

21–24.10.2019

Part of the Research-Technology-Innovations Expo Project

TECHNOFORUM



**MINPROMTORG
RUSSIA**



www.technoforum-expo.ru/en

Organised by



EXPOCENTRE



STANKOINSTRUMENT

**EXPOCENTRE Fairgrounds
Moscow, Russia**

**International Exhibition for Equipment
and Technology for Processing
of Construction Materials**

Supported by Russian Ministry of Industry and Trade

Under auspices of Russian Chamber
of Commerce and Industry

12+

NTI EXPO

(RESEARCH-TECHNOLOGY-INNOVATIONS EXPO)



According to the Russian Presidential Decree No.204 from 7 May 2018 on National Ideas and Strategic Targets of Development of the Russian Federation before 2024, the main efforts should be devoted to breakthrough scientific and technological development of Russia.

With this aim in view, the NTI Expo (Research-Technology-Innovations Expo) project was launched. It is a permanent platform for international and Russian congresses, exhibitions, and expert and public events.

Founders

the Russian Chamber of Commerce and Industry, VOIR – the All-Russian Society of Inventors and Rationalizers, EXPOCENTRE AO

Supported by

the Russian State Duma Committee on Education and Science

Chairman of the Organising Committee

Vladimir Kononov, Deputy of the Russian State Duma

Venue

EXPOCENTRE Fairgrounds, Moscow

NTI Expo Project

(Research-Technology-Innovations Expo)

April

Russian Week of High Technologies

- Sviaz International Exhibition for Information and Communications Technology
- Navitech International Exhibition for Navigation Systems, Technologies and Services

June

- **RENWEX International Exhibition** for Renewable Energy and Electric Vehicles
- **International Forum on Renewable Energy for Regional Development**

October

TechnoForum International Exhibition for Equipment and Technology for Processing of Construction Materials

November

Forum on Artificial Intelligence, Big Data and Russian Software: National Strategy of Digital Development

WELCOME TO RUSSIA'S MAIN AUTUMN TECHNOLOGY TRADE SHOW!*



TechnoForum is

- a platform to demonstrate innovative ideas and solutions which shape our way to technological progress,
- an open space to have discussions about research projects, creative experiments, educational projects and intellectual endeavours,
- a centre to promote science and research among schoolchildren, students and young professionals.



Organised by



Supported by



Under auspices of



7,041

visitors

from **42** countries

109 exhibitors

from **9** countries

7,712 sq m
of exhibition space

* Source: results of TechnoForum 2018

PRODUCT SECTORS



Integrated systems of science-driven high-performance production machinery for retooling of production facilities of basic processing industries



Metal structures, sheet metal working, coated sheets



new

Additive manufacturing.
3D printing



Machine tool systems and forming equipment for processing of metal, wood, stones, composite materials, polymer materials, etc.



Equipment and technology for production and installation of metal structures



new

Welding and related technologies



Retrofitting



Professional education, information materials, research and technical literature



new

Robotics and industrial automation

NEW SPECIAL PRODUCT SECTORS



Additive manufacturing. 3D printing

- Printing materials and raw materials
- Printing and machining equipment and technology
- Tooling, components
- Software



Robotics and industrial automation

- Industrial robots
- Production robotic automated lines
- Artificial vision for robotic systems
- Components and equipment for robotic systems
- Software for management of robotic systems
- Design technology, methods of modelling and design of robots and robotic systems



Welding and related technologies

- Joining, build-up and thermal cutting technology and equipment
- Electron beam welding
- Laser welding
- Thermal spraying technology
- Welding consumables and fittings
- Welding automation
- Galvanic equipment and technology
- Test equipment
- Technical diagnostics, NDT methods and devices
- Workwear and protective equipment, environment protection
- Welding equipment and technology certification

SUPPORTING EVENTS FOR PROFESSIONALS



Events

- Conference on Comprehensive Technologies for Upgrade and Modernization of Defense Industry Enterprises in Accordance with the Industry 4.0
Organised by the Stankoinstrument Russian Association of Machine-Tool Manufacturers, EXPOCENTRE AO
- Conference on Innovative Machine Building, Technologies, Tooling for Rolling Stock Manufacturing, Digital Production, Comprehensive Process Automation
Organised by the Stankoinstrument Russian Association of Machine-Tool Manufacturers, EXPOCENTRE AO
- Workshop on Robotization of Production
Organised by the Russian Association of Robotics
- Conference on Welding Technologies and Welding Automation
Organised by RENA SOLUTIONS
- Conference on Advanced Solutions for Additive Manufacturing
Organised by RENA SOLUTIONS
- Conference on Sheet Metalworking: Digital Methods to Increase Efficiency of Modern Production
Organised by RENA SOLUTIONS
- Panel on Advanced Technologies and High-Tech Equipment for Oil and Gas Enterprises
Organised by RPI International
- Russian Meeting of Patent Attorneys
Organised by VOIR – the All-Russian Society of Inventors and Rationalizers
- Workshop on the Human Factor as a Key to Success and Consistent Performance of Staff
Organised by Nation's Capital
- International Conference on Digital Economy and Industry 4.0. Theory and Practise
Organised by STANKIN Moscow State University of Technology
- Lecture on Digital Transformation of Industry
Organised by STANKIN Moscow State University of Technology



