



RUSSKAYA MEKHANIKA

JOINT-STOCK COMPANY

2018



FRONTIER 551i



FRONTIER 1000:
welcome to World premiere at:



Lappi Arena, Rovaniemi, Finland
Hall 1, TAYGA booth



JSC “RUSSKAYA MEKHANIKA” is an OEM factory



JSC “Russkaya Mekhanika”

is a Russian company that produces snowmobiles, ATVs and UTVs.



Own testing laboratory



Management quality system
complies with ISO 9001:2008

JSC“RUSSKAYA MEKHANIKA” in figures:

- ✓ **800 EMPLOYEES**

- ✓ **35 000 M² OF OWN PRODUCTION AREA**

- ✓ **OVER 400 UNITS OF OWN PRODUCTION EQUIPMENT**

- ✓ **140 PARTNERS IN DIFFERENT REGIONS, WHO OPERATE OVER 200 TRADE AND SERVICE CENTERS IN RUSSIA, EURASIAN ECONOMIC UNION (EAEU) AND EU**



Company address: No.22 Tolbukhina st., Rybinsk city, Yaroslavl region, 152914, Russia

COMPANY HISTORY

1971



Development and start of production of the first snowmobile model in USSR, "BURAN", at Rybinsk jet engine manufacture plant ("NPO Saturn" nowadays)

1999



Start of "TAYGA" snowmobile production. The same year "TAYGA" was awarded a title "100 best Russian goods"

2005



JSC "Russkaya Mekhanika" (RM) foundation as an independent company. Prior to this, snowmobiles production had been carried out at "NPO Saturn", the jet engine manufacture plant

2010



Development and production of a new product - the first Russian ATV named "RM"

2011



"RM" celebrates its 40th anniversary of the snowmobile-making industry in Russia. 400 000th snowmobile leaves the assembly line

2013



"TAYGA" lineup extension. Start of "TAYGA Patrul" with 4-stroke engine and "TAYGA Varyag" models serial production

2015



"RM" ATVs lineup development. Start of "RM 500-2", "RM 650" and "RM 650-2" serial production

2016



Start of "RM 800" ATV, "RM 800 UTV", "TAYGA Patrul 800 SWT" snowmobile mass production. Nowadays "RM" produces 12 models of snowmobiles and 10 models of ATVs/UTVs.

2017-2018 ACHIEVEMENTS

7 models of RM snowmobiles passed **European certification CE**



Launch of new snowmobile model **RM VECTOR 551i** with new modular light-weight platform. The aim of this models is to win hearts of European snowmobile lovers also.



Spare parts supplies and after-sales service has been transferred to an independent specialized company “**RM PARTS**” – to provide more flexible and customer-oriented.



Launch of the most tough model of Buran family to Russian market – **BURAN LEADER**



COMPANY PRODUCTS



RM Vector 551i
snowmobile



TAYGA snowmobile
4 models



RM ATVs
6 models



TIKSY
snowmobile



BURAN snowmobile
2 models



RM 800 UTV



Snowmobile engines: RMZ 250 / 500 / 550 / 551 / 640)
 Transmissions for snowmobiles (CVTs / gearboxes)
 Parts and assembly units for snowmobiles, ATVs and UTVs

EUROPEAN CERTIFICATION CE:

7 models of RM snowmobiles passed European certification and got Certificates of Conformity for sales in EU:

