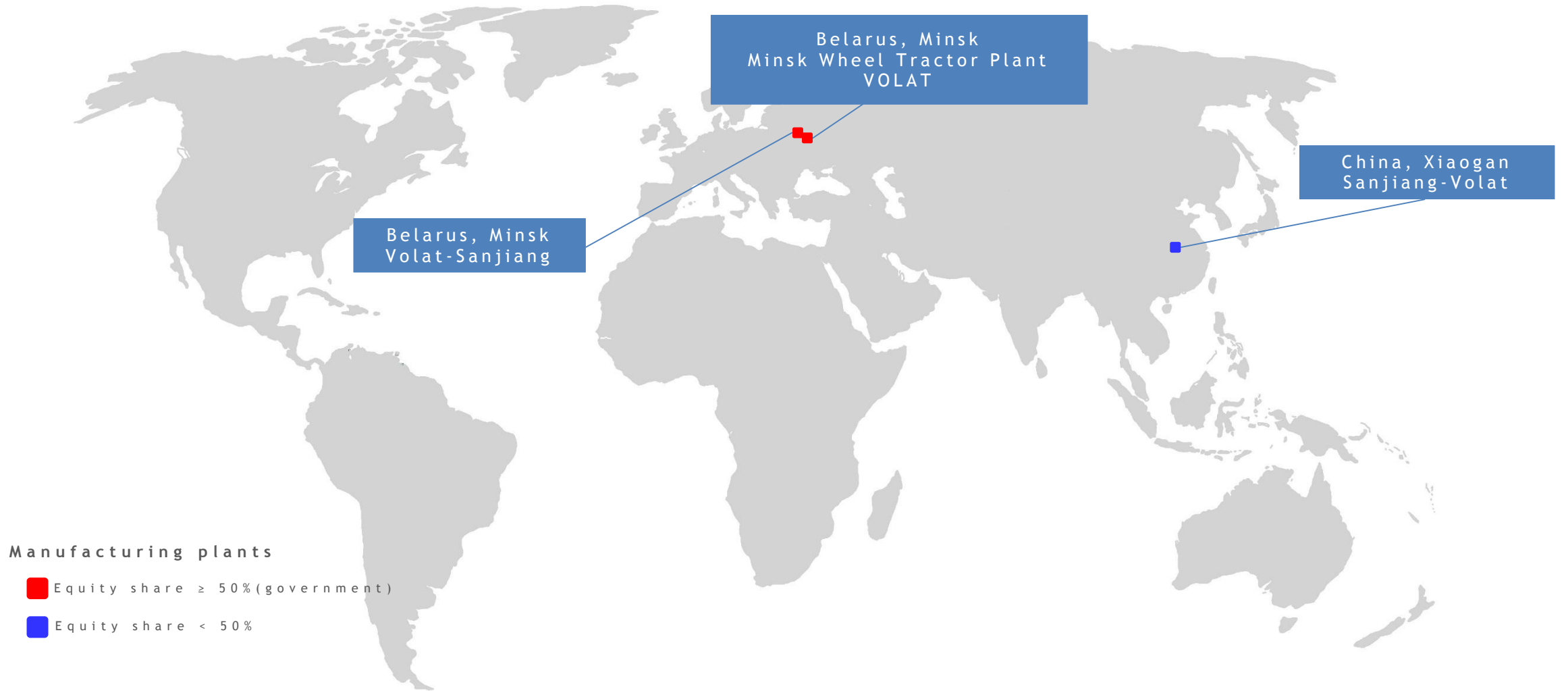
- Training
- Special Tools and Test Equipment
- Supply support (Warranty)
- Maintenance and repair



