

POST RELEASE

Moscow, 13 November 2023

Weldex and Fastenex 2023 exhibitions: new attendance records, hundreds of new welding and cutting products, as well as a large-scale demonstration of fasteners and industrial supply

On October 10-13, the Weldex 2023 exhibition, the largest International Exhibition of Welding Materials, Equipment and Technologies by the number of exhibitors and visitors ran successfully in Crocus Expo International Exhibition Center, Moscow. The new Fastenex exhibition held at the same venue with Weldex ran for the first time and with great success as well.

This year the Weldex exhibition reached new heights. An absolute record in the number of visitors, hundreds of exhibitors and an almost doubling of the exhibition space - this marked Weldex 2023. For the first time, the new exhibition Fastenex opened its doors - large local and international companies presented fasteners and industrial supply.

Key results of Weldex 2023 key results: all records broken

- **6 097** unique visitors from **74** regions of Russia and **14** countries (23% more than in 2022). This is an **absolute record in the entire history of the exhibition!**
- **168** manufacturers and suppliers of welding equipment and materials from Russia, Turkey, China and India. The number of exhibitors at Weldex 2023 was **27%** higher than in 2022
- **8 600** sq.m. Weldex and Fastenex exhibition space – an increase of 32% compared to 2022
- **1/3** of the companies took part in the exhibition for the first time
- **15** business program events and **60** speakers
- **80+** participants in the National Championship “Russian Welding Cup Weldex 2023” and the competition “Women in Welding”, **22** winners and runners-up

Fastenex: a new success story

49 companies from Russia and China took part in the first Fastenex exhibition. The new exhibition was visited by **4 170** specialists from **54** regions of Russia and **14** countries.

A survey conducted among exhibitors showed that **91%** of companies were able to find new clients at Fastenex 2023. This became possible thanks to a professional audience that knows what exactly they are looking for at the exhibition. According to the survey, **89%** of visitors came to Fastenex 2023 to find the products they needed and learn the latest trends.

In total, **6 891** specialists visited both Weldex and Fastenex exhibitions.

Weldex 2023 exposition

Innovative technologies, robotic solutions, high-quality equipment and materials for welding were presented at the stands of the exhibition participants. Local and international market leaders presented their products, including: *Castolin Eutectic, Cebora, Deka, Fubag, Goodel, Groit, Grovers, Megmeet, United Machinery, A3-Engineering, Agni, Acropolis, Arsenal-Metiz, Astrinsplav, Option-A, Vekprom, Vector Group, GRPZ, DeltaSvar, Euroboor, Eurotek, ITS-Engineering, Katran, Keramax, Kontur-92, Kron-SPB, Mashtekhnika, Metallstroysnab, MMK-Metiz, NITI Progress, Novostal-M, Roxisites, Rudetransservice, Rutector, SMD, SovPlym, Special Protection, Tesvel, Technograph, Technosvar, Technotron, Tekhresurs-M, Tokyo Boeki, Teta, Uraltermosvar, Ferrotrade, Foxveld, Quality Center, Welding Center, TsTS Vyborg, Cherepovets Welding Materials Plant, Everest, Electrode -Bor, Elloy, Esva, Echo+, Southern Industrial Group and others.*

In 2023, **more than 30% of exhibitors** presented their stand at Weldex for the first time. Among the new companies: *A3 Engineering, Acropolis, Alarm, Alpha Global, Bau, Boldrex, Option-A, VSD, Euroboor, Unity, Cryogen, Leader-M, MTL group, Optron-Stavropol, PBM, Sofpol, Spetszashita, Steel management, STK, TD Rotex, TDM Electric, Technored, Tekhresurs-M, Morozov Trading House, Spindel, Everest,*



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10–13 October 2023

Crocus Expo IEC, Moscow

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Companies demonstrated their products in **10** exhibition sections:

- Equipment and materials for welding
- Metal cutting equipment
- Industrial robots
- Equipment and materials for applying protective and hardening coatings
- Equipment for quality control of welded joints
- Tools and accessories for welding work
- Personal and collective protective equipment when carrying out welding work
- Edging equipment
- Soldering equipment
- Technical gases

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Innovative equipment at the stands of Weldex 2023 exhibitors

The **Southern Industrial Group** company presented robotic welding systems, a “**baykal**” **br10ig-14** laser welding robot with a 3000 W source and other equipment at its stand. The **DeltaSvar** company demonstrated **equipment for laser welding, cutting and cleaning** - 3 in 1. **Technotron**, a system-forming enterprise in Russia, presented its complex for shipbuilding - the **Skala Welding Complex**. High-quality welding materials, alloys and fluxes for soldering, wear-resistant plates, etc. were presented at the **NSM** (Novikov Special Materials) stand.