TAYGA FRONTIER 1000

MRSP FIN: 11 900 €



International Center for Quality Certification - ICQC Ltd. 63-19, Shabolovskaya str., Jaroslavl, 151-2014, Leningrad region, Russia Phone: +7 853 2108771 E-mail: info@icqc.ru www.icqc.ru ICQC Accredited Body No. 2549	
CERTIFICATE OF CONFORMITY ATILISTAS SERTIFIKATS	
No. 1-189-259/2018	
Holder of Certificate: Production name:	RUSSKAYA MEKHANIKA JSC 22, Tolshkova street, Rybnik, Tver region, 152914, Russia Web: www.go-rm.ru Phone/Fax: +7 853 2102020 phone: +7 800 700 29 33, e-mail: r.madev@go-rm.ru
Product name, model: Product name, address:	Snowmobile "TAYGA FRONTIER 1000" RUSSKAYA MEKHANIKA JSC 22, Tolshkova street, Rybnik, Tver region, 152914, Russia Web: www.go-rm.ru Phone/Fax: +7 853 2102020 phone: +7 800 700 29 33, e-mail: r.madev@go-rm.ru
Trademark: Date:	 2018
This product has been certified on the basis of the review of the technical file and the testing of the product sample. ICQC (International Center for Quality Certification ICQC Ltd. Notified Body No. 2549) hereby certifies that the product mentioned above complies with the requirements of the below listed Directives and Standards:	
Directive 2006/42/EC of the European Parliament and of the Council of 17 May 2006 on machinery (amended by Directive 2011/35/EU of the European Parliament and of the Council of 16 February 2011 on the harmonization of the laws of the Member States relating to electromagnetic compatibility) (notified in Official Journal of the European Union L 157, 22.06.2006)	
Directive 2014/53/EU of the European Parliament and of the Council of 26 February 2014 on the harmonization of the laws of the Member States relating to electromagnetic compatibility (notified in Official Journal of the European Union L 81, 17.01.2014)	
Used standards: Lower standard:	LVS EN ISO 12100:2011, LVS EN 55012:2009 / A1:2009, LVS EN 61000-4-2:2009, No. LECTC-FN-18-307 dated 09 May 2018 No. 1211-04-2014-8
Test reports reference: Certificate reference:	No. LECTC-FN-18-307 dated 09 May 2018 No. 1211-04-2014-8 dated 23 March 2018
Notes: 1. Technical statements contained in the technical file which are not included in Annex IV to the Directive 2006/42/EC on dangerous machinery with the exception of compliance of machines with the requirements of Directive 2011/35/EU on electromagnetic compatibility, shall be available for inspection by the competent authorities. 2. The certificate is valid only in respect of the declaration of conformity. 3. The certificate is issued for a particular product with the provision that manufacturer will not make any changes in the product. 4. The manufacturer is responsible for its correct use, maintenance and storage of technical documentation, as well as for the affixing of the CE marking.	Director of Certification: Sertifikatsijas direktors:
Date of issue: 04 June 2018 Certificate is valid until: 04 June 2023 Certificate No. 1-189-259/2018	

TAYGA FRONTIER 551i

MRSP FIN: 9 990 €



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Product name, model: Product name, address:	Snowmobile "TAYGA FRONTIER 551i" RUSSKAYA MEKHANIKA JSC 22, Tolshkova street, Rybnik, Tver region, 152914, Russia Web: www.go-rm.ru Phone/Fax: +7 853 2102020 phone: +7 800 700 29 33, e-mail: r.madev@go-rm.ru
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Date of issue: 04 June 2018 Certificate is valid until: 04 June 2023 Certificate No. 1-189-259/2018	

BURAN 4T

MRSP FIN: 6 290 €



International Center for Quality Certification - ICQC Ltd. 63-19, Shabolovskaya str., Jaroslavl, 151-2014, Leningrad region, Russia Phone: +7 853 2108771 E-mail: info@icqc.ru www.icqc.ru ICQC Accredited Body No. 2549	
CERTIFICATE OF CONFORMITY ATILISTAS SERTIFIKATS	
No. 1-221-245/2018	
Holder of Certificate: Production name:	RUSSKAYA MEKHANIKA JSC 22, Tolshkova street, Rybnik, Tver region, 152914, Russia Web: www.go-rm.ru Phone/Fax: +7 853 2102020 phone: +7 800 700 29 33, e-mail: r.madev@go-rm.ru
Product name, model: Product name, address:	Snowmobiles of models "BURAN 4T" and "BURAN 4T" RUSSKAYA MEKHANIKA JSC 22, Tolshkova street, Rybnik, Tver region, 152914, Russia Web: www.go-rm.ru Phone/Fax: +7 853 2102020 phone: +7 800 700 29 33, e-mail: r.madev@go-rm.ru
Trademark: Date:	 2018
This product has been certified on the basis of the review of the technical file and the testing of the product sample. ICQC (International Center for Quality Certification ICQC Ltd. Notified Body No. 2549) hereby certifies that the product mentioned above complies with the requirements of the below listed Directives and Standards:	
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Date of issue: 22 October, 2018 Certificate is valid until: 22 October, 2023 Certificate No. 1-221-245/2018	

Development of a new lineup of snowmobiles based on new lightweight modular platform



Serial production in 2018:

2-stroke RMZ-551 engine with EFI or carburetor fuel supply system by choice. 67 h.p.



To be put into serial production during the winter season 2018-2019:

4-stroke 1000 cc EFI engine, 80 h.p.



DURING LAST 5 YEARS “RM” HAS IMPLEMENTED SIGNIFICANT TECHNICAL RENOVATION OF THE PRODUCTION, THAT INCLUDES:

- Extensive renovation of blank workshop facilities, equipped with update frame welding machines
- New conveyor assembly lines for ATVs and UTVs
- New automatic powder coated painting line
- New automatic blanking and bending equipment
- Installation of new machining equipment
- Modern measurement and control equipment: optical emission analyzer of the alloys components and 3D-measurement machine



Snowmobiles assembling
in the conveyor



ATVs assembling
in the conveyor



Blanking and stamping area



Sheet metal bending area



Pipe bending area



Robotic welding area



Plastic injection molding machine workshop

The plastic injection machine area is equipped with 4 modern machines.



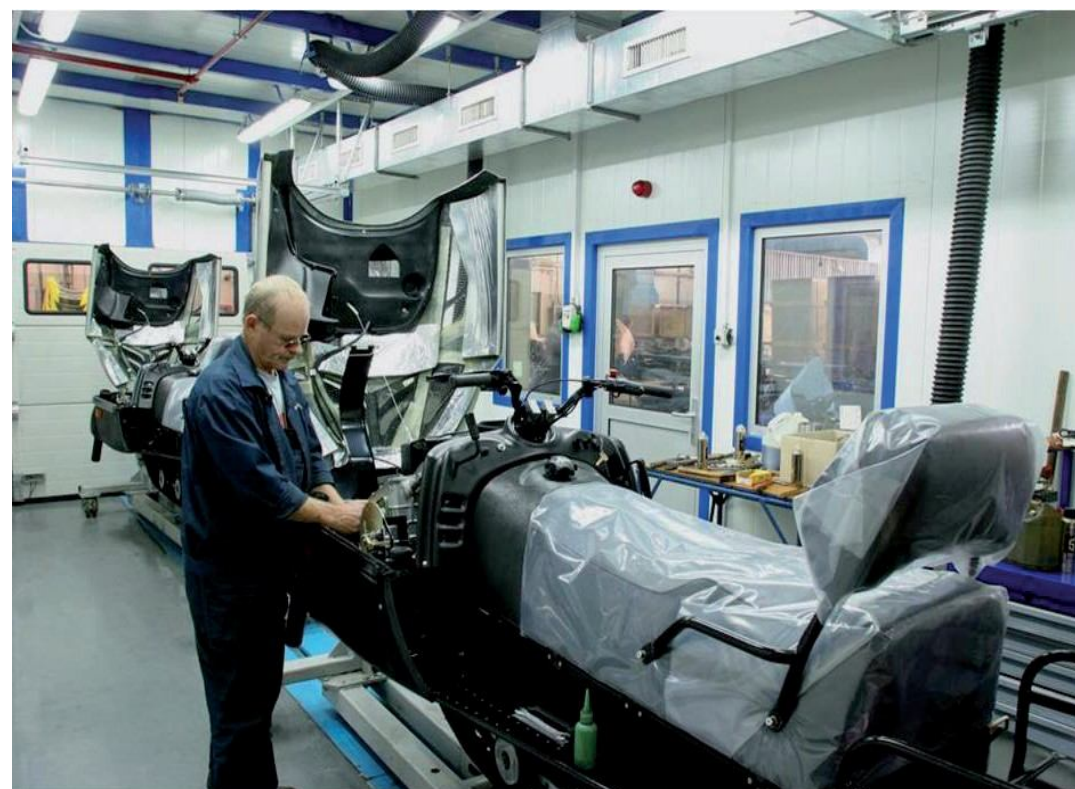


Automatic powder coat painting area



Metal parts machining area

QUALITY CONTROL IN PRODUCTION PROCESS



The assembly process for every CBU finishes with quality control by passing bench tests

QUALITY MANAGEMENT SYSTEM



DQS Certification

Certificate No.491975 QM08 on the Quality Management System conformation to the requirements of **ISO 9001:2008** standard.

Scope: design, manufacture and sales of snowmobiles, ATVs / UTVs and rubber parts of industrial application.

Successful annual confirmation and prolongation of the valid Certificate on the Quality Management System conformation to the requirements of **ISO 9001:2008** standard.