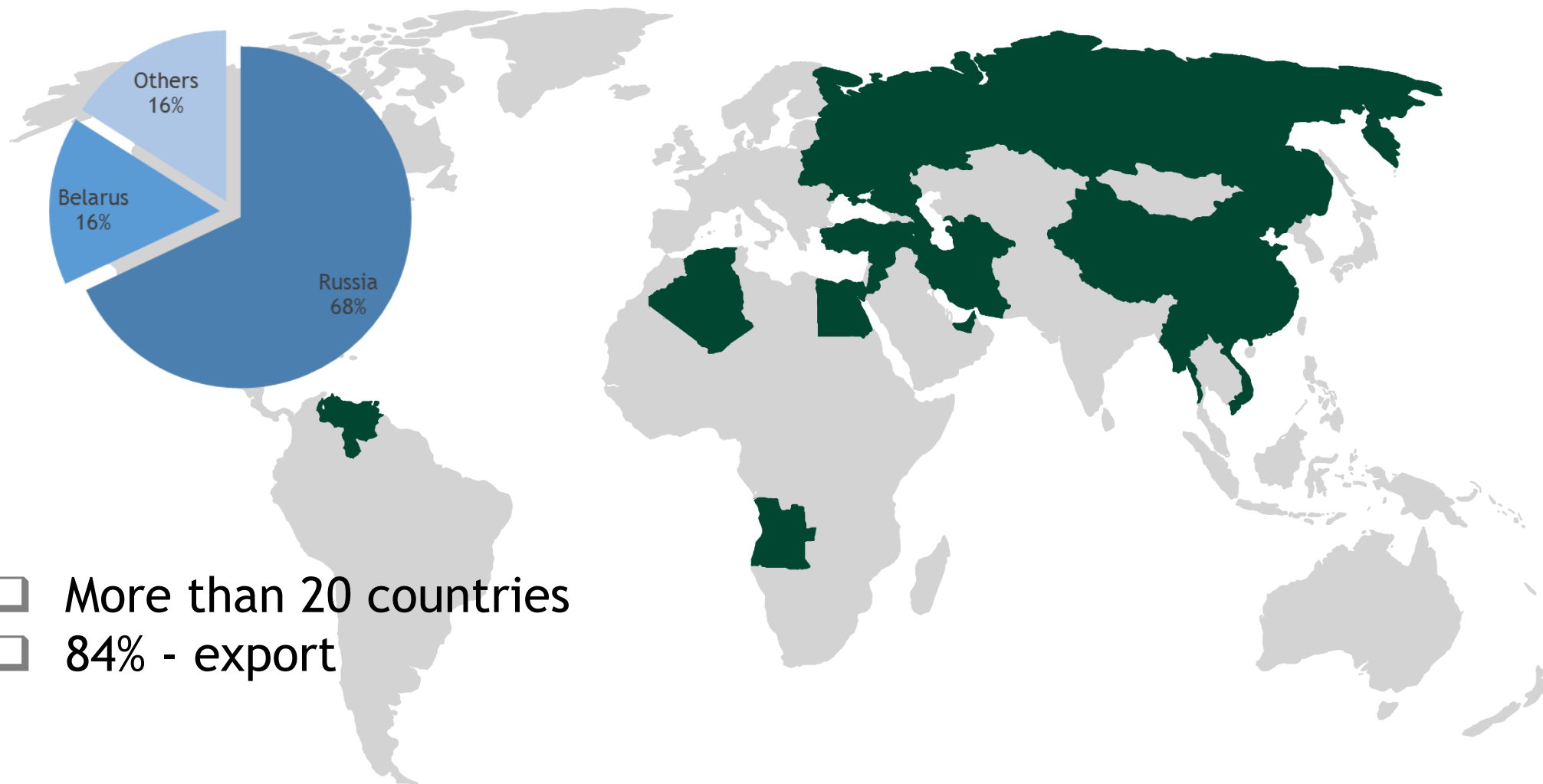
- Maintenance and Repair of the chassis including overhauling and renewal for 3 or 5 years (optional)
- Engine overhaul repair
- Spare parts supply



MANUFACTURING FOOTPRINT



MARKET MIX 2002-2018



- More than 20 countries
- 84% - export

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SPECIAL PROJECTS



MAZ-7907 (24X24) - MOTHER OF ALL TRUCKS - 1986



Load capacity
Engine power
Max. speed

150 000 kg
1 250 h.p.
25 km/h

MZKT-79221 (16X16) TOPOL-M/YARS TEL



Load capacity
Engine power
Max. speed

-- 000 kg
800 h.p.
40 km/h

MZKT-79291 (12X12)



Load capacity
Engine power
Max. speed

60 000 kg
650 h.p.
45 km/h

MZKT-79292 (10X10)

VOLAT



Load capacity
Engine power
Max. speed

35 000 kg
500 h.p.
45 km/h

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MZKT-7930 (8X8) ISKANDER TEL/RESUPPLY



Load capacity	24 000 kg
Engine power	500 h.p.
Max. speed	70 km/h

MZKT-7930 (8X8) URAGAN-1M TEL



Load capacity	24 000 kg
Engine power	500 h.p.
Max. speed	70 km/h

MZKT-7930-300 (8X8) POLONEZ TEL/RESUPPLY



Load capacity	22 200 kg
Engine power	500 h.p.
Max. speed	70 km/h

MAZ-543 (8X8) ELBRUS (SCUD) TEL



Load capacity	19 100 kg
Engine power	510 h.p.
Max. speed	60 km/h

MZKT-543M/543A (8X8) SMERCH TEL/RESUPPLY



Load capacity	22 200 kg
Engine power	510 h.p.
Max. speed	60 km/h

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AIR DEFENCE

- MZKT-7930 family
- MZKT-543 family
- MZKT-8021 family
- MZKT-6922 box-type family

