GmbH









AVK GmbH







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Welcome letter



Dear partners and colleagues,

If you are faced with the task of equipping a sporting venue of any complexity (from a school sports ground to an Olympic stadium) or you need to buy reliable sports equipment, our company will be glad to help you.

AVK GmbH has been operating in complex equipping of sports facilities all over the world for more than eight years. Up to the present day more than 100 full- size sports facilities were equipped by AVK GmbH. Among these objects there are both sports venues that host important international competitions (World and European Championships, Olympic Games, Universiades, European Games and national championships) and mass sport venues: school sport halls, swimming pools and fitness clubs. We represent over 50 well-known brands that are official partners of various international sports federations and the International Olympic Committee.

All the equipment supplied by AVK GmbH fully complies with the international competitions rules and meets all the respective federations requirements. We guarantee our customer certification by international sports organizations of all sports facilities equipped by our company.

With best regards and looking forward to a fruitful cooperation,

AVK GmbH CEO Alexander Kraft



Locations of our projects



"I am proud of my team. It's a tower of strength, a cohesive group of people, united by the same interests and goals - to increase greatly the success of AVK GmbH. There are specialists with unique competences collected in our team in-

cluding professionals with more than 20 years of experience in the industry of sports equipment. Besides among our employees there are professional coaches and athletes. In tense moments these people prove themselves: they show total dedication, commitment on results and expert knowledge. With such partners you can safely go on the "war-path" and achieve goals".

Victoria K., AVK GmbH president



- Kazakhstan
- Ukraine





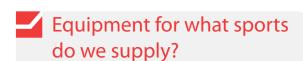
European Games in Azerbaijan. Currently we continue to target the CIS market. For example, we participate in the global pro-

gramme on providing schools in Kazakhstan with sports equipment and development of sport and fitness complexes across Kyrgyzstan. But we do not rest on our laurels, in the last few years we have been actively working in other countries such as Montenegro, Austria and Switzerland. Very soon the geography of AVK GmbH projects will expand. We actively communicate with potential partners from Australia, the UK and Iran. We are open for partnership with companies worldwide".

Alex P., AVK GmbH head of sales department



AVK GmbH - at a glance



Swimming Diving Water polo Artistic swimming Water fitness

Water sports

Football Basketball Handball Volleyball Beach sports

Team sports

Athletics

Competitive sports

Weightlifting and fitness

Hockey Biathlon Short track Speed skating

Winter sports

Sports gymnastics Artistic gymnastics

Gymnastics

Rowing and canoeing



Equipment selection

Installation work

Insurance and delivery

Maintenance service



Sports equipme



"The activities of our company can be characterized with the word "complexity". If the customer involves us in equipping of a sports facility, he does not need to organize himself selection of equipment in accordance with the rules of sports fed-

erations, delivery of equipment, installation and setup. All these works will be professionally done by our company. We supply and install all types of equipment that may be needed in equipping a sports facility, from a cloak-room ticket with your company's logo to the most complex timing systems".

Anatoly S., AVK GmbH head of IT department



"Task solution of equipping the highest level venues is not just a beautiful phrase. Nowadays equipping of the Olympic, World and European championships venues that host competitions in various sports is in fact a common task that engi-

neers and managers of AVK GmbH carry out in 100% of cases in time and without quality loss. In addition to the level of complexity, we keep up with the times and provide our facilities with up-to-date equipment. It is proven by complex objects among which are rowing channels, modern swimming pools-transformers, bobsleigh tracks".

Michael S., AVK GmbH project manager

Facilities of what types do we equip?

Stadiums

For track-and-field For football

Sports complexes

Specialized Multifunctional

Swimming pools

For gymnastics For martial arts

Rowing channels

Biathlon tracks



Equipment of what type do we supply?

Sports equipment Scoreboards Refereeina Electronic and timing systems equipment Electronic systems Tribunes and seats Equipment General for changing rooms Furniture and equipment equipment for other areas

Equipment of what level do we supply?

Bobsleigh tracks

Fitness centers

School halls

Ice rinks

Highest international level competitions (Olympic games, Universiades, world championships, continental championships)

Professional equipment

Quality equipment for mass sports (equipment for fitness centers and schools)



Our services

We are ready to provide you a range of services including consultations on development of a project, supply, installation and maintenance of sports and technological equipment at sports facilities of any level. If you work with AVK GmbH you won't need to interact with a large number of suppliers, logistic and insurance companies, installation teams, service companies. Cooperation with AVK GmbH will save your time and effort.

Equipment selection

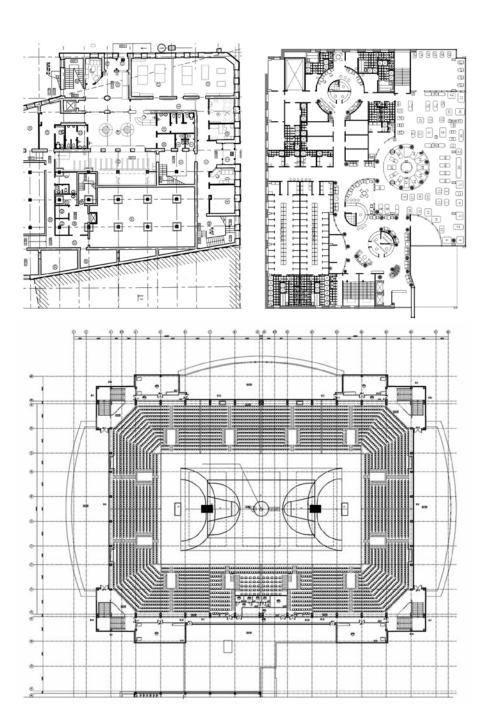
Specialists of AVK GmbH select and place sports equipment on the site plan, then prepare specifications and price lists.

During the work the designers of AVK GmbH are guided by the follow principles:

- Applicable rules and regulations of sports competitions;
- Requirements of international sports federations;
- Location of necessary rooms/areas for training and competition;
- Compliance of construction project to declared objectives.

A strong focus is put on essential human needs like comfort, safety, rationality and ergonomics.

The specific choice of equipment for a certain facility is determined by its status and the technical features and the set budget. Specialists of the company find optimal solutions that meet the above criteria.





Insurance and delivery

AVK GmbH cooperates with leading time-proved insurance and shipping companies that ensure reliability, efficiency and security of logistics operations.

All deliveries of our company's equipment are supplied with a full set of transport and technical documents, certificates, passports and user manuals.

Cooperation with our company in this area is convenient, safe and profitable.





More detailed about our services

Installation work

Our professional team installs sports equipment onsite, lays floorings, installs, starts up and adjusts video-screens, complex electronic systems and related structures.

At each facility specialists of AVK GmbH train the customer or his representatives how to operate the delivered equipment. During the training the operating personnel is acquainted with the instruction manuals for the equipment.









"Experience and knowledge of the AVK GmbH specialists enable us not only to fulfill contractual ob-

ligations, but also to assist the customer in resolving different construction shortcomings (e.g., lack of construction readiness of a particular structure) which sometimes must be eliminated as quickly as possible. Such situations occur quite often and AVK GmbH always provides all possible assistance to its partners even if the issue is not its work task competency".

Michael F., technical director, with more than 20 years work experience in the industry of sports equipment





Water sports







Professional equipment for competitions and training certified by FINA and LEN for water sports: swimming, diving, water polo and artistic swimming; equipment for water fitness and water entertainment.

Technical equipment for swimming pools:

- Mobile bulkheads for swimming pools
- Starting platforms
- Storage reels for dividing lanes
- False start and backstroke stands, ladders
- Underwater vacuum cleaners
- On-water safety video systems

- Specialized plastic furniture for the pool area, equipment storage
- Anti-slip floor covering for swimming pool bypass
- Equipment for water aeration below the diving platforms
- Movable pool floors



Professional equipment for swimming and diving certified by FINA and LEN:

- Starting blocks
- ② Dividing lanes
- Touchpads and turning panels
- Oiving boards

- Training equipment and accessories for swimming and diving (stopwatches and training clocks, medicine balls, fins, weights, floats and others)
- ⑤ Specialized training machines for swimmers



The Aquatic Palace, Baku (Azerbaijan)

The Aquatic Palace is an iconic sporting venue of Azerbaijan and fully compliant with the requirements of the International Swimming Federation.

The Aquatic Palace has three swimming pools. One pool is an Olympic-size swimming pool and was designed for different types of competitions at local and international levels. The pool for diving has a five-stage platform for high board diving from a height of 3, 5, 7.5 and 10 meters. 6,000 spectators can watch sports competitions in the palace.





AVK GmbH supplied complex equipment for the Aquatic Palace: equipment for swimming, diving, artistic swimming and water polo as part of preparation for the European Games 2015 in Baku.





Water sports







Professional equipment for water polo certified by FINA and LEN:

- Goals and field markings
- Catwalks
- Accessories for water polo (balls, swimming caps and others)



Complex acoustics solutions for artistic swimming.

Training equipment and accessories for water fitness and aquaparks:

- Attractions for aquaparks
- @ Grips and barbells
- Equipment for leisure (deck chairs, benches)
- Equipment for aquafitness

- Storage racks for accessories
- © Emergency equipment
- Water and underwater games (basketball, volleyball, water polo)



The Aquatic Palace, Kazan (Russia)

The Aquatic Palace is one of the biggest sports facilities in Russia, built for the Universiade 2013 in Kazan.

The Aquatic Palace has one peculiarity, it is the movable floor installed in the swimming pool for diving and in the swimming pool for competitions. The technology enables to change the depth of the swimming pool depending on the event. Besides the pool for competition is provided with a mobile bulkhead that enables dividing the pool into two parts of 25 meters each.

The tribunes of the Aquatic Palace can receive up to 4185 spectators.





AVK GmbH supplied equipment for swimming, water polo and diving.







Team sports





Professional equipment for competitions and training certified by international federations for team sports: basketball, volleyball, handball, football and beach sports.

Professional equipment for basketball certified by FIBA:

- Mobile basketball backstops
- Wall-mounted and roof-mounted basketball backstops
- Specialized floorings for basketball courts (parquet, multifunctional synthetic coverings)
- Benches for substitutes
- Tables for judges
- Specialized machines
- Spare parts for basketball hoops, backboards, timers, indicators of possession, tactical boards, balls and additional equipment for basketball fields



Republic's velodrome "Saryarka", Astana (Kazakhstan)

Constructed in the shape of a racer's helmet the velodrome is a unique sports complex that not only possesses a cycling track but its 58 000 meters square surface area also contains a sports court, a fitness center, a swimming pool, a basketball court, an ice rink, as well as conference halls, a restaurant and a hotel. It is mainly used for cycling and basketball. The seating capacity of the arena is 9270.





AVK GmbH supplied and installed modern sporting parquet (made in Germany) and basketball backstops that meet all the requirements of FIBA. Sporting parquet and basketball backstops were installed on request of the basketball club "Astana" - one of the best Kazakhstan's clubs.







Team sports





Professional equipment for volleyball and beach volleyball certified by FIVB:

- Volleyball posts and nets
- Specialized floorings for volleyball courts (polyvinylchloride smooth multi-layered, rolled damping coverings)
- Referee towers
- Trolleys for equipment
- Specialized machines
- Additional equipment for volleyball fields (storage racks for posts, balls, net, scoreboards, stopwatches, timers, tactical boards)



Sport and fitness complex, Cholpon-Ata (the Kyrgyz Republic)

The sport and fitness complex in Cholpon-Ata was constructed and equipped especially for the World Nomad Games. The World Nomad Games are international sporting competitions in ethnic sports. The basis for these competitions provided national games of historically nomadic nations of Central Asia.





AVK GmbH delivered and installed sports equipment and furniture for the new sport and fitness complex: equipment for multipurpose team sports hall, changing rooms, hall, medical offices; furniture for administrative offices, entrance hall, furniture for cafe.





Team sports









Professional equipment for handball and beach handball certified by IHF:

- Specialized floorings for handball courts (polyvinylchloride smooth multi-layered, rolled damping coverings)
- Goals
- Benches for substitutes and judges

Professional equipment for football, futsal and beach football certified by FIFA and UEFA:

- Goals
- Seats for changing rooms
- Benches for substitutes
- Pitch tunnels
- Substitution boards
- Artificial synthetic grass all weather surface for football fields
- Training equipment (posts for groundmoves, cones, hurdles, mini goals, barriers, dummies, ball machines for goalkeeper training and standard positions)
- B Floorings for training fields
- Tactical boards, timers, stopwatches and balls and other accessories



"Kazan Arena", Kazan (Russia)

"Kazan Arena" is a football stadium of the highest fourth category of UEFA. It is the home arena of the Kazan football club "Rubin". One of the most capacious stadiums of Russia – it can receive 45379 spectators. "Kazan Arena" is the first football stadium in Russia built for the World Cup 2018.

"Kazan Arena" is a unique construction project because of the bolt bays that are more than 120 meters long and transparent roof console that bears against 8 support points.





AVK GmbH equipped changing rooms, halls for training, supplied seats for substitutes and pitch tunnel.







Athletics



Professional equipment for track and field competition certified by IAAF:

- Stands
- Bars
- Starting blocks
- 4 Landing areas for high jumping and pole-vaulting
- Take-off bars and measuring-rods for long jump and triple jump
- ① Hurdles and obstacles for steeple-chase
- Inventory for track and field (poles, javelins, discuses, shots, hammers)
- Beguipment for sectors
- Hurdles
- Flag posts
- Podiums



Stadium "Unost", Kaluga (Russia)

Stadium is used for competitions of regional and federal levels. After reconstruction of the stadium in 2012 it's also used as a training base for the national team of Russia in athletics.





AVK GmbH delivered and installed professional sports equipment certified IAAF for high jump, long jump, pole vault and steeple-chase.



Fitness and weightlifting





Professional equipment for weightlifting competitions and training certified by IWF; fitness equipment.

Professional equipment for weightlifting certified by IWF:

- Platforms
- Barbells
- Stands for press and squatting

- Machines for bar rows
- Equipment and accessories storage racks



Fitness equipment:

- Cardio and strength machines
- Steppers for professionals and amateurs
- Aerobic mats with storage racks
- Bars and barbells

- Dumps and storage racks
- Weights for arms and legs
- Bodybars, fitballs
- Acoustics systems



Sport Life fitness clubs network, Saint-Petersburg (Russia)

Sport Life is one of the largest networks of fitness clubs. There are more than 15 clubs in Saint Petersburg that are annually visited by more than 70 thousand fans of sports.





AVK GmbH has been cooperating with Sport Life for many years delivering to the clubs of the network exercise machines and specialized equipment for fitness, sports flooring, equipment for pools.





Gymnastics



Professional equipment for competitions and training for artistic and sports gymnastics, sports acrobatics and trampolines certified by FIG.

- Professional gymnastics apparatus for sports gymnastics
- ② Specialized podiums and carpets
- S Floor mats
- 4 Trampolines and accessories
- Mats and landing areas
- Safety equipment
- Accessories for artistic gymnastics



Sports School of Nelly Kim, Almaty (Kazakhstan)

The academy of gymnastics named after Nellie Kim – five times Olympic champion – was opened on the basis of the Kazakh Academy of sport and tourism in 2011.





AVK GmbH supplied complete set of gymnastic equipment certified by FIG for Gymnastic Federation of Kazakhstan in Almaty.





Rowing and canoeing





Automatic Start System and the Lane Marking System (Albano) for rowing and canoe:

Albano system

Albano system is a buoy system which was first used on lake Albano in Italy. It utilizes longitudinal wires for the marking of the rowing or canoeing race course lanes and has become universally used over the years. The Lane Marking System includes the COS (Change Over System), which makes it possible to convert the race course between rowing and canoe-kayak arrangements in a matter of hours. The system has been certified by FISA and ICF as their choice for world-class races.



Automatic Start System

The system has been certified by FISA and ICF as their choice for world-class races. Our Starting System is constructed from high quality, heavy-duty components, which make it resistant from stormy wind and extreme waves. The System can be assembled quickly and transported on a trailer.



"Center for rowing sports" on the lake Sredni Kaban, Kazan (Russia)

"Center for rowing sports" on the lake Sredny Kaban is the most modern and one of a few rowing complexes in Russia, it is one of the venues of the Universiade 2013 and 2015 water sports World Championship. The complex is designed in accordance with international standards for competitions on rowing sports.





AVK GmbH equipped rowing track with the equipment certified by FISA and ICF: automatic starting system for boat rowing and canoeing, marking system for channel, refereeing and timing system produced by Swiss Timing (Switzerland).







Winter sports



Professional equipment for winter sports competitions and trainings certified by international federations.

Professional hockey equipment certified by IIHF:

- Indoor and outdoor hockey dashers
- Specialized floorings (thermal insulation cladding for ice arenas, specialized coating for corridors)
- Scoreboards and video-screens
- 4 Hockey goals
- Skate sharpening machines and riveting machines
- Racks and stands for ice hockey sticks and shoes
- Drying equipment



"Barys Arena", Astana (Kazakhstan)

Barys Arena is a multi-purpose indoor arena. It serves as a home arena for the Barys Astana of the Kontinental Hockey League (KHL). The arena capacity is 11,578 spectators for ice hockey.





AVK GmbH supplied local position system (LPS) for hockey club Barys. LPS simultaneously co-ordinates real-time data with sport specific indices which benefit the coaches and club by helping perfectly optimize the performance of every single player.







Winter sports



Professional biathlon equipment certified by IBU:

- Range packages with and without roof
- ② Electronic target control and scoring system
- Parabiathlon systems and combination ranges
- Mechanical targets
- Lead gatherers for zeroing targets
- Paper targets
- Shooting mats
- Wind flags
- Lane markers
- Replacement parts

Equipment for short track and speed skating:

Specialized soft dasher board



Biathlon race track "Laura", Sochi (Russia)

"Laura" is the cross-country ski and biathlon complex in Sochi that hosted competitions in biathlon and cross country skiing at the Winter Olympic Games 2014 as well as biathlon and cross country skiing at the Winter Paralympic Games 2014.

The tracks are situated according to the requirements of FIS. There were designed two main laps of 5 km: for free and classic style that can be shortened to 3.75 km, 3.30 km, 2.50 km, 1.50 km and 1.20 km depending on the type of competition.





As part of preparation for the Winter Olympic Games 2014 in Sochi AVK GmbH supplied specialized professional equipment of the highest international level for the biathlon track.





Competitive sports









Professional equipment for different martial arts for competitions and training certified by FILA, IBF, IJF and other international federations.

- Wrestling mats
- 2 Tatami
- O Daangs
- Boxing rings
- Training equipment: punching bags, boxing bags, platforms and stands, pads, boxing gloves, dummies, protection for sportsmen



Academy of communication, Saint Petersburg (Russia)

The Academy of Communication -Higher Educational Institution of St. Petersburg, founded in 1919.





AVK GmbH supplied equipment for new sports halls of the Academy of Communication. The company's experts carried out complex equipping and installation of sports and technological equipment for 3 sports halls for the following sports: boxing, wrestling, futsal, volleyball, handball, gymnastics, weightlifting.



Sport in schools



High-quality sports equipment of medium price segment for physical education lessons and additional sports classes in regular schools.

- Ladders, slides, stairs
- Exercise equipment
- Mats, individual carpets
- Equipments for psychomotor system development (balls, jump ropes, ropes)
- Soft shapes covered with PVC
- Multifunctional equipment sets
- Accessories and sets for team sports.



Secondary school Nº1, Arshaly, Kazakhstan

The national program of equipping schools in the Republic of Kazakhstan with sports equipment is intended for more than 100 schools in Kazakhstan. One of these schools is a a secondary school in town Arshaly that is situated near the capital of Kazakhstan.





AVK GmbH supplied not mountable equipment and accessories to make lessons of physical education more interesting, to implement relay races, action games and new sports. The supplied equipment includes accessories for warming up, introductory exercises, exercises for back muscles, legs, arms, body, equipment for team sports.





Electronic systems and scoreboards



LED video displays, scoreboards, electronic and timing systems.

LED video displays:

Our video displays have technical features that are specific for this type of application, like wide viewing angle, meeting safety requirements and limiting weight.

We can offer displays of any shape and size. Ad-Line software corresponds with the unique technical characteristics of our products and with the type of message that is generally shown on it. Our video display aremade with SMD diodes of world-wide-known brand Nichia (manufactured on Japan). Our video screens can be presented in complete range of LED technology for events, venues and other professional AV installations.

We are offering following range of products:

- Outdoor solutions
- Indoor solutions
- Mobile solutions

- 4 Media-mash
- LED video boards

LPS (Local Position System)

The combination of leading technology specialists offers a wide range of automatically generated realtime hockey statistics and analyses to coaches, players and media in a unique system that is unrivalled in its precision.

Top teams of various sports on several continents rely on LPS. The superior system enables the perfect focus on strategy, team and individual players thanks to unique precision, sensational coverage and enormous fields of application. LPS simultaneously co-ordinates real-time data with sport specific indices which benefit the coaches and club by helping perfectly optimize the performance of every single player.



Swimming pool of the sports club Grand Sport (Yerevan, Armenia)

"GRAND SPORT" is a large sports complex in the center of Yerevan that includes a swimming pool, a game hall, a fitness facility, a shooting zone, some saunas and a spa complex.





For this one of the biggest sports clubs in the CIS AVK GmbH supplied timing system and technological equipment for the swimming pool and an up-to-date video screen that was made in Italy. Besides the experts of AVK GmbH performed work on synchronization of the timing system and the scoreboard.





Electronic systems and scoreboards



Scoreboards and timing systems for multisport (ice hockey, basketball, football, rugby, volleyball, handball, tennis, table tennis, badminton, futsal, rink hockey, floorball).

We offer a complete range of electronic scoreboards and display products to any sport venues: sport halls where ball sports like basketball, handball, and volleyball are played, stadiums for football and rugby as well as ice-rinks. Our solutions meet with your needs as well as with the requirements of the international federations. AVK GmbH technical department ensures maximum capability of action and quality customized scoreboards. Our producer obtained ISO 9001 certification nearly 15 years ago and our products meet with the European directives regarding sustainable development. Latest range of our scoreboards was developed in compliance with an eco-design approach.

- Various ice-hockey solutions: scoreboards, horns, controllers, dressing rooms clocks, goal lamps
- Various basketball solutions: scoreboards, horns, controllers, dressing room clocks, shot-clocks, red/yellow LED stripes
- Solutions for all martial arts (judo, karate, taekwondo, wrestling, kick boxing, boxing and weightlifting) including control systems. Our solutions are made in accordance with the requirements of corresponding sport federations.



Almaty Arena, Almaty (Kazakhstan)

Almaty Arena (Kazakhstan) was built for the Universiade 2017. This ice palace is the largest ice palace in Kazakhstan and the fifth in the CIS in terms of capacity of the audience. It can receive 12 000 spectators.

Apart from hosting ice hockey matches the arena is the venue for boxing, figure skating, basketball, concerts, and other events.





Professionals of AVK GmbH carried out starting-up and adjustment of refereeing and timing system produced by Swiss Timing for figure skating, short track and ice hockey in Almaty Arena.



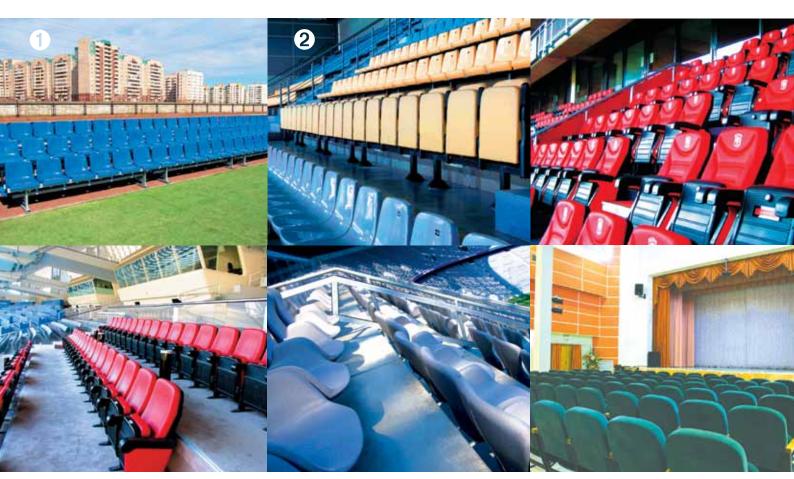


General equipment

Equipment for other areas of sports venues: administrative rooms and offices, conference rooms, public spaces and spectators areas, dining spaces etc.

Seats:

- 1 Tribunes: fixed, mobile, folding and telescopic for all sports venues
- Spectators' seats: economy-class, business-class, VIP-class
- Complete seats for substitutes
- 4 Seats for referees, commentators
- Seats for press



Stadium "Metallist", Kharkov (Ukraine)

"Metallist" is the central stadium of the city. It is mostly used for football matches. The capacity of the stadium is 40200 spectators. The stadium hosted games of the European Football Championship 2012. "Metallist" is the home stadium of the football club "Metallist 1925". Besides on the stadium are held some matches of the national football team of Ukraine.





AVK GmbH supplied and installed more than 40 000 seats on the tribunes and floorings for track-and-field tracks.





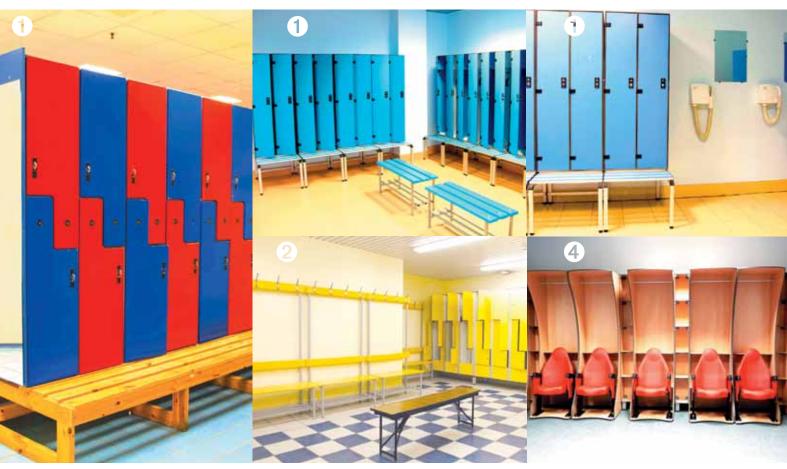
General equipment

Equipment for changing rooms, cloak rooms and massage rooms:

- Laminated lockers in aluminium frame in different modifications: dismountable with removable shelves, keys and numbers
- ② Benches and racks
- Nonslip carpets
- Specialized seats for changing rooms
- Hair dryers
- Massage tables

Additional equipment:

- Equipment for medical rooms, pools and warming up halls
- [®] Furniture for conference rooms, entrance halls, offices, executive offices
- Furniture for cafés and cloak rooms



Sport and fitness complex, Bishkek (Kyrgyz Republic)

The Sports complex in Bishkek was opened within the program "Gazprom for children". The program "Gazprom for children" is an ambitious social project on building of sports facilities in large cities and small towns.





In framework of implementation of this program 7 complexes are already opened in different regions of Kyrgyzstan. The total construction area is more than 12 thousand square meters and the total area of the complexes is more than 18 thousand square meters.

AVK GmbH supplied and installed sports equipment and furniture for changing rooms and administrative rooms: equipment for multipurpose sports hall, changing rooms, hall, medical offices, furniture for administrative offices, entrance hall, cafe.





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