BUSINESS DEVELOPMENT TARGETS

	2018	2020
Sales, (thousand units)	11,4	20
Revenue, (billion RUR)	3,3	6
Share of export sales, (%)	2	12
Return on Equity (ROE), (%)	18	20



CORPORATE STRATEGY

STRATEGIC GOAL:

GROWTH OF SCALE, BASED ON ADVANCED
TECHNOLOGIES AND ORGANIZATIONAL INNOVATIONS

GOALS AND OBJECTIVES FOR 2017-2020:

1. Growth of the scale of “RM” business in snowmobile and ATV/UTV markets (off-road motor vehicles)

Leading position in the domestic market
and entering the global market

The vehicles' sales to go ahead of the market growth rate

Exploration of opportunities in foreign markets

Creation of the vehicles, that would meet the Global market's
requirements, including electrical vehicles

Launch of competitive Product to the Global market



CORPORATE STRATEGY (continued)

GOALS AND OBJECTIVES FOR 2018-2020:

2. Technological development

The technologies:
change of the value
added structure

Light-alloy parts manufacture

Expansion of composites use and of the
methods of their fabrication

Extension of the robot welding usage and
applying innovative welding methods

robotics and automation of the
assembling operations

Research & Development:
annual update
of the model lineup

Development of the range of vehicle
models using the unified modular
platform

Use of virtual design approach in R&D

Use of modern methods of prototyping
with additive technologies application

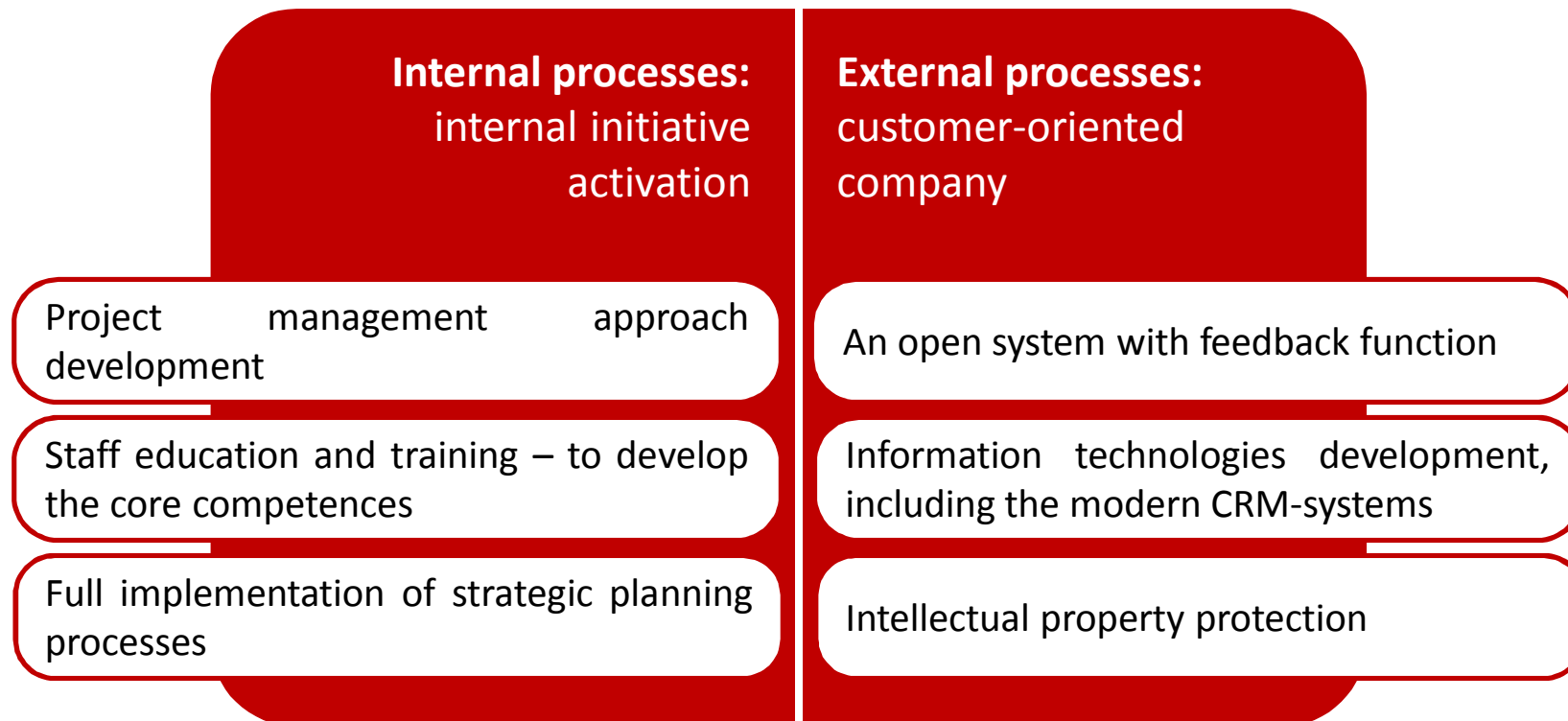
Cooperation with leading engineering and
design companies



CORPORATE STRATEGY (continued)

GOALS AND OBJECTIVES FOR 2018-2020:

3. Organizational development



CONTACT INFORMATION

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