MZKT-7930 (8X8) S-400 TEL

VOLAT



Load capacity	24 000 kg
Engine power	500 h.p.
Max. speed	70 km/h

MZKT-7930 (8X8) S-400

RADAR VEHICLE



Load capacity	24 000 kg
Engine power	500 h.p.
Max. speed	70 km/h

AIR DEFENCE

- MZKT-7930 family
- MZKT-543 family
- MZKT-8021 family
- MZKT-6922 box-type family

MZKT-543M (8X8) S-300 TEL



Load capacity	22 200 kg
Engine power	510 h.p.
Max. speed	60 km/h

MZKT-543M (8X8) S-400 TEL



Load capacity	22 200 kg
Engine power	510 h.p.
Max. speed	60 km/h

MZKT-74106 (8X8)

+ MZKT-9988 S-300 RADAR

VOLAT



Load capacity (semitrailer) **32 000 kg**
Engine power **510 h.p.**
Max. speed **60 km/h**

AIR DEFENCE

- MZKT-7930 family
- MZKT-543 family
- MZKT-8021 family
- MZKT-6922 box-type family

MZKT-8021 (6X6) PECHORA-2M (S-125) TEL



Load capacity	20 000 kg
Engine power	400 h.p.
Max. speed	60 km/h

MZKT-80211 (6X6) PECHORA-2M (S-125) RADAR VEHICLE



Load capacity
Engine power
Max. speed

18 500 kg
400 h.p.
60 km/h

MZKT-8022 (4X4) PECHORA-2M (S-125) COMMAND POST



Load capacity
Engine power
Max. speed

6 000 kg
250 h.p.
65 km/h

AIR DEFENCE

- MZKT-7930 family
- MZKT-543 family
- MZKT-8021 family
- MZKT-6922 box-type family

MZKT-6922 (6X6) BOX-TYPE CHASSIS



Load capacity	14 000 kg
Engine power	420 h.p.
Max. speed	65 km/h

MZKT-69221 BUK-M2 COMBAT VEHICLE



Equipment weight	14 000 kg
Engine power	420 h.p.
Max. speed	65 km/h

MZKT-69221 BUK-M2 RADAR VEHICLE



Equipment weight	12 000 kg
Engine power	420 h.p.
Max. speed	65 km/h

MZKT-69221 BUK-M2 COMMAND POST VEHICLE



Equipment weight	4 000 kg
Engine power	420 h.p.
Max. speed	65 km/h

MZKT-6922 TOR-M2K

COMBAT VEHICLE

VOLAT



Equipment weight	12 000 kg
Engine power	420 h.p.
Max. speed	80 km/h

MZKT-69222 OSA-1T COMBAT VEHICLE



Equipment weight	8 000 kg
Engine power	420 h.p.
Max. speed	80 km/h

MZKT-69222 STILET COMBAT VEHICLE



Equipment weight	8 000 kg
Engine power	420 h.p.
Max. speed	80 km/h

MZKT-69223 KVADRAT-M LAUNCHER VEHICLE



Equipment weight	8 000 kg
Engine power	420 h.p.
Max. speed	80 km/h

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MZKT-7930 (8X8) BAL COMBAT VEHICLE



Load capacity
Engine power
Max. speed

24 000 kg
500 h.p.
70 km/h

MZKT-543M (8X8) RUBEZH COMBAT VEHICLE



Load capacity	22 200 kg
Engine power	510 h.p.
Max. speed	60 km/h

MZKT-543M (8X8) BEREG COMBAT VEHICLE



Load capacity	22 200 kg
Engine power	510 h.p.
Max. speed	60 km/h

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MZKT-6001 (4X4, 6X6 AND 8X8) LOGISTIC SUPPORT VEHICLES FAMILY



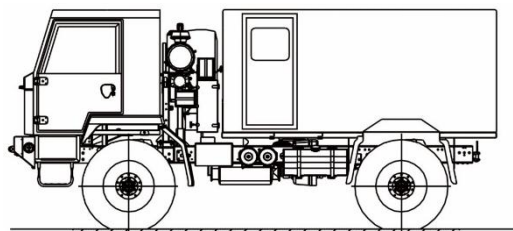
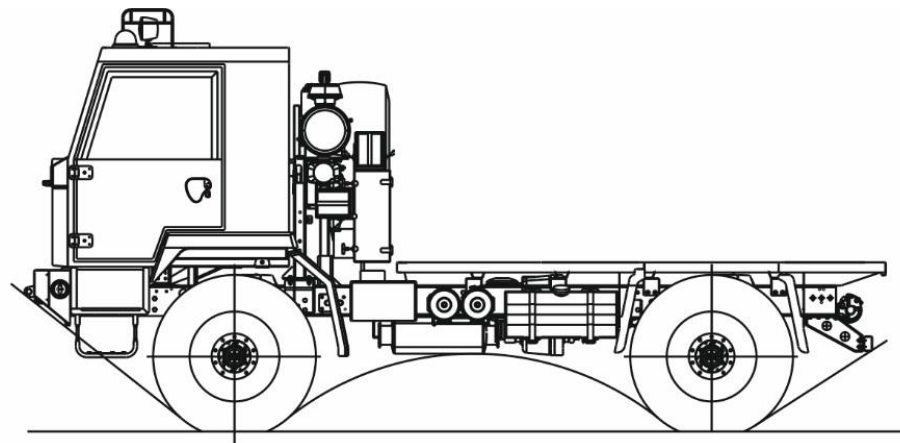
Load capacity	3 000 - 15 500 kg
Engine power	215-520 h.p.
Max. speed	95-105 km/h

