



TRUSSES - STAGES - DECORATIONS -
PRODUCTION - RENT
ALVISS 2022



ABOUT US



"ALVISS" Company started manufacturing aluminum trusses in the 90s.

The monumental desire of the team to establish production of aluminum structures has given its results. The stages produced by "ALVISS" differed in simplicity, reliability and relatively low price, therefore they have gained their fans all over the country.

The market for stage designs was developing and new requirements for producers were set, the load on the trusses and the spans of the stages have increased, the security standards have raised.

The company has faced the need to raise production to a new high-quality level.

In 2006, the company's management decided to build a new industrial warehouse. The choice of location was the outskirts of Kyiv, 6 kilometers from the Circular road.

Design work and construction took 2 years. As a result, in 2008 the company moved to new spacious premises. Modern equipment was purchased, such as engineering tools and welding machines.

The equipment for the new models of the trusses was designed and manufactured. It was decided to order the project for trusses in Germany, from the company designing the stages for the leading manufacturers of the EU and America.

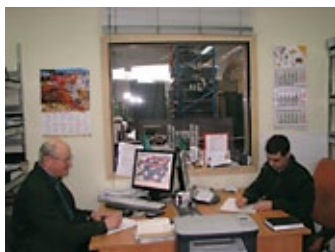
Together with the Scientific-technical center of quality assurance and certification "SEPROZ" of the NAS of Ukraine, work on the certification of the production, the certification of products and technologies of LLC "ALVISS" was conducted.

Close cooperation with the E. O. Paton Electric Welding Institute allows us to timely introduce modern welding methods with their subsequent certification.

The system of incoming quality control of incoming materials with acknowledgment has been introduced, according to DIN EN 10204 3.1.b.



ABOUT US



Today, ALVISS is the leader in Ukraine in the production of stage designs. Stages, pavilions, trusses, podiums, theatrical and circus requisites, decorations - it is an incomplete list of products produced by us.

Our chief welder has successfully completed training and certification under the International Welding Engineer program.

Welders are certified according to ISO 9606-2 standard.

Specialists of our company are engaged in the development, manufacture and operation of stage structures.

The structure of the company also includes a rental department for stage, light and sound equipment.

The primary role for us is the price-performance ratio, as well as the wishes of the customers and their vision of the process of technical support of events. Often, in this regard, we act as partners of our clients to solve individual issues.

We accept non-standard tasks with pleasure and desire to help our customers.

Creative thinking, experience and a thirst for new discoveries give us a chance to expand our technical capabilities and shape the future together with our customers.



- *Stages (Aluminum trusses and Layher)*
- *Podiums (Standard with aluminum frame or Layher)*
- *Trusses with corners, adapters, supports, etc.*
- *Awnings, pavilions, tents (standard and special)*





ALUMINUM TRUSSES:
D 20 B, U 250 B, UL 300 B, U 300 B, R 400 B, P 500 B





Decorative truss. Series D 20 B

The decorative series is actively used for hanging lights and decorations in clubs, restaurants and shops. Due to the ease and mobility, this series is widely used in the manufacture of exhibition stands.

Name of truss	series	bonding	alloy	main tube	brace
decorative truss D-20 B	D-20 B	conical coupler B-30	AD-31	30 x 1,5 mm	10 x 1,0 mm
Ladder truss	D-20 LB	conical coupler B-30	AD-31	30 x 1,5 mm	10 x 1,0 mm
Triangle truss	D-20 TB	conical coupler B-30	AD-31	30 x 1,5 mm	10 x 1,0 mm
Square truss	D-20 QB	conical coupler B-30	AD-31	30 x 1,5 mm	10 x 1,0 mm



D 20 QB

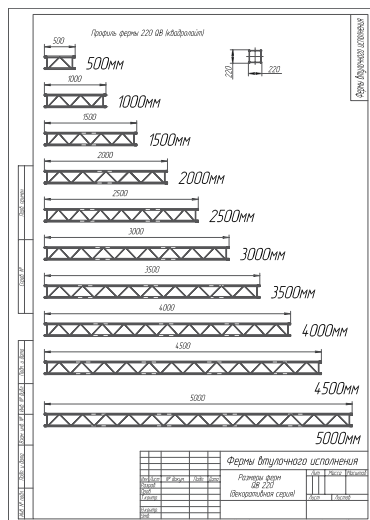


D 20 TB



D 20 LB

Certificated welding techniques and procedures



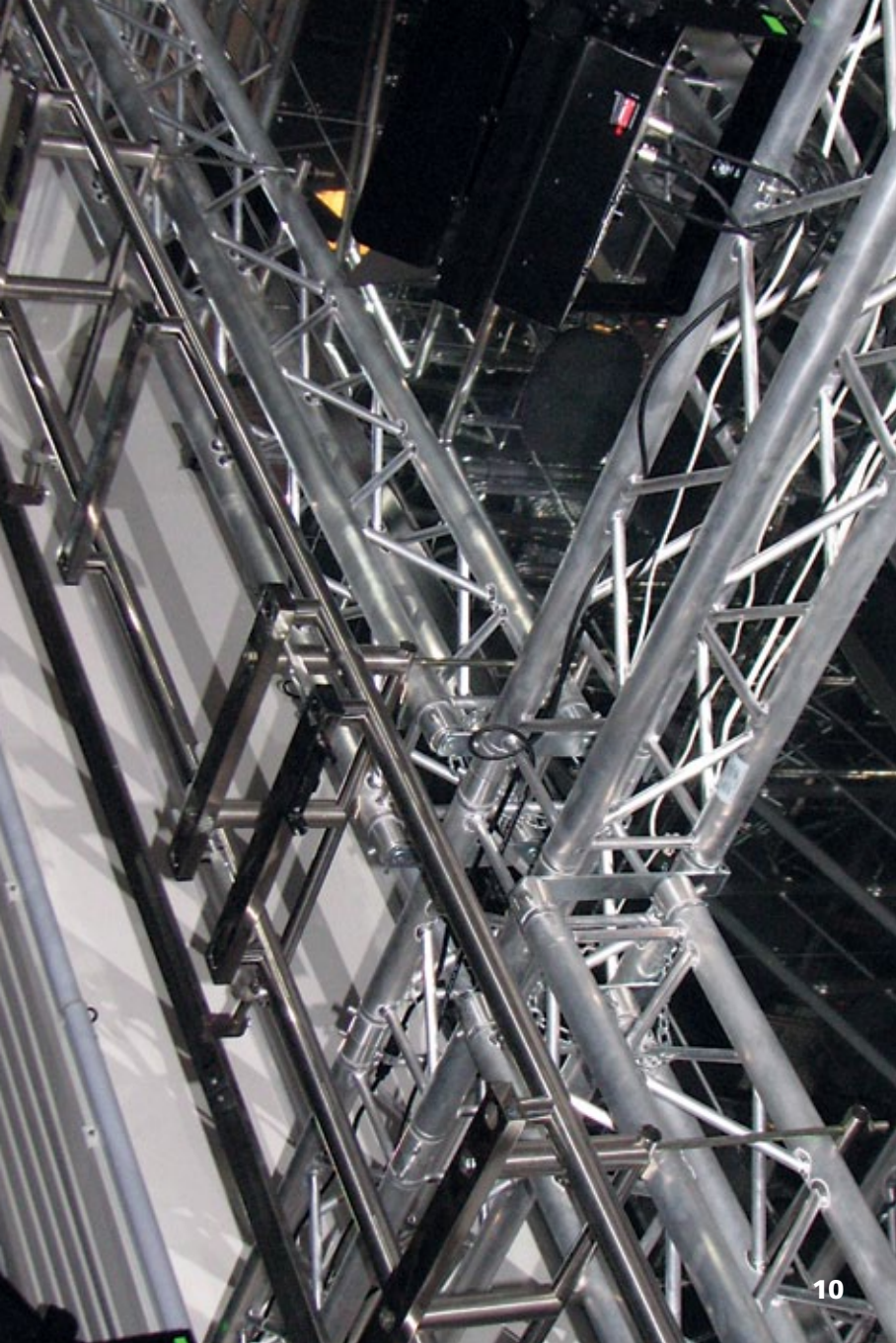
Load table of the truss series D 20 QB

length (m)	1	2	3	4	5	6	7	8	9
point load (kg)	148	116	106	86	80	70	62	52	48
bend (mm)	0,5	1	2,5	4	7	11	16	20	28
distributed load (kg/m)	336	138	88	64	52	36	26	19	15
bend (mm)	0,5	1,2	3,2	7	13	20	26	34	45

The load bearing characteristics given in the table are indicative. A detailed description of the bearing capacity of the truss, for various types of loading, is given in the product data sheet. For more detailed information, please contact the specialists of ALVISS.

Structure exploitation must be carried out with the fulfillment of all the requirements and recommendations of the manufacturer.



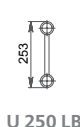
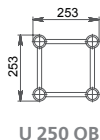


Universal truss. Series U 250 B

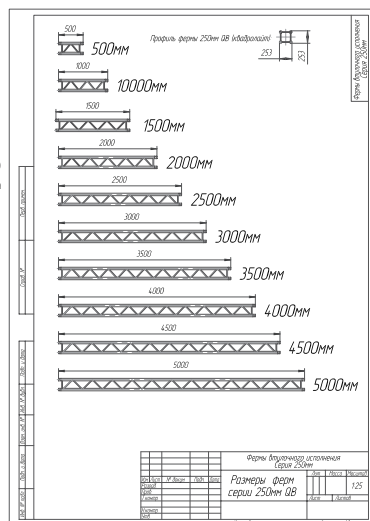
Universal series is designed for hanging lights and decorations in clubs, restaurants and shops. The bearing capacity of the farm is higher than that of the decorative series.

The diameter of the pipe is increased to 50 mm, which allows the use of standard installation hardware. Due to the ease and mobility, this series is widely used in the manufacture of exhibition stands.

Name of truss	series	bonding	alloy	main tube	brace
exhibition truss U-250 B	U-250 B	conical coupler B-50	EN AW 6063 T6	50 x 2,0 mm	16 x 2,0 mm
Ladder truss	U-250 LB	conical coupler B-50	EN AW 6063 T6	50 x 2,0 mm	16 x 2,0 mm
Triangle truss	U-250 TB	conical coupler B-50	EN AW 6063 T6	50 x 2,0 mm	16 x 2,0 mm
Square truss	U-250 QB	conical coupler B-50	EN AW 6063 T6	50 x 2,0 mm	16 x 2,0 mm



Certificated welding techniques and procedures



Load table of the truss series U 250 QB

length (m)	2	3	4	5	6	7	8
point load (kg)	768	500	380	300	250	210	160
bend (mm)	2	4	6	13	13	18	22
distributed load (kg/m)	480	320	200	128	88	60	48
bend (mm)	2	4	7	12	17	22	30

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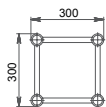




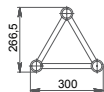
Universal light truss. Series UL 300 B

This series is intended not only for the suspension of light and sound equipment. With the help of these trusses, you can mount light stages, pavilions, tents, designs for advertising, screens, etc.

Name of truss	series	bonding	alloy	main tube	brace
Exhibition truss UL-300B	UL-300 B	conical coupler B-50	EN AW 6063 T6	50 x 2,0 mm	16 x 2,0 mm
Ladder truss	UL-300 LB	conical coupler B-50	EN AW 6063 T6	50 x 2,0 mm	16 x 2,0 mm
Triangle truss	UL-300 TB	conical coupler B-50	EN AW 6063 T6	50 x 2,0 mm	16 x 2,0 mm
Square truss	UL-300 QB	conical coupler B-50	EN AW 6063 T6	50 x 2,0 mm	16 x 2,0 mm



UL-300QB

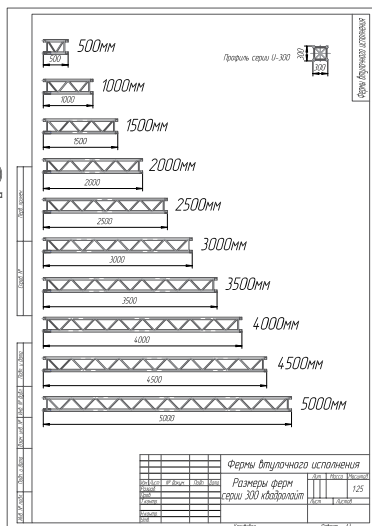


UL-300TB



UL-300LB

Certificated welding techniques and procedures



Load table of the truss series UL 300 B

length (m)	4	6	8	10	12	14	16
point load (kg)	400	300	220	168	114	80	66
bend (mm)	5	11	21	33	47	66	93
distributed load (kg/m-h)	174	110	56	36	20	12	8
bend (mm)	5	14	25	41	57	76	101

The load bearing characteristics given in the table are indicative. A detailed description of the bearing capacity of the truss, for various types of loading, is given in the product data sheet. For more detailed information, please contact the specialists of ALVISS.

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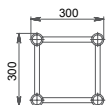




Universal truss. Series U 300 B

The most common series among rental companies. With these farms you can build EVERYTHING! Withstands a span of up to 16 meters, but at the same time, easy and convenient to operate, transport and store. Optimum choice for commercial and tour use.

Name of truss	series	bonding	Alloy	main tube	brace
Exhibition truss U-300 B	U-300 B	conical coupler B-50	EN AW 6082 T6	50 x 3,0 mm	20 x 2,0 mm
Ladder truss	U-300 LB	conical coupler B-50	EN AW 6082 T6	50 x 3,0 mm	20 x 2,0 mm
Triangle truss	U-300 TB	conical coupler B-50	EN AW 6082 T6	50 x 3,0 mm	20 x 2,0 mm
Square truss	U-300 QB	conical coupler B-50	EN AW 6082 T6	50 x 3,0 mm	20 x 2,0 mm



U-300 QB

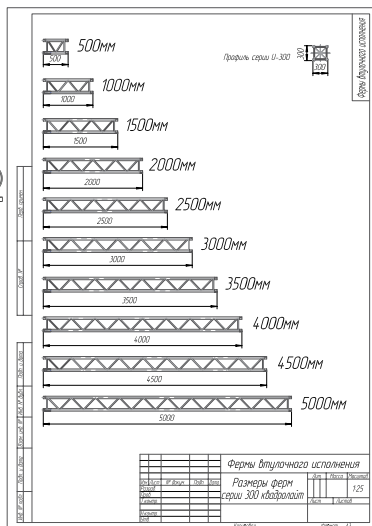


U-300 TB



U-300 LB

Certificated welding techniques and procedures



Load table of the truss series U 300 B

length (m)	5	6	8	10	12	14	16
point load (kg)	1080	900	672	520	400	340	280
bend (mm)	15	23	39	61	85	122	160
distributed load (kg/m)	440	300	170	100	70	46	34
bend (mm)	18	27	47	71	105	138	184

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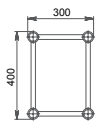




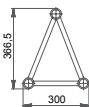
Rectangular truss. Series R 400 B

The R 400 B series combines the ability to withstand loads that are available for heavy series, as well as lightness, convenience in transportation and storage, typical for series U 300 B. Another advantage of having the same dimensions with a series U 300 B on the side of 300 mm allows pairing these two farms for solving non-standard problems.

Name of truss	series	bonding	alloy	main tube	brace
Rectangular truss R-400B	R-400 B	conical coupler B-50	EN AW 6082 T6	50 x 3,0 mm	25 x 3,0 mm
Triangle truss	R-400 TB	conical coupler B-50	EN AW 6082 T6	50 x 3,0 mm	25 x 3,0 mm
Square truss	R-400 QB	conical coupler B-50	EN AW 6082 T6	50 x 3,0 mm	25 x 3,0 mm

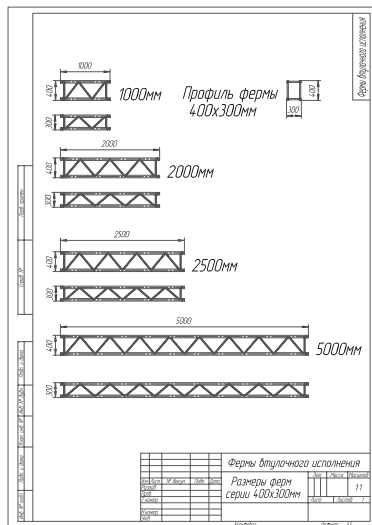


R 400 QB



R 400 TB

Certificated welding techniques and procedures



Load table of the truss series R-400 QB

length (m)	5	6	8	10	12	14	16
point load (kg)	1500	1200	920	700	580	460	360
bend (mm)	12	16	28	41	61	80	101
distributed load (kg/m-h)	516	330	220	130	94	64	44
bend (mm)	12	15	32	46	71	93	117

The load bearing characteristics given in the table are indicative. A detailed description of the bearing capacity of the truss, for various types of loading, is given in the product data sheet. For more detailed information, please contact the specialists of ALVISS.

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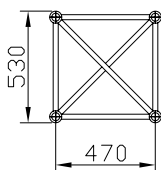




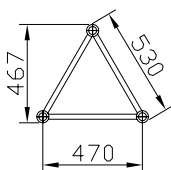
Professional truss. Series P 500 B

Truss P 500 B belongs to the category of professional, tour systems and is designed to support a heavy load. It is applied for construction of stages, portals, frames for LED screens and advertising.

Name of truss	series	bonding	alloy	main tube	brace
Professional truss P-500B	P500 B	conical coupler B-60	ENAW 6082 T6	50 x 4 mm	30 x 3 mm
Triangle truss	P500 TB	conical coupler B-60	ENAW 6082 T6	50 x 4 mm	30 x 3 mm
Square truss	P500 QB	conical coupler B-60	ENAW 6082 T6	50 x 4 mm	30 x 3 mm

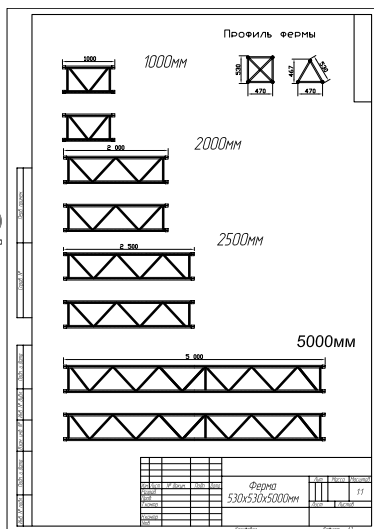


P 500 QB



P 500 TB

Certificated welding techniques and procedures



Load table of the truss series P500 QB

length (m)	4	6	8	10	12	14	16	18	20	22	24
point load (kg)	3830	2700	1900	1470	1200	1010	840	716	630	540	470
bend (mm)	8	16	25	37	52	72	93	119	152	187	229
distributed load (kg/m-h)	1080	720	474	320	220	155	120	90	70	50	44
bend (mm)	6	15	30	46	67	91	123	155	192	219	284

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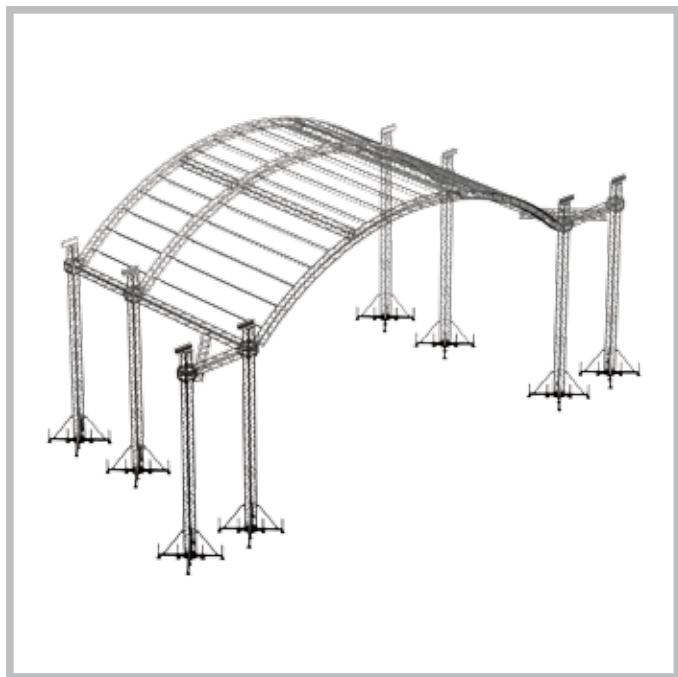
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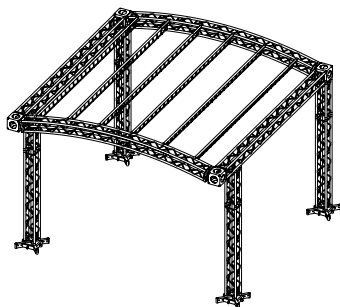
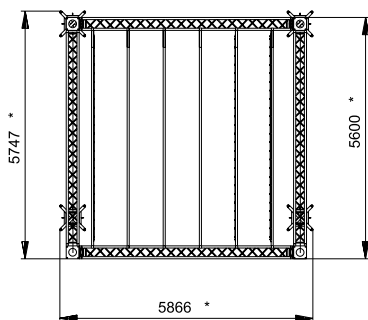
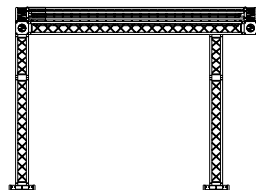
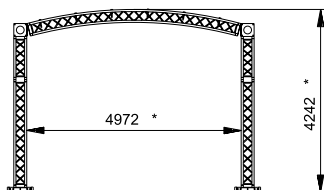


ROOF SYSTEMS

5.0 x 5.0 m, 8.0 x 5.0 m, 10.0 x 5.0 m, 12.0 x 8.0 m,
15.0 x 8.0 m, 15.0 x 11.0 m.



Aluminum roof system 5.0* - 8.0 * x 5.0 * m.



Technical data.

Roof size:

- External size 5.8* - 8.0 x 5.6*M
- Height from the ground in the apex..... 4.2*M
- Pole height 3.5 M

Portals for sound suspension and advertising:

Size.....2.0*x3.5M

Distributed load on the roof от 500 кг

depending on the series of trusses, of which the roof is made

Optional equipment:

- Awning on the roof;
- Black cabinet from Mesh PVC;
- Portals for (PA) sound wings;
- A stage on the podiums or on the basis of the Layher scaffolding;
- Front of House (FOH) for light and sound engineer;
- Containers for compact storage and transportation of the stage;
- Mounting tool.

* Reference dimension.

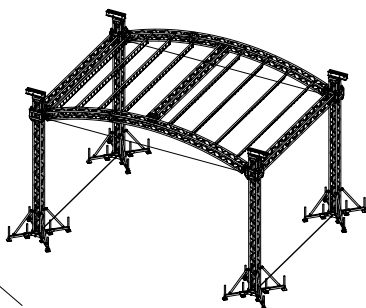
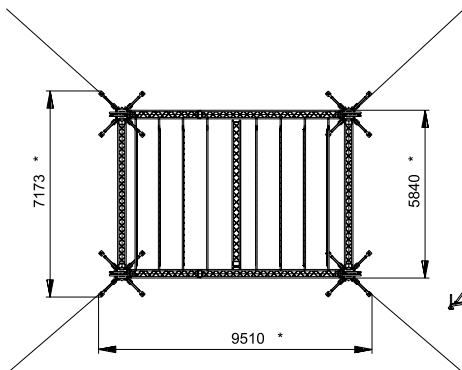
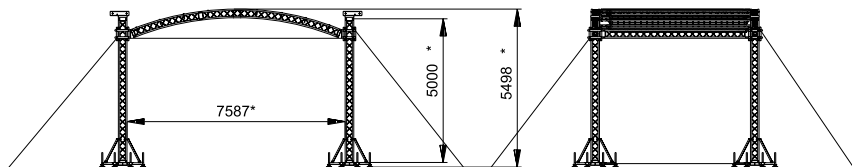
ROOF SYSTEMS

5.0 - 8.0 * x 5.0 * m





Aluminum roof system 8.0 * x 5.0 * m.



Technical data.

- external dimension9.5***x**5.8***M**
- height from the ground in the apex..... 5.5***M**
- pole height 5.0 **M**

Portals for sound suspension and advertising:

the size.....2.0**x**5.5* **M**

Distributed load on the roof от 800 **Kr**
depending on the series of trusses, of which the
roof is made

Optional equipment:

- Awning on the roof;
- Black cabinet from Mesh PVC;
- YALE or TRACTEL winches;
- A stage on the podiums or on the basis of the Layher scaffolding;
- Front of House (FOH) for light and sound engineer;
- Containers for compact storage and transportation of the stage;
- Mounting tool.

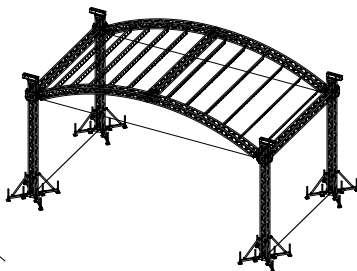
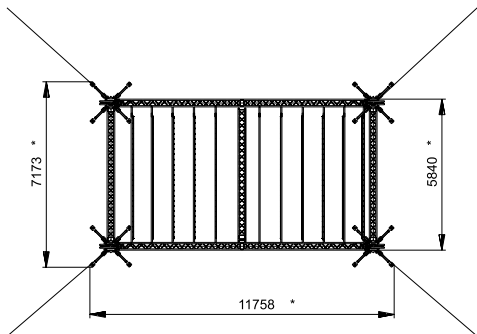
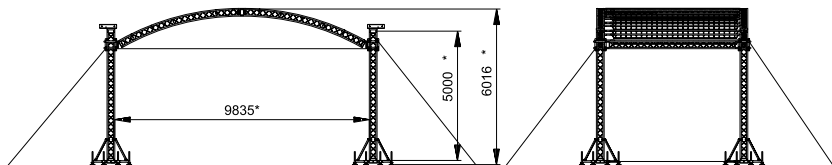
* Reference dimension.

Aluminum roof system 8.0 * x 5.0 * m.





Aluminum roof system 10.0 * x 5.0 * m.



Technical data.

Roof size:

- external dimension 11.7 * x 5.8 * m
- height from the ground in the apex..... 6.0 * m
- Pole height 5.0 m
- Portals for sound suspension and advertising:
the size..... ..2.0x6.0 * m
- Distributed load on the
roof from 800 kg

depending on the series of trusses, of which the
roof is made

Optional equipment:

- Awning on the roof;
- Black cabinet from Mesh PVC;
- Portals for (PA) sound wings;
- A stage on the podiums or on the basis
of the Layher scaffolding;
- Front of House (FOH) for light and
sound engineer;
- Containers for compact storage and
transportation of the scene;
- Mounting tool.

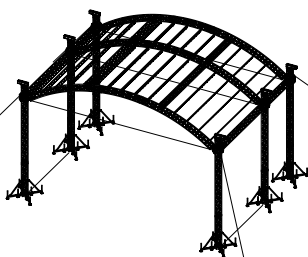
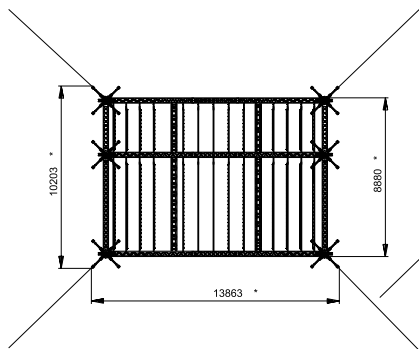
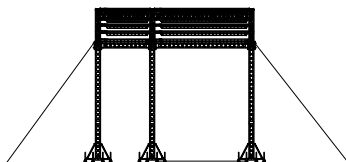
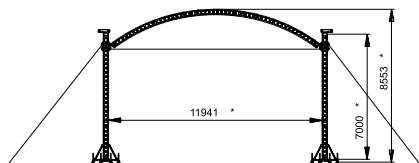
* Reference dimension.







Aluminum roof system 12.0 * x 8.0 * m.



Technical data.

Roof size:

-external dimension 13.8 * x 8.8 * m
 - height from the ground in the apex 8.5 * m
 - Pole height 7.0 m
 Portals for sound suspension and advertising:
 the size..... 2.0 x 6.8 * m
 Distributed load on roof from 800 kg depending on the series of trusses, of which the roof is made

Optional equipment:

- Awning on the roof;
- Black cabinet from Mesh PVC;
- YALE or TRACTEL winches;
- A stage on the podiums or on the basis of the Layher scaffolding;
- Front of House (FOH) for light and sound engineer;
- Containers for compact storage and transportation of the scene;
- Mounting tool.

* Reference dimension.

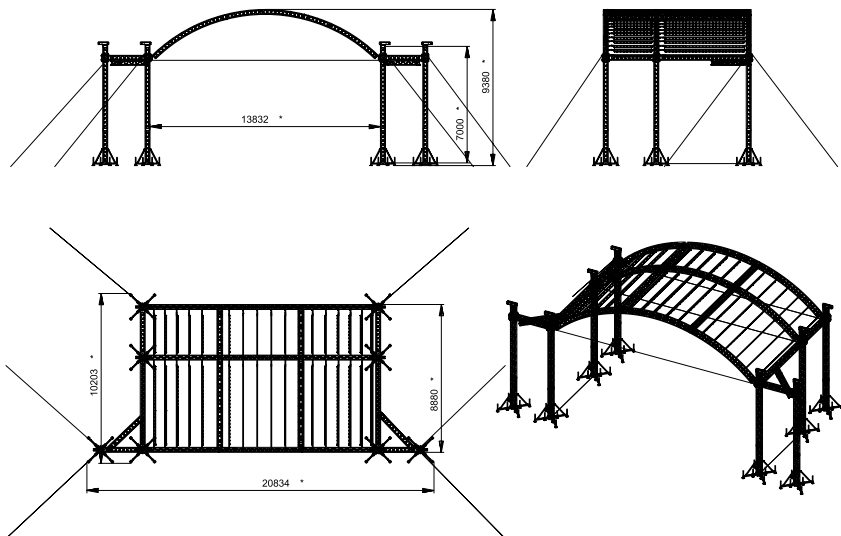
ROOF SYSTEMS
12.0* x 8.0*m







Aluminum roof system 15.0 x 8.0 m.



Technical data.

Roof size:

- external dimension 14.4 * x 8.8 * m

- height from the ground in the apex ... 9.3 * m

- Pole height 7.0 m

Portals for sound suspension and advertising:

size 2.0 x 6.8 * m

Distributed load on the roof from 800 kg depending on the series of trusses, of which the roof is made

Optional equipment:

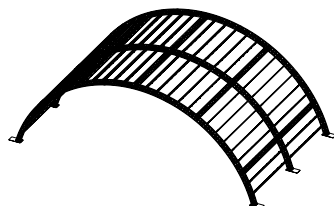
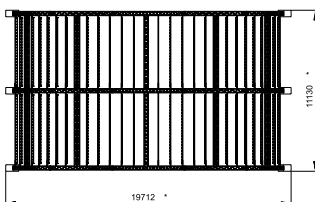
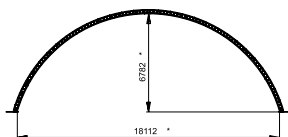
- Awning on the roof;
- Black cabinet from Mesh PVC;
- YALE or TRACTEL winches;
- A stage on the podiums or on the basis of the Layher scaffolding;
- Front of House (FOH) for light and sound engineer;
- Containers for compact storage and transportation of the scene;
- Mounting tool.







Tunnel Roof System 18.0 * x 11.0 * m.
Variants of roof systems available for manufacturing



The tunnel roof is eminently suitable for conducting chamber events, concerts of classical music and performances by folk groups. There is a possibility of covering the roof with transparent polycarbonate or transparent awning PVC.



Roof "house"



Low-rise roof



Arch roof



Pavilion roof



Single-pitch roof

VARIANTS OF ROOF SYSTEMS

* Reference dimension.







PODIUM: STAGE, THEATRICAL



АЛВІСС®
• ФЕРМИ • СУДНА • ДЕКОРАЦІЯ •
044 599 00 77 • 067 441 10 29
www.alviss.ua • alviss@alviss.ua



The stage podium is intended for installation of mobile platforms: stages, stands, VIP zones and other event-objects, where operational efficiency is required in a combination with an appealing appearance and a high load-bearing capacity.

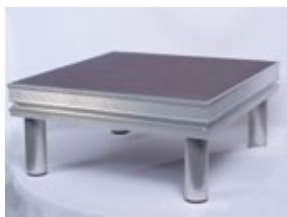
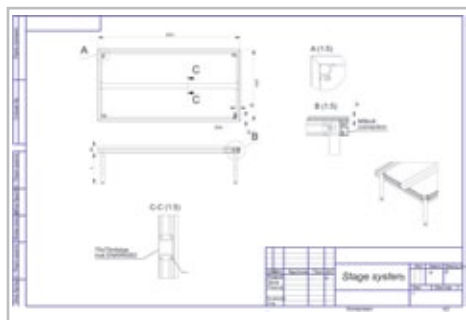
The construction of the podium slab consists of an aluminum frame in which moisture resistant, laminated plywood is fixed.

In the corners of the frame there are clamps for fastening the legs of the podium.

There are two types of the legs of the podium: with a fixed length and telescopic.

Podiums are connected by special clamps between each other.

Podiums produced by the company "ALVISS" are distinguished by the ease of installation, modularity and reliability in daily operation. The quality of realization will satisfy the most demanding customer.



Technical data:

Plate size 1 x 2 m
 Height max. 1.5 m
 Distributed load. 750 kg / m²

Optional equipment:

- handrails, diagonals;
- stairs, steps;
- jacks or plugs for legs;
- containers for storage;
- telescopic legs.

Use cases of podiums

STAGE PODIUM

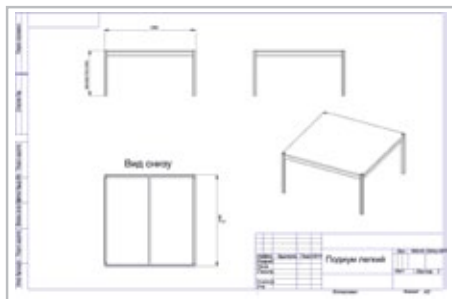






Theatrical, light podium.

This type of podium is indispensable for multi-functional spaces. It is possible to collect and dismantle podiums in minutes without the use of tools and specially trained personnel. Installation is quick and easy with the help of special clamps. The design of the podiums allows to compactly store them in a minimum area. 20 square meters of podiums, when folded, occupy an area of only 1.2 sqm.



Technical data:

Size 1 x 1 m

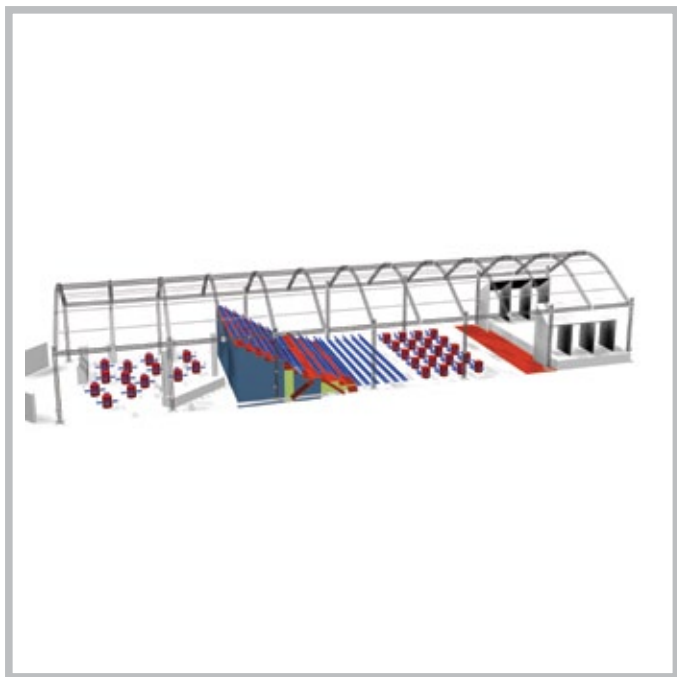
Height 250 mm, 500 mm, 750 mm

Optional equipment:

- handrail;
- retaining straps for chairs;
- steps;
- the ramp.



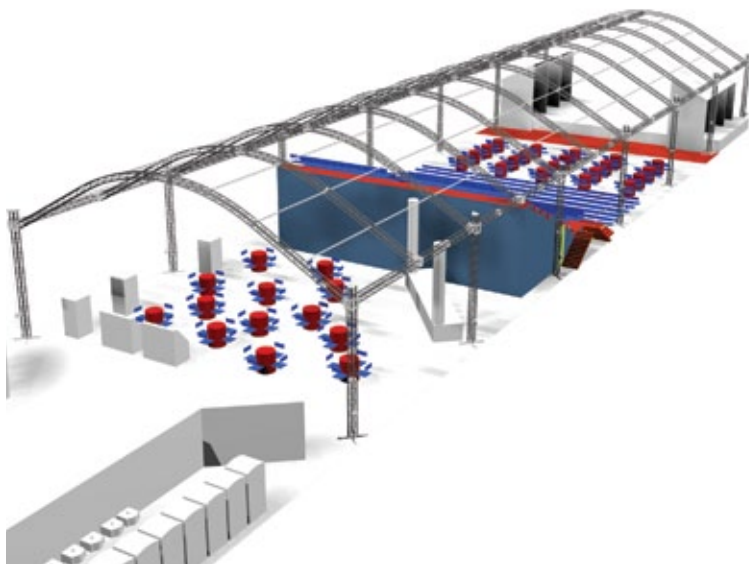




THE PAVILIONS,
THEATRICAL CONCERT COMPLEXES



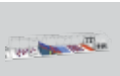

Mobile theatrical and concert complexes expand the organizers's possibilities for various entertainment events. Now a performance, concert, seminar or presentation can be held anywhere. To install the structure, no special site preparation is required.



The structure of the mobile complex includes:

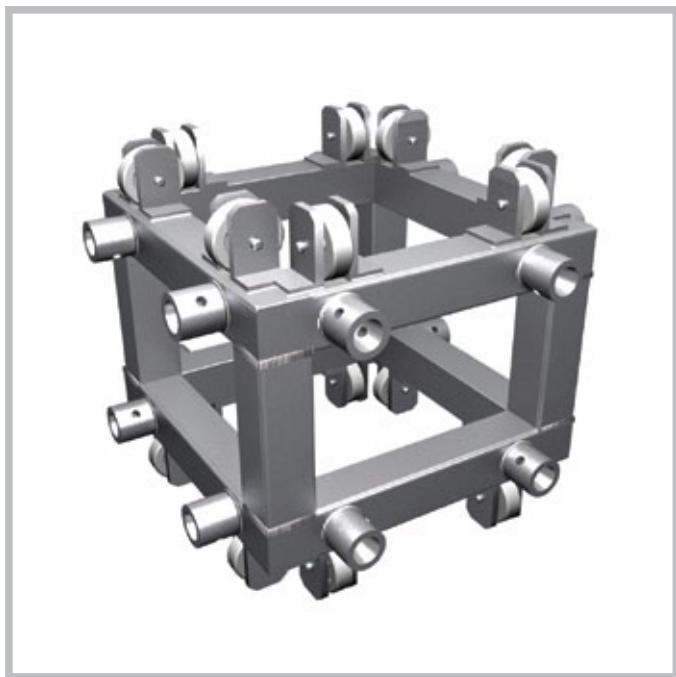
- Pavilion
- Checkroom
- Scene
- Dressing room
- VIP area
- Admin room
- Amphitheater
- Foyer
- Bar, restaurant
- Bathrooms





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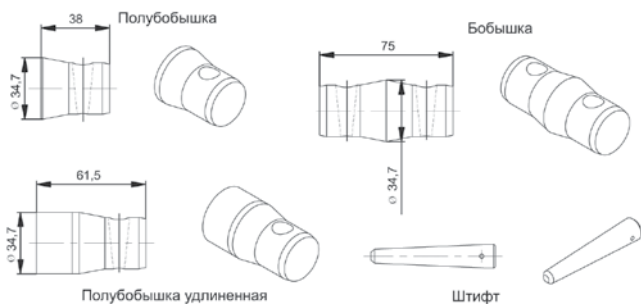
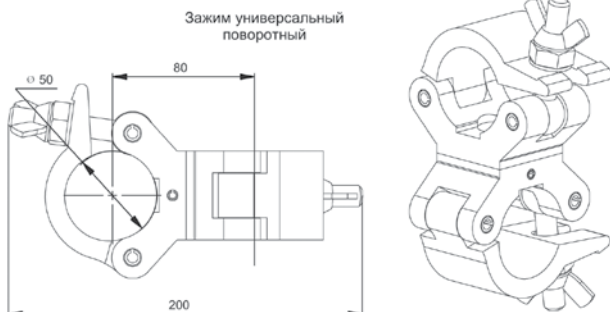


SUPPLEMENTARY DEVICES, BARRIERS, CASES





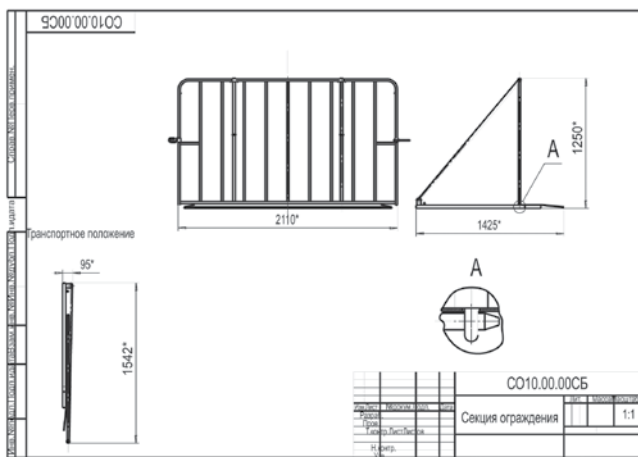
For the installation of trusses manufactured by our company, we use various types of joints: conical couplers, half conical couplers, taper pin, clamps, hinges, book corners, triangular corners and special adapters.



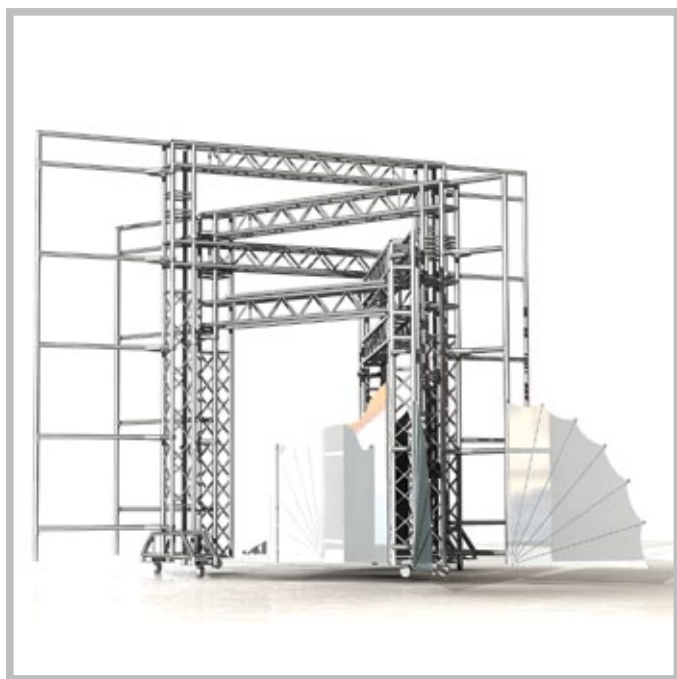




Power barriers are a security factor for both artists and audience. With their help, a stream of people is formed, as well as zones that require increased security. It is a very necessary thing in the rental business.



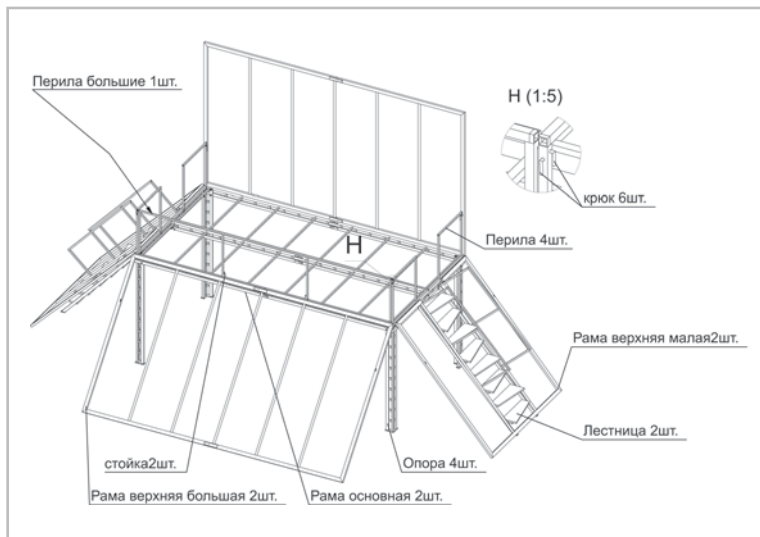




DECORATIONS



Lightness, reliability, quick installation, modularity. These qualities are inherent in the decorations made of aluminum alloys. Our team will gladly realize the most venturesome scheme of the artist.







Examples of our work made of aluminum.



THEATRICAL DECORATIONS



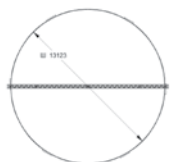


TENTS. SPECIAL ROOF CONSTRUCTIONS.





The construction market for technical support of events develops dynamically and requires new ideas and non-standard engineering solutions. To fulfill this difficult task specialists of our company have developed special structures - joints of aluminum trusses and scaffolding such as Layher. Now even the most complex structure can be implemented as soon as possible.







INDUSTRIAL CONSTRUCTIONS

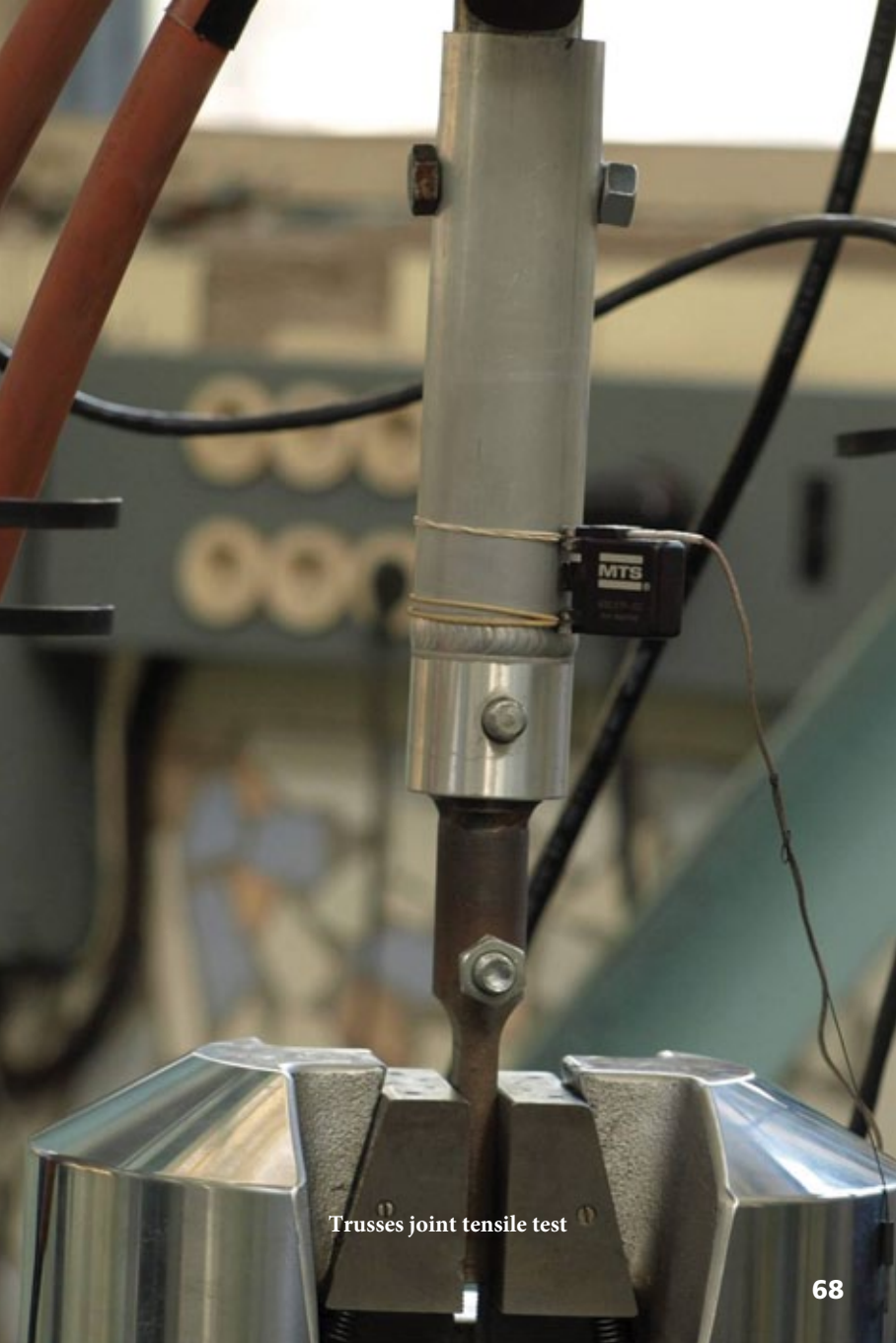




Weld strength test

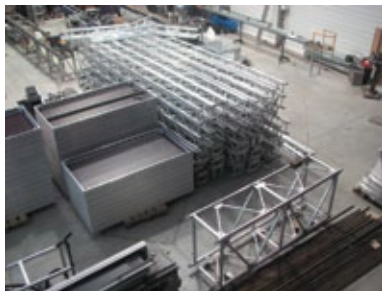


012



Trusses joint tensile test

"Warranty and post-warranty service"



Our "Stage Service Center" offers the following services:

- repair of exploited production (stages, trusses, podiums);
- improvement of production (stages, trusses, podiums);
- modification of existing structures (stages, trusses, podiums);
- production of parts and assemblies according to sketches and drawings of the customer;
- design and construction of new products;
- We maintain close relations with companies that exploit our designs. Stages, trusses, podiums and all non-standard aluminum structures always remain under our supervision;
- all products produced by our company fall under the program of "Warranty and post-warranty service".
- our production is equipped with the state-of-the-art equipment, which gives us the opