
Aksioma®
Independent stage company
Your Iron Partner
RENTAL AND SERVICE
STAGE EQUIPMENT




“Independent Stage Company “Aksioma” LLC is one of the major providers of services related to stage system supply in the mass event market of Russia.

The main activities of our company include leasing of stage systems and their maintenance; we realize projects of any complexity and scale. “ISC “Aksioma” LLC offers a complex technical support program of events for our VIP customers and partners.

The company uses for its operations only professional stage systems that carry Russian certificates and are supplied by well-known foreign manufacturers, such as:

- LAYHER (Germany);
- PROLYTE PRODUCTS (the Netherlands);
- HERAS (the Netherlands);
- CHAINMASTER (Germany);
- MILOS (Czech Republic).

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Podiums and stages




A podium or a stage are indispensable for arrangement of any event (a festival, a presentation, an exhibition, a forum, a mass event, a concert, a congress, a conference, a fashion show, a seminar, a show room for any products or services, a sports event, a private party a municipal event, a dance or music show, or a corporate event).
A podium or a stage is a platform of arbitrary form, either elevated or marked with color that is open for viewing by the audience from several directions.

As far as design configuration of podium and stages is concerned, following types are possible:

- rectangular;
- rectangular with rounded corners;
- square;
- square with rounded corners;
- round;
- semi-round;
- multi-level;
- customized.

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Auto podiums




Currently prestigious events related to cars (exhibitions, presentations, demonstrations) are arranged using special automobile podium (abbreviated as “auto podium").

Auto podium can be horizontal and tilted. Such structures are also installed on uneven surfaces with high level difference (up to several meters). This is possible thanks to using the materials made by the German manufacturer Layher.

As far as their design is concerned, auto podium can be of various sizes, like stages and podium.

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Grandstands




A grandstand is a multi-level podium with seats. Grandstands are an indispensable part of many entertainment events.

Grandstands enable the audience seating farther from the stage than the front rows to feel, see and enjoy the show in a way that is not less, and sometimes even more comfortable than that in the front rows or in the stalls.

Grandstands can be used indoors, on outdoor sites, on the water or in the mountains.
Grandstands can be installed on slopes. For that purpose, the design department staff develops a 3D model of a quick assembly reinforced framework with seats, stairways, aisles for people and safety enclosures.

When assembled, grandstands, based on the customer's terms of reference, can accommodate the necessary number of spectators, and ensure safety and comfort.

There may be three options of accommodation:
• without seats: in this case, people are accommodated directly on the multi-level podium (grandstands). Optionally the grandstands can be decorated with industrial carpet;
• plastic seats;
• chairs or arm chairs that can be draped with fabric.

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Roof stages, grounds, stage assemblies




All roof stages are subdivided into 4 types:

- ARC 6x4m, 8x6m with arched roof (roof post height 3 m)
- MPT 8x6, 10x8, 12x10 with elevator gable roof (roof post height 7 m)
- ST 14x10, 16x12, 18x14, 20x20 with power elevator gable roof (roof post height up to 13 m)
- CT 20x13, 20x16, 20x20, 25x13, 25x16, 30x13, 30x16 … 30x70 with power elevator gable roof (roof post height up to 17 m)

For any stage (with or without roof) it is possible to build on the left and on the right simple podium or sound towers of any size for installation or suspension of sound, lighting or video systems consisting of either elements Layher (Germany), or trusses Prolyte (the Netherlands). Installation takes minimum time, and no special equipment is required.

All roof stages, grounds and stage assemblies can be decorated with various fabrics, banners, banner nets and other decorations, according to any event format, contributing to their natural beauty.

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Towers and control rooms




Control rooms and towers are designed for compact accommodation and protection from ambient conditions of sound, lighting and television systems during concerts, festivals, video sessions and other events.

There are single-, double- and three-level control rooms and towers.

Control rooms and towers are made of the materials by the German company Layher.

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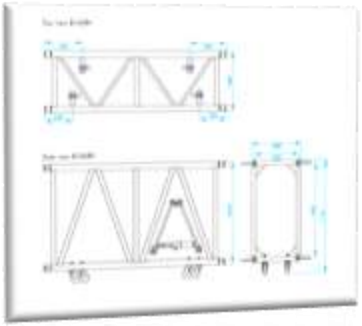
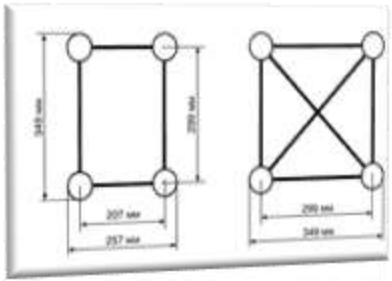
Suspension systems / trusses





The main purpose of trusses is distribution of load, suspension of lighting and sound systems as well as screens, sets, lasers and visual effect systems. All the necessary equipment can be suspended without installing any additional supports and cluttering the stage (a truss can carry heavy weights thanks to its reinforcement ribs that prevent the structure under load from folding or breaking).
There are two reliable manufacturers of trusses and suspension systems: Milos Structural Systems (Czech Republic) и Prolyte Products (the Netherlands).
Trusses Milos are mostly used for building exhibition facilities and for area zoning; also, they are used for suspension of limited quantities of lighting and sound systems.
Trusses Prolyte are used in a wide range of technical applications: from installations with varying types and number of equipment to huge stage structures construction.
We offer 7 types of trusses:

- Radial (ring) trusses Quadrolyte M290 (Milos)
- Trusses Trilyte H30D (Prolyte)
- Trusses Quadrolyte H30V (Prolyte)
- Trusses Quadrolyte H40V (Prolyte)
- Trusses Quadrolyte S36R (Prolyte)
- Trusses Quadrolyte S52SV and S52V (Prolyte)
- Trusses Quadrolyte S100F and B100RF (Prolyte)

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Suspension systems / truss suspension bridges and grounds




All sites, whether a concert hall, a sports facility or any other premises, are provided with suspensions systems by means of which equipment can be attached to ceilings and joists.
A suspension system is a combination of devices, mechanisms and handling systems for load lifting (ropes, chains, wire ropes, hooks, trusses, winches, hoists, etc.) that form an integrated structure. It is common for the hire industry to use suspension structures consisting of aluminum trusses, whose principal features are modular design, fast assembly and lifting capacity. The use of various suspension systems allows distributing the weight of suspended equipment and ensures the required high safety level. Electric winches are normally used for lifting and suspension.

The use of truss suspension bridges, truss structures on cubes and elevator structures (grounds) enables easy suspension of LED and projection displays, lighting, sound and laser systems, screens, curtains, sets and many other things.
The optimum selection of truss and winch configuration ensures fast and easy assembly, unprecedented stability and safety.
Thanks to numerous variations of trusses, such systems can be used both indoors and outdoors.

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Suspension systems / portals




During various construction and installation work, preparation of concert venues and stages, and also in order to build a framework for attaching various sets, for suspension of video screens, banners and advertising structures and for installation of protective walls against wind, rain and snow, it has become common practice to use construction wedge scaffolding by the German company Layher (they are also referred to as ‘wedge-type scaffolds’). Such structures are called load bearing walls.

Load bearing walls Layher feature a number of advantages thanks to high quality wedge connections:
- quick procedure of assembly and disassembly of structures;
- durability (capable of withholding considerable wind loads) and versatility;
- wide range of applications;
- reliability under high loads;
- possibility of modifying the design depending on local landscapes.

Load bearing walls used as standalone structures are mostly used with some ballast. In certain cases and weather conditions (such as wind loads over 15 m/sec) they are additionally reinforced by means of braces and anchors in the installation surface (ground, asphalt, concrete plates, paving slabs, stone, etc.). Load bearing walls without ballast are not installed out of safety considerations only.

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Suspension systems / electric winches




Electric winches are used for lifting various truss structures, lighting, sound and video systems and sets over stage platforms.
In our operations we use electric winches made by ChainMaster (Germany).

Lifting mechanisms and equipment, in particular, winches electric chain, meet the stringent German regulations VPLT SR-2.0 as well as the international and domestic safety regulations, and may be used over people's heads. This equipment can be used in the following places: theaters and concert halls, recreation centers, sports facilities and arenas, discos and night clubs. In a word, they can be used wherever high quality and reliability are needed!
When on various stages around the world even the heaviest loads are moved without visible efforts and with millimeter tolerance, this is normally achieved thanks to the engineering thought and design solutions of the German experts.

Electric chain winches ChainMaster MB4.3/20T are designed for lifting and lowering loads up to 1,000 kg at constant speed. Winches have a safety ratio of 12 and may be used for load suspension over people's heads without safety nets, according to the VPLT-SR2.0 regulations. Standard configuration of the winch includes the following: a 24 m long steel chain, a bag for the chain, a system of independent twin brakes, a friction clutch for overload protection, two handles on the winch body and suspension with a pivot hook. The winch may have direct or contactor control (option: 24 V control contactors and 2-channel end switch) by means of manual controls. Operating voltage: 400V, 3 phases, 50 Hz. Smooth start-up and braking. Lifting speed - 4 m/min.

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Stairways




Stairs and stairways are convenient quick assembly steel structures that are normally designed for easy ascending to various heights.

Three types of stairs and stairways are distinguished depending on their configurations:
- multi-functional equipment Layher;
- system Stage DEX by Prolyte;
- stairway framework - a complete service stairway made of steel framework with wood covered steps.

Stairs and stairways are used for the following applications:
- viewing platforms;
- access areas to frame and wedge scaffolding;
- stair towers for performance of elevated work;
- gangways;
- additional multi-level fire exits.

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Enclosures

Fences and enclosures are structures designed as obstacles to prevent unauthorized access.

The following types are distinguished:

• mobile fence is a mobile mesh enclosure by Heras (Netherlands) designed for enclosing perimeter of the event site and creating a controlled area for unwelcome visitors. Dimensions 3.5 x 2.5 m;

• crowd control barrier Mojo is a heavy barrier that is designed to prevent large crowds of fans from getting to the stage. Dimensions 1 x 1.2 m;

• fan-barrier is a mobile enclosure by Heras (Netherlands) designed for restricting movements of fans. Dimensions – 2.5 x 1.1 m.

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Customized structures




In some cases, it is impossible due to various reasons to use standard stage structures for arrangement of certain events.

“Independent Stage Company “Aksioma” LLC involves its own engineering department to develop complex customized stage structures according to your terms of reference (TR) or design, make all the necessary calculations, present a drawing and a 3D model.

We build customized stage structures using materials by Layher (Germany) and by Prolyte (the Netherlands):

- structures to be installed above or in the water;
- structures for installation of sets;
- structures for installation in complicated landscapes and sites;
- complex suspended structures;
- entry and start arches (frames).

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Our projects

Concert “Together Against Breast Cancer” (Avon)
Moscow. Vasilievskiy spusk

Presentation of FIFA World Cup (Coca-Cola)
Moscow. Vasilievskiy spusk

Presentation of new uniform of FC Spartak 2011 (Nike)
Moscow. Luzhniki Sports Complex

Sports Festival Nike Free Moscow
Moscow. Gorky Park

Summer Spartakiada Games of “Rosneft”
Sochi

Joint Project “Special Assignment”
Moscow Region, Alabino village, Taman tank motor rifle division

Concert “Victory Fire”
Volgograd. Central Square, Mamayev Kurgan

Private Party
Moscow. Exhibition Hall “Red October”

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Competitive advantages

Experience

Professionalism

Operational efficiency

Independence

Full range of stage equipment

Responsibility

Provision of technical drawings and 3D-models (imaging)

Broad work geography

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Our contacts

Our address: 121087, Russia, Moscow, Beregovoy proezd, 2, 2

You can also get on to us by public transport: buses 653 and 542

Way: Fili Metro Station (Fili line), first car from the center, then to the left about 1,100 m along Novozavodskaya Street up to car wash “Aquacity” and café “Listok”, then to the right to Bergovoy proezd about 440 m up to the station “Bergovoy proezd”, then go straight across railway lines 360 m to the territory of JSC “Reinforced Concrete Products and Pipe Plant”, you will see a checkpoint to the left.

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