MZKT-500200 (4X4) CARGO TRUCK

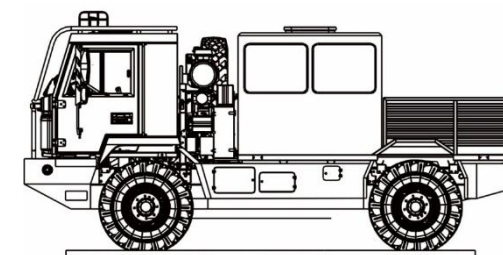


Load capacity	3 000 kg
Engine power	215 h.p.
Max. speed	95 km/h

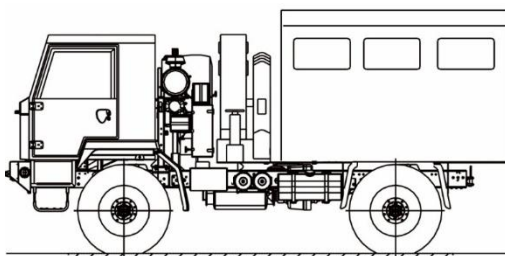
MZKT-5002 (4X4) CHASSIS - APPLICATIONS



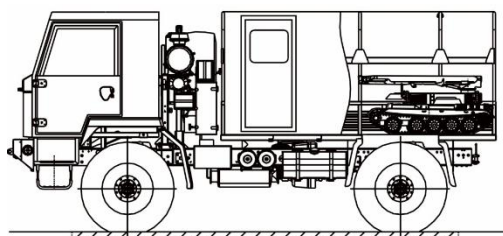
Command post



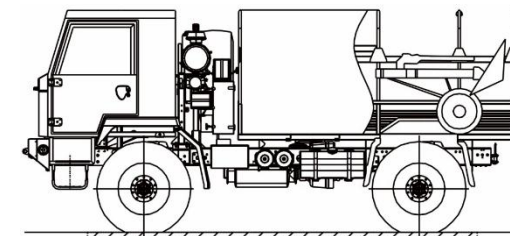
Utility vehicle



Mobile workshop



UGV carrier



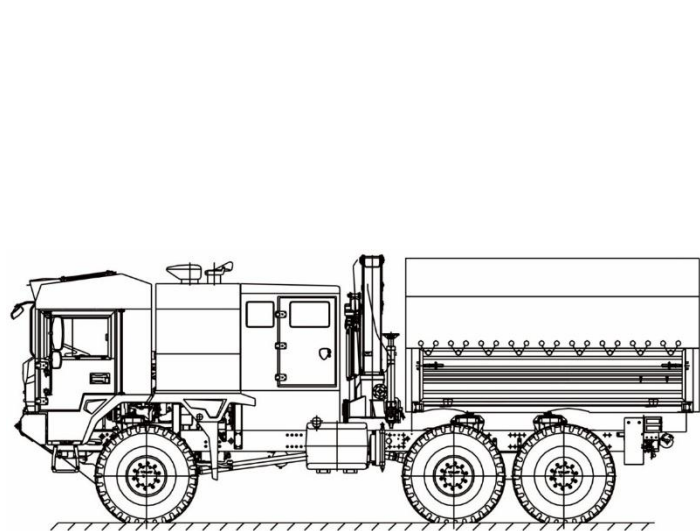
Mortar carrier

MZKT-600103 (6X6) CARGO TRUCK

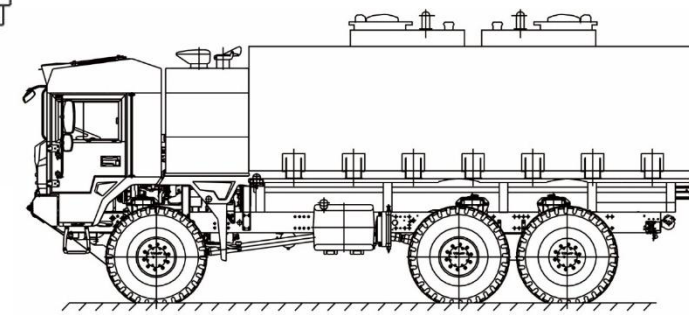
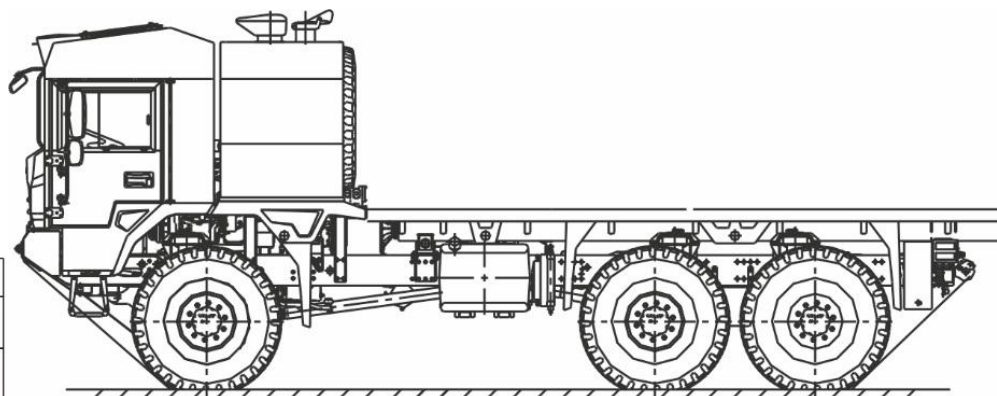


Load capacity	8 700 kg
Engine power	440 h.p.
Max. speed	105 km/h

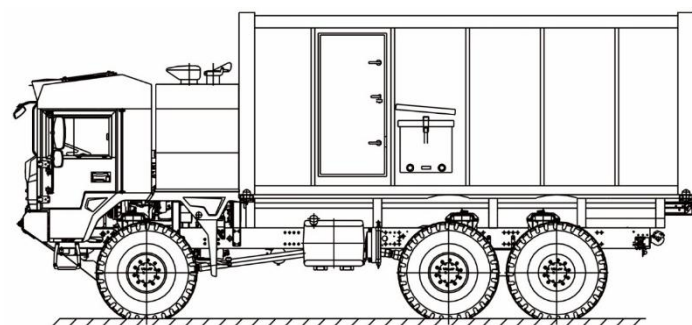
MZKT-600103 (6X6) CHASSIS - APPLICATIONS



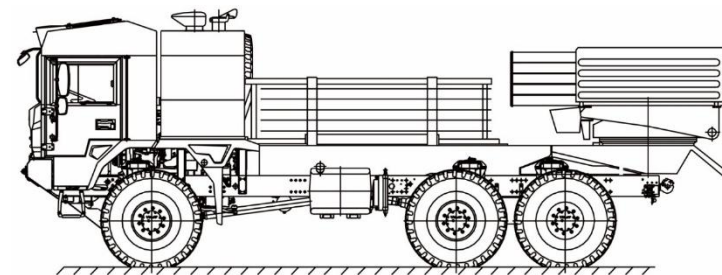
Engineering equipment



Fuel tanker



Command post



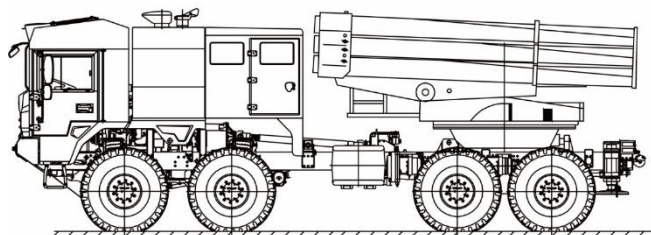
MLRS combat vehicle

MZKT-600203 (8X8) CARGO TRUCK

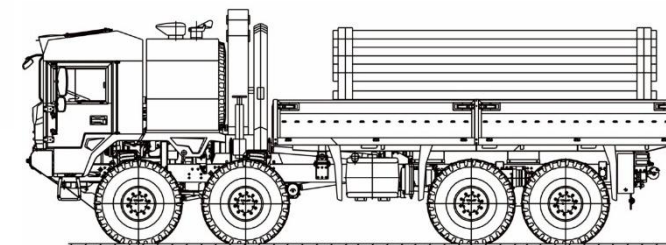
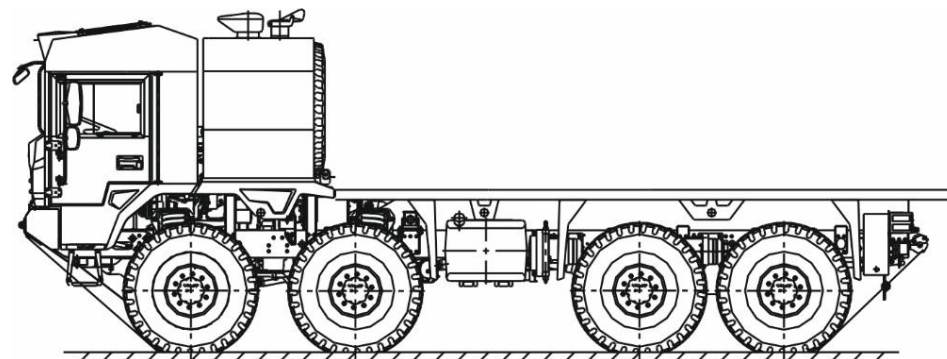


Load capacity	15 500 kg
Engine power	520 h.p.
Max. speed	105 km/h

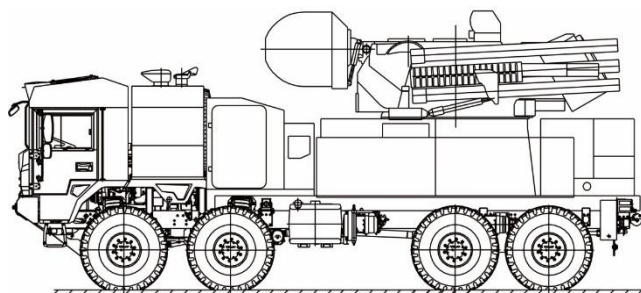
MZKT-600203 (8X8) CHASSIS - APPLICATIONS



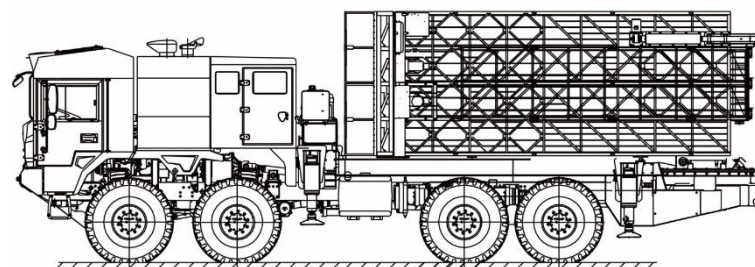
MLRS combat vehicle



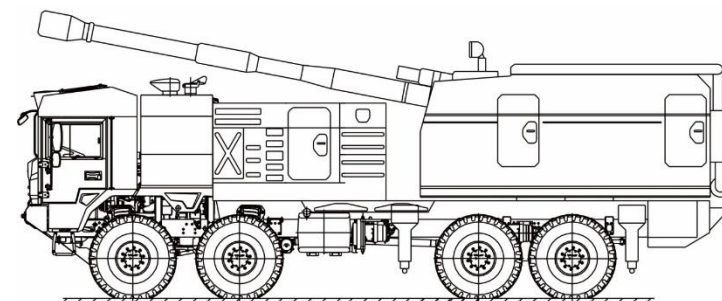
MLRS resupply vehicle



Air defence combat vehicle



Radar station



Self-propelled artillery

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MZKT-7401(8X8)+MZKT-93783 - RUSSIA AND BELARUS



GCW (up to)	96 800 kg
Load capacity (semitrailer)	48 000 kg
Engine power	400 h.p.

MZKT-742952(8X8)+MZKT-93783 - TURKEY



GCW	95 000 kg
Load capacity (semitrailer)	48 000 kg
Engine power	544 h.p.

MZKT-74296(8X8)+MZKT-93783 - SYRIA

VOLAT



GCW	104 500 kg
Load capacity (semitrailer)	48 000 kg
Engine power	600 h.p.

MZKT-74296(8X8)+MZKT-8204 - ANGOLA



GCW (up to)	104 500 kg
Load capacity (semitrailer)	56 000 kg
Engine power	544 h.p.

MZKT-74291 (8X8)



GCW (up to)
Engine power
Max. speed

126 000 kg
600 h.p.
70 km/h

MZKT-7416-011/-010 (8X8)



GCW **90 000 kg**
Engine power 600 h.p.
Max. speed 90 km/h



GCW **250 000 kg**
Engine power 600 h.p.
Max. speed 80 km/h

MZKT-74135(8X8)+MZKT-99942+MZKT-83721 - UAE

VOLAT



GCW	205 400 kg
Load capacity (semitrailer+trailer)	70 000 kg + 63 000 kg
Engine power	795 h.p.

MZKT-741351(8X8)+MZKT-999421+MZKT-837211 - UAE

VOLAT



GCW

Load capacity (semitrailer+trailer)

Engine power

209 800 kg

76 000 kg + 60 000 kg

812 h.p.

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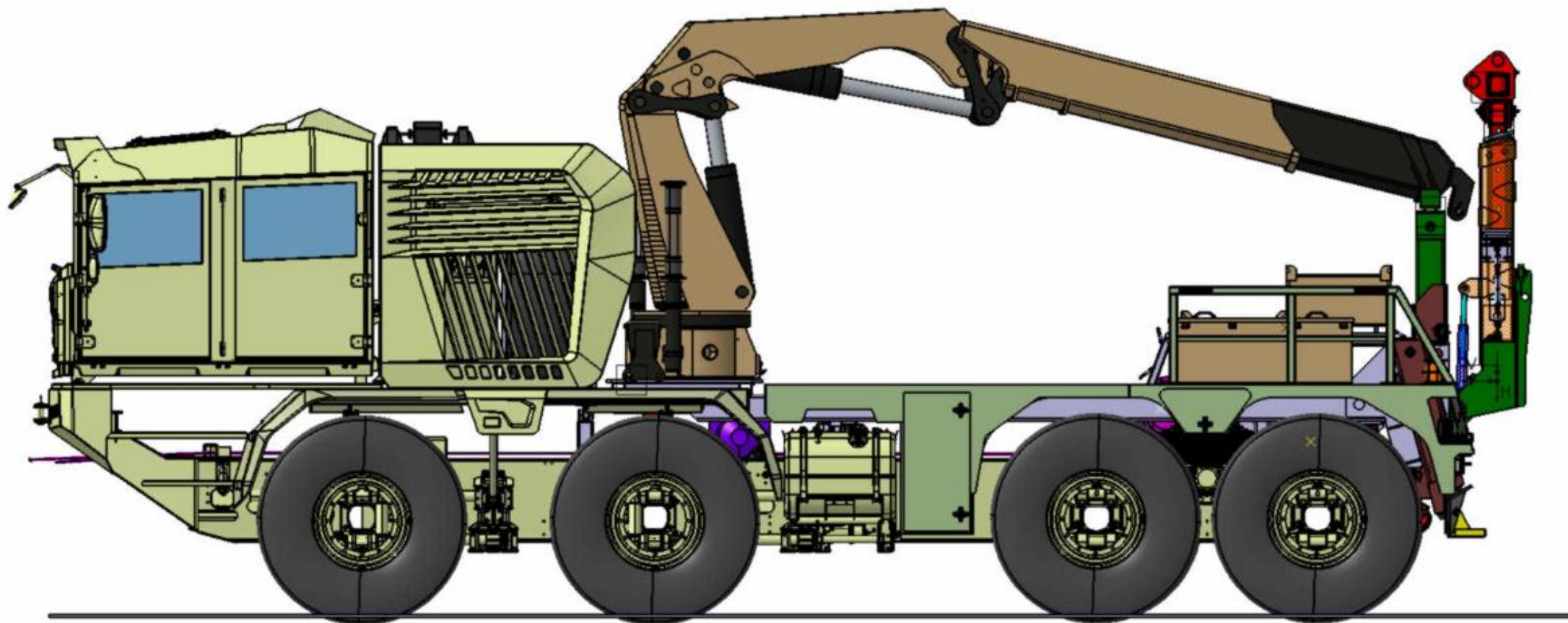


MZKT-790986 (8X8) RECOVERY VEHICLE



Towing capacity	up to 50 000 kg
Engine power	600 h.p.
Max. speed	85 km/h

MZKT-790986 (8X8) RECOVERY VEHICLE - PROTOTYPE



Towing capacity	up to 50 000 kg
Engine power	600 h.p.
Max. speed	85 km/h

MZKT-79086 (12X12) TRANSPORTER



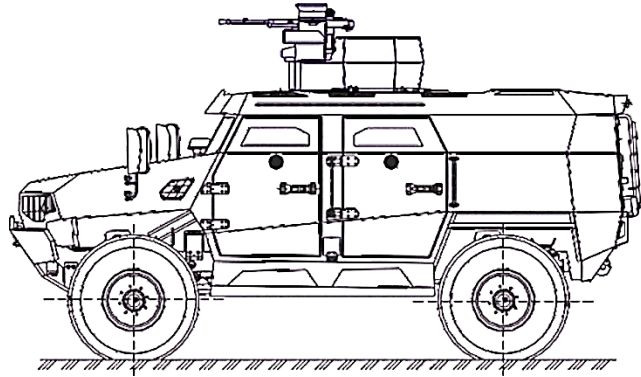
Load capacity	55 000 kg
Engine power	720 h.p.
Max. speed	75 km/h

MZKT-4901(4X4) LIGHT ARMORED VEHICLE

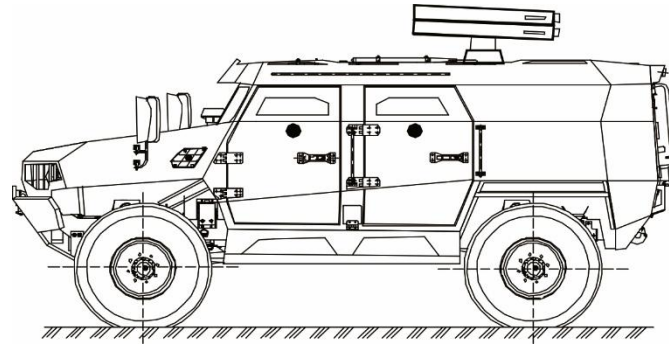


GVW	12 000 kg
Engine power	240 h.p.
Max. speed	110 km/h

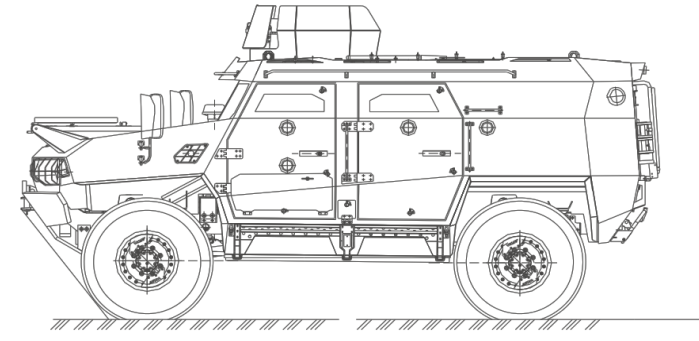
MZKT-4901(4X4) LIGHT ARMORED VEHICLE - APPLICATIONS **VOLAT**



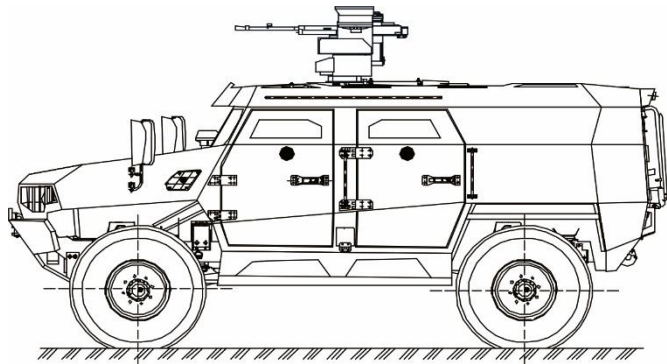
Armored vehicle with protected combat module



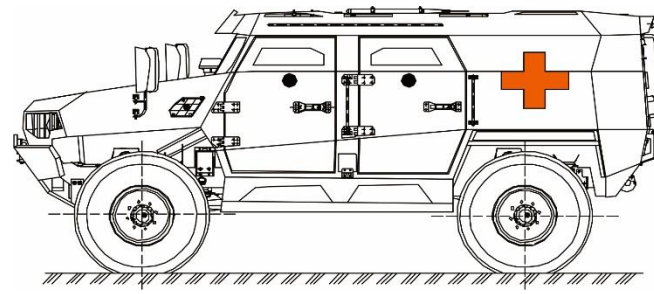
Armored vehicle with ATGM launcher



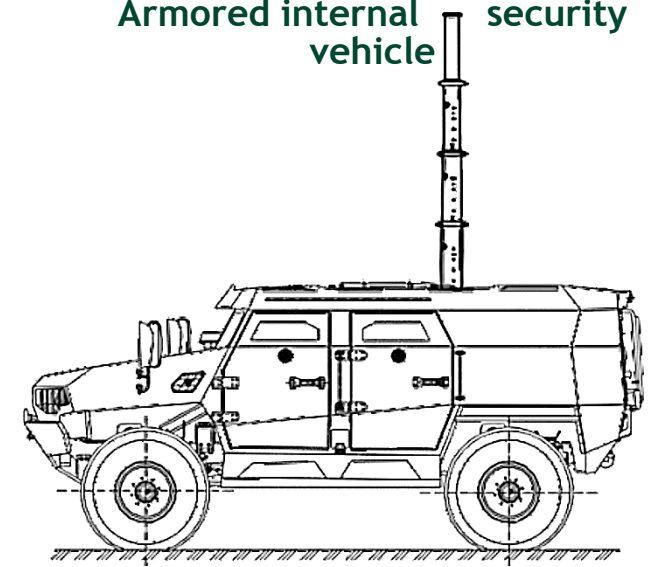
Armored internal security vehicle



Armored vehicle with ROWS



Armored medical evacuation vehicle



Armored electronic warfare station

THANK YOU
FOR
YOUR ATTENTION!!!

VOLAT



Массы 1977 год монтаж ракетного комплекса «Молот»