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The first **Portable Welding Academy** in Russia was demonstrated at Weldex 2023 by the company **Weld the Future**. There were three welding stations, a utility block, an area for studying theory and a locker room inside the mobile container. The **Teswel** company presented at the exhibition its new products - **Teswel industrial robots**: RTK for welding based on the Teswel robot with a load capacity of 6 kg and with a reach area of 1440 mm, RTK for milling based on the Teswel robot with a load capacity of 80 kg and with a reach area of 2600 mm, etc. **Plant welding materials DEKA** presented polished welding wire **DEKA SV-08G2S** - a universal solid steel wire.

FORSAGE welding machines - industrial welding equipment from a Russian manufacturer - were demonstrated at its stand by the **State Ryazan Instrument Plant**. Industrial welding and thermal cutting equipment was presented by **Deria**. **Technosvar** Technology Center presented at its stand new models for butt welding of rod/wire and a modified model of resistance spot welding.

[Exhibitors' products](#)

Fastenex 2023 exposition

Fasteners and industrial supply were presented at exhibitors' stands, including stands of: *SKREP, New Technologies and Materials, Changzhou Wujin Jiangnan Special Type Screw, SUZHOU GUANGYI STAINLESS STEEL FASTENERS, GEM-YEAR INDUSTRIAL, NINGBO WEIFENG FASTENER, Jiangxi Shine Hardware, BSC CORPORATION, ZHEJIANG JIAXING TUYUE IMP&EXP, Jiaxing Jinling Hardware Technology Joint Stock, Shanghai Windlion Hardwares, Dongguan Bomao Import and Export Trading, JIAXING YALAN FASTENER, Handan HengOu Fastener Manufacturing, Handan Changfa Fastener Manufacturing, Hebei Ruiye Fastener Manufacturing, HEBEI YUETONG FASTENERS MANUFACTURING, HANDAN ZHUOGUAN FASTENER MANUFACTURING, HANDAN RUISU FASTENER MANUFACTURING, Handan City Tiancong Fastener Manufacturing, Handan Jiangrui Metal Products and others.*

[Fastenex exhibitors 2023](#)

Fastenex exhibitors represented their products in **10** exhibition sections:

- Industrial Fasteners and Hardware
- Construction Fasteners
- Furniture Fasteners
- Fasteners for Electrical Wiring, Electrical Installation
- Assembly and Installation Systems



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- Fittings
- Industrial supply
- Consumables (drills, crowns, diamond and grinding products)
- Equipment for Fasteners Manufacturing
- Information Technologies



What were Fastenex 2023 exhibitors' novelties?

Hebei Ruiye Fastener Manufacturing Company demonstrated at its booth all kinds of anchor bolts, expansion anchor bolts, wedge anchors, screws, etc.

Shanghai Windlion hardwares presented its new products at the exhibition: special screws, disposable clamps and drilling fasteners directly attached to the cement wall. DIN934 M27-M100 hex nuts and Din6915 heavy hex nuts, ASTM A 194 2H/A563M 3/4'-4' were demonstrated by **Handan City Jiangrui Metal Products**.

Handan Ruimao Hardwares Manufacturer presented hex head screws (DIN 571), hanger bolt and other wood carving products at its stand. **Handan City Tiancong Fastener Manufacturing Company** presented DIN933 and DIN931 hex bolts, DIN934 hex nut, DIN975 threaded rod, etc. at the exhibition. **Tengzhou Bofan Hardware** presented its new products, namely M0.8-M2.5 stainless steel precision screw.

[Exhibitors' products](#)

Weldex and Fastenex exhibitors' feedback

"Weldex is an excellent opportunity to demonstrate the company's new products and developments in the field of welding technologies. The experience of participating in the exhibition this year has shown that the platform helps to make acquaintances not only with potential clients, but also with integrators. Representatives of companies from various industries were interested in our technical solutions. We received a variety of requests: welding, machine maintenance, palletizing, and automation of educational and laboratory tasks."

TESWEL

"We have been participating in this exhibition for many years in a row. Weldex allows us to show off our new products. We see a lot of specialists, a lot of visitors. From the first days we can say that the exhibition is a success. There are a lot of people, a lot of people interested. Weldex is an excellent platform for communication and presentation of your new products."

TECHNOTRON

"We have been participating in the exhibition for 5 years, and Weldex helps us to develop our business. We see a huge number of visitors every day this year. Weldex is an excellent exhibition for welding industry. We will definitely participate in the exhibition next year."

MODI HITECH INDIA

"ALLOY has been participating for a long time at the Weldex exhibition. Our key task is to show ourselves, the model range. The exhibition allows us to meet with a lot of promising partners. We develop our dealer network and representation in different regions of the Russian Federation with the help of the exhibition. For example, now at Weldex 2023 an agreement has been reached and there will be signed a contract stating that we obtain a powerful representative across Siberia, which will promote our welding equipment in this region."

ALLOY

Fastenex exhibitors also shared their impressions of the exhibition:

"In addition to the number of clients, I am pleased that the regions represented at the exhibition are almost all regions of Russia, from St. Petersburg to the Far East. There are already preliminary agreements to conclude mutually beneficial contracts."

SKREP

"At the exhibition we met new clients and expanded our client base. Some come to our stand directly to discuss contracts and supplies. We are already directly concluding contracts right at the exhibition - applications are already being sent to the post office, we sell and issue invoices. We plan to participate next year."

NEW TECHNOLOGIES AND MATERIALS

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Premieres of the business program 2023

Weldex and Fastenex were accompanied by a rich business program of 15 professional events, in which 60 experts spoke within 3 show days. The business program attracted 530 listeners, which is 42% more than last year!

It is worth noting that 8 events of the program were completely new and touched on topics that had not previously been covered within the exhibition. **Among the premieres of the business program:**

- **Round table “State measures to support welding production. Real cases and prospects”**

Issues of state regulation regarding confirmation of the production of welding equipment of the Russian Federation were discussed (GD of the Russian Federation dated July 17, 2015 No. 719). Vorontsov Vladimir Yurievich, consultant of the department for the development of modern means of production of the Department of machine tool building and heavy engineering of the Ministry of Industry and Trade of the Russian Federation, and Ilychev Evgeniy Aleksandrovich, Director of the Department of the Chamber of Commerce and Industry of the Russian Federation, noted the list of requirements for submitting an application for inclusion in the register of industrial products produced in the territory of the Russian Federation, talked about the point-rating system for assessing the level of localization of production.

- **Practical seminar “Interaction with BRICS countries in the field of welding and related technologies”**

Anastasia Valova, Managing Partner of Sinoruss LLC, spoke about Russia's participation in BRICS and prospects in international trade. Radnaeva Surana, General Director of Sinoruss Consulting, shared current information about the prospects for Russian-Chinese partnerships and their advantages for long-term cooperation.

- **Panel discussion “Welding at hazardous industrial facilities. Cases and practical aspects”**

The topic “National and interstate standardization in the field of welding” was revealed by Svetlana Mikhailovna Chuprak, Head of the Department of Standardization and Technical Regulation of the SRO Association “NAKS”. The expert spoke about quality control of welded products, presented a group of standards that regulate the field of welding equipment and materials, and explained that standards for their testing, as well as labeling standards, are being developed in order to import substitution of welding materials.. Standards for welding and surfacing technology, and a welding production certification system were also reviewed.

The report “Labor market - systems of professional training and qualification confirmation in the field of welding, non-destructive testing and testing: analysis, forecasts, solutions” was presented by Alexander Ivanovich Chuprak, Deputy General Director of the SRO Association “NAKS”, Chairman of the Council for Professional Qualifications in the Field of Welding, Responsible Secretary of TC 364 Welding and related processes.

Sergey Vladimirovich Kuznetsov, Technical Director of the SRO Association "NAKS", told the audience about the regulatory regulation of welding production at hazardous industrial facilities. He explained how compliance with the basic parameters of welding production is ensured, why certification is needed and whether there is voluntary certification within the framework of No. 184-FZ.

The burning issue of import substitution in welding production at hazardous industrial facilities was revealed by Egorov Roman Viktorovich, Head of the Technical Department of the SRO Association "NAKS".

- **Session “Control of the formation of defects in welded structures and their correction. Flaw detection and NDT in welding”**

During her speech, Irina Nikolaevna Ponomareva, Head of the International Process Certification Body NUC “Control and Diagnostics,” identified problems during testing. This is the choice of testing standards and acceptance levels, recognition of control results, ensuring independence and impartiality, as well as the convergence and reliability of results.

The Executive Director of Formula NK LLC, Khotuleva Larisa Sergeevna, spoke about magnetic particle and capillary inspection of welded joints, the possibilities and difficulties of import substitution. The speaker emphasized: the introduction of



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sanctions affected the industry due to the almost complete absence of Russian-made consumables.

- **Session “Laser welding. Additive technologies”**

Nikolay Vitalievich Grezev, Ph.D., Head of the Laser Technology Development Department, IRE Polyus, spoke about a series of high-power fiber lasers, universal robotic and specialized systems for welding large and small diameter pipes, noted the annual growth of the photonics market by 10–15% and shared an example of the use of laser welding technology for sidewalls of subway cars, as well as the LWT-10000 mobile moving system for hybrid welding.

Oleg Vladislavovich Panchenko, Ph.D., Director of the Kawasaki-Polytech Center, Head. LLMK Peter the Great St. Petersburg Polytechnic University, spoke about electric arc growing of aluminum billets.

Zemlyakov Evgeniy Vyacheslavovich, deputy. Director of ILIST St. Petersburg State Medical University for scientific and design activities spoke about the technological capabilities and advantages of laser and laser-arc welding, experience in growing bimetallic structures and the characteristics of direct laser growing technology.

Akhmetov Alexander Dmitrievich, Engineer of the Technological Department of OPLIEFT ILIST, shared the results of a study of experience in welding stainless steel and dissimilar materials, as well as hybrid laser-arc welding (GLAW) of high-strength steels, copper, aluminum and titanium alloys.

Dmitry Olegovich Savelyev, engineer of the technological department of AT ILIST, spoke on the topic “Laser welding of parts of industrial gas turbine installations from dissimilar materials.”

Mikhail Olegin, General Director, Pokkels and Mikhail Pavlenko, General Director, RVT National Welding School, said that the company has developed an automated laser welding system, which is used in assembling car steering systems. By using laser welding, the gap between production steps has been reduced from several hours to several minutes. Mikhail Pavlenko spoke in detail about the joint project between Pokkels and RVT on training in laser welding, noting that at the moment there is a shortage of qualified personnel and centers for their training.

- **Round table “Education and training”**

The first to speak was Nadezhda Nikolaevna Volkova, President of the All-Russian Public Organization RNTSO: “The programs being developed for specialists today do not allow them to fully master all types of welding. Only the collaboration of an educational institution with production can show proper results. Of course, attempts are being made to “retain” the specialty, but complex work and support from organisations are still needed. Therefore, send your proposals to RNTSO with a request to resume training in the specialty “Welding Production.”

Alexander Vasilyevich Mullin, First Deputy Director of the Scientific Center for Control and Diagnostics, shared details about international training programs and their correlation with the Russian education system.

Sergey Yuryevich Petrov, Head of the Head Center for Welding Technologies in Transport, expressed his professional opinion on modern welder training.

Traditionally, the exhibition hosted such important events as:

- Plenary discussion “Welding production in the Russian Federation: development prospects”
- Scientific and practical conference on aluminum welding “New in welding, cutting, surfacing in the production of products from aluminum and aluminum alloys”
- Session “Robotization of welding production”
- Practical seminar “Promotion in social networks for welders”

Partners of the exhibition business program: MMAGS, RNTSO, Deria, ELSVAR, Sinoruss, Aluminum Association, SPC KROPUS, Consortium of Robotics and Intelligent Control Systems, RWT.

[Business programme 2023](#)

They confirmed their professionalism in practice: the National Championship “Russian Welding Cup Weldex 2023” and the competition “Women in Welding” were held



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Every year, professional championships and competitions are held at Weldex. This year, welders proved their skills at the National Championship "Russian Welding Cup Weldex 2023" and the "Women in Welding" competition.

As part of the championship, participants were assessed in two categories: "Best professional welder 2023" and "Best young welder 2023". In each category there were three nominations for different types of welding. The winners and laureates of the Championship were **18** welding professionals.

A professional competition "Women in Welding" was also held, aimed at recognizing the merits of female professionals in the welding industry. "Women in Welding" is a unique competition, the only one in Russia and the CIS countries on this topic. Based on the results of the competition, winners were determined in **4** nominations: "Woman Leader", "Woman Engineer", "Female Teacher/Mentor", "Woman Welder".

In total, 80+ specialists from 20 regions of the Russian Federation and Belarus took part in the Championship and competition.

The results of the competitions were announced at the awards ceremony on October 12, 2023. All winners and runners-up received honorary cups, diplomas and valuable prizes from the Sponsors of the Championships and competitions.

Competition partners: MMAGS, RNTSO, Cryogenmash, SovPlym, Svarog, TSS, Control and Diagnostics, ALLOY, Weld the Future, Moscow Region College "Energy".

New competition! Best projects in welding and related technologies 2022-2023.

This year, for the first time at the Weldex exhibition, a competition was held to identify the best projects implemented by managers of welding production - chief welders or representatives of the management team, whose responsibilities include the functions of chief welders in their companies (Technical Directors, Chief Engineers, Chief Technologists, Chief Metallurgists, Chief Mechanics).

The winners of the competition were:

- The project of GSP-2 LLC on the development of the Cenomanian-Aptian deposits of the Kharasavey gas condensate field, which was defended before the jury by Ivan Andreevich Mamontov, the company's Chief Welder (nomination "Best projects for the development of advanced technologies")
- Research and development of technologies for diffusion welding of dissimilar materials," which was discussed by Anatoly Vladimirovich Lyushinsky, General Director, Doctor of Technical Sciences, Professor, Aerospace Technologies LLC (nomination "Best projects in the field of scientific developments")
- Universal compact welding video camera Smartmetal KamA, equipped with a built-in laser illumination module and a cooling system, which was presented by Evgeniy Nikolaevich Golovin, General Director of Smartmetal LLC. According to the specialist, such a development gives the welder a high-quality picture and shows the process of melting the metal and forming a seam. (nomination "Import independence in welding")

The Weldex team expresses gratitude for the support of the 2023 exhibition

The Weldex 2023 exhibition thanks for the official support the Ministry of Industry and Trade of the Russian Federation, the Department of Investment and Industrial Policy of the City of Moscow, the Ministry of Investment, Industry and Science of the Moscow Region, the Moscow Interindustry Alliance of Chief Welders.

General Media Partner: Magazine «Welding Manufacture», Publishing House "Mechanical Engineering Technology"

General Multimedia Partner: Portal/Magazine «Websvarka»

General Exhibition Partner: ELSVAR

Sponsor of the non-destructive testing section: [Research and Production Center for Non-Destructive Testing «ECHO+»](#)



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Fastenex Sponsor: [King Pluse](#)

Industry media partners of the exhibition: Aluminum Association, Association of Pipeline Systems Manufacturers, Alliance of Welders, Magazine / Portal "Territory Neftegaz", RIC "Technosphere" (Magazines "Stankoinstrument", "Electronics", "Photonics", Magazine "Industrial Pages", Magazine / Portal "Korabel.ru", Portal "Shipbuilding Info", Industry information agency "Energy News", Magazine "Electrical Engineering Market", Specialized industry Internet portal "Marketelectro.ru", Magazine / Portal "Web welding", Magazine "Rhythm of Mechanical Engineering", Magazine "Additive Technologies", International portal "Discover New Russia!" and others.

23-я Международная выставка сварочных материалов, оборудования и технологий Weldex состоится 8–11 октября 2024 года в МВЦ «Крокус Экспо». На одной площадке со 2-й Международной выставкой крепежа и оснастки Fastenex. The 23rd International Exhibition of Welding Materials, Equipment and Technologies Weldex will take place on October 8–11, 2024 at the Crocus Expo IEC. Co-located with the 2nd International Exhibition of Fastenex Fasteners and Equipment.



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