Supported by



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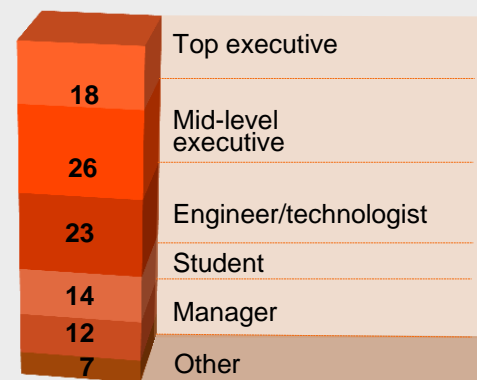
HIGH QUALITY OF VISITORS



Industry sectors, %



Job title, %



Visitor interests, %



Visitors from
42 countries

98%
Search for new sales leads

97%
Reached their goals

69%
Search for suppliers

EXHIBITORS: MAJOR RUSSIAN AND FOREIGN COMPANIES, LEADING TECHNICAL SCHOOLS



Russia and CIS

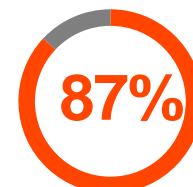
Weber Comechanics, Widis Group, Barus, Delta-Test SIC, Dukon, Irlen Engineering, Iskar, Laser Center, Lipetsk Machine Tool Plant, Pumori Corporation, MOSSklad, STANKO Group, Hoffmann Professional Tools, Balt-System, Lipetskiy Stankozavod Vozrozhdenie, StankoMashKompleks, Kosco, KEB-RUS, BelTapaz, etc.

Schools

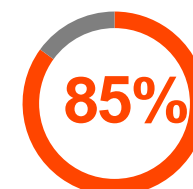
Blagonravov Mechanical Engineering Research Institute, Lomonosov Moscow State University, Bauman Moscow State Technical University, Moscow Aviation institute, STANKIN Moscow State University of Technology, MISIS National University of Science and Technology

Other countries

Fanuc Corporation (Japan), Siemens AG (Germany), Haitian International (China), Morse / Toolflo (USA), OKUMA (Japan), Oerlikon Balzers (Switzerland), TDC Cutting Tools (China), etc.



Reach goals



Would recommend TechnoForum to their partners and peers

PARTICIPANT FEEDBACK

87% of participants reach their goals at Technoforum



**Vladimir Labkovich, Director,
Institute BELORGSTANKINPROM**

“Our company takes part in other trade shows of Expocentre. But here our main goal is to start closer cooperation with the contacts we have made before. The fact that it is an international trade show is very helpful. We can network with leading foreign enterprises, exchange experience and learn their new approaches which can be useful to us. I would like to thank Expocentre for the perfect management of the show. We are going to take active part in trade shows in the future with a larger stand.”

**Maxim Kunevitch, Deputy Director for Commercial Affairs,
Gomel Plant of Special Instrument and Technological Equipment**



“We regularly take part in Technoforum within a group stand of the Ministry of Industry of the Republic of Belarus. It helps us to resolve some financial issues and have talks with clients who come to see Belorussian manufacturers specifically. We believe Expocentre Fairgrounds is a main place to hold such events. Presence here is a prerequisite for success. We take part in other events of Expocentre, and we try to have our stand at the same place so that our partners and clients can easily find us.”



Yakov Velts, Director, Ultrasound Systems

“It is our first time at Technoforum but we have already taken part in other events of Expocentre before. We show the visitors our equipment so that they can examine it closer, see how it works, and evaluate and appreciate it. I'd like to note that all visitors are industry professionals who come with well-defined requests. Technoforum gave us a lot of new contacts that is why we will definitely participate next year again.”

PARTICIPANT FEEDBACK

87% of participants reach their goals at Technoforum



Sergey Vasiliev, Head of Sales, Dukon

"We take part in Technoforum every year as it is a priority event for us. There are a lot of visitors and exhibitors here. It makes this event very beneficial for us. Starting from this year, the trade show will have a new trend. It is networking between suppliers, partners. It is face-to-face contacts. This new format gives us new networking opportunities. It will be beneficial for both intermediate parties and end users. We are going to come back to increase our opportunities."

Leonid Mitin, Business Development Director, Hision CIS

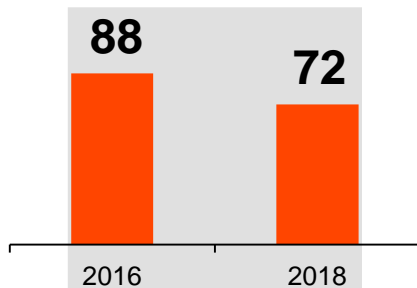
"It is the third year in a row that we have participated in Technoforum. Every year we try to make our showcase bigger and more diverse. Last year we had about 120 sales leads, and this year we are expecting to have about 180 of them. I'd like to note that there are a lot of visitors from Moscow and the Moscow region. The show itself runs during the time when companies prepare procurement plans for the coming year. It means that potential clients come here with technical specifications to have real talks, which helps us to discuss future deals in detail. Our company has long cooperated with Expocentre. We participate in many trade shows held at this venue. We are going to participate in these trade shows and demonstrate more equipment in the future."



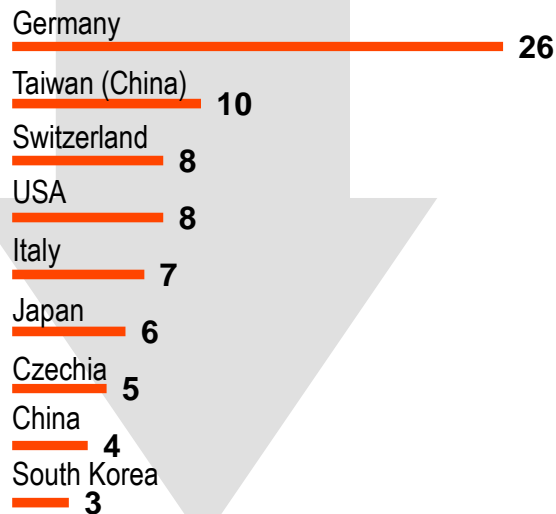
RUSSIAN MACHINE BUILDING MARKET*



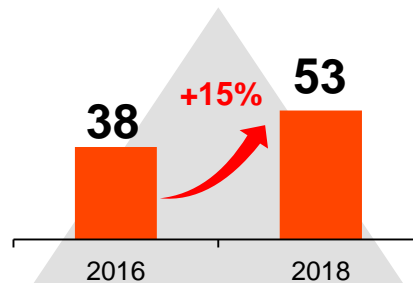
Import, %



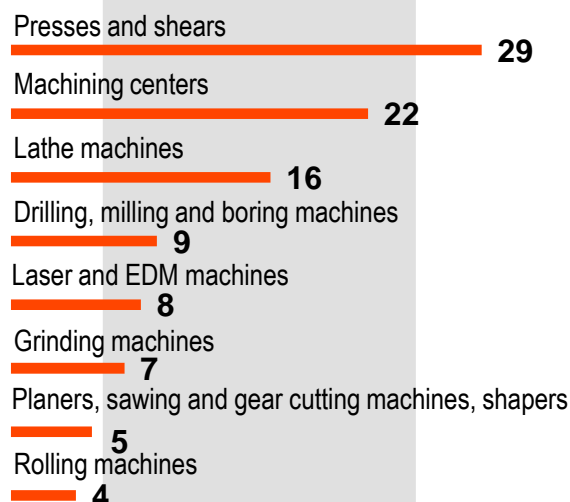
Key importers, %



Export, million USD



Export structure, %



Government support



Projects which can receive funding and support from the Industrial Development Fund

Financing programmes

Industry digitalization

Labour productivity

Machine tool manufacturing

Leasing projects

Development projects

Components

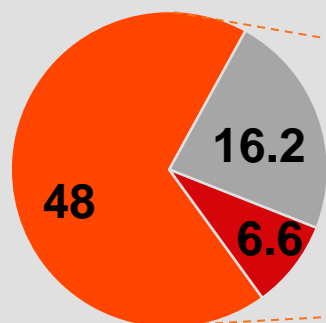
Budget
USD 1.4 billion

* Source: Stankoinstrument Association, 2018

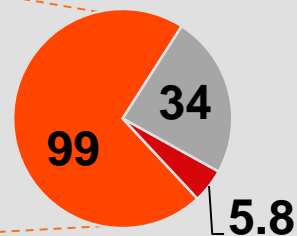
ROBOTICS MARKET*



Global robotics market, billion USD

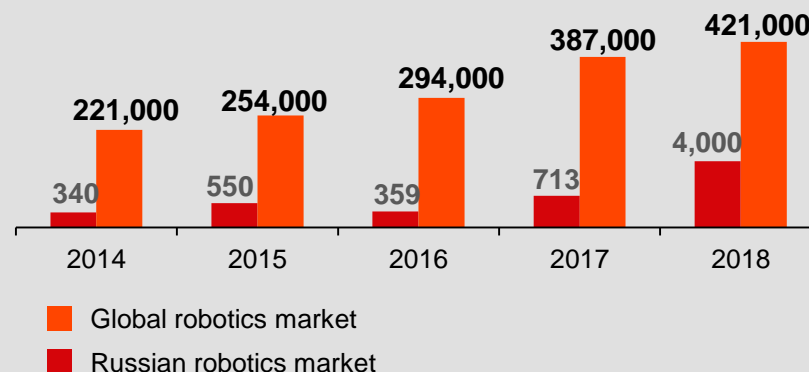


Russian robotics market, million USD

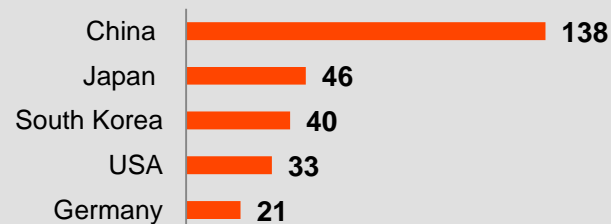


- Robotic systems
- Industrial robots
- Service robots

Industrial robots, pcs



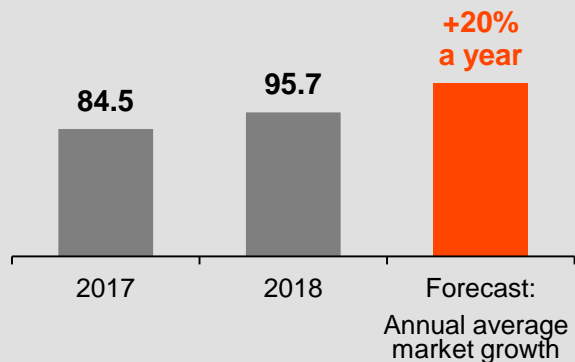
Largest suppliers of industrial robots, thousands pcs



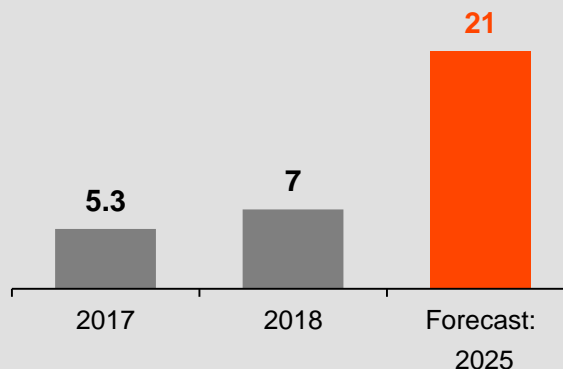
ADDITIVE MANUFACTURING MARKET



Volume of additive manufacturing in Russia, million USD



Volume of global additive manufacturing market, billion USD



30 companies manufacturing 3D printers in Russia



700 industrial 3D printers in Russia

60 pcs (9%) for metal powder printing

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TECHNOFORUM

SEE YOU AT TECHNOFORUM!

Venue

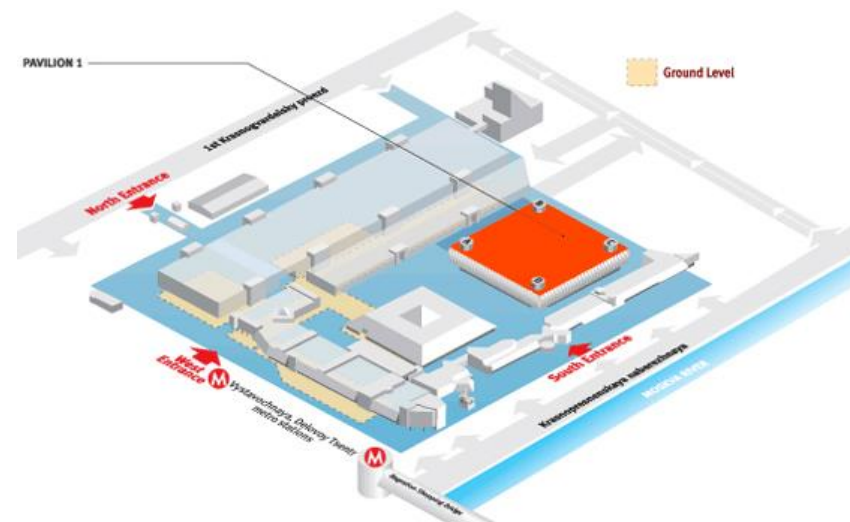
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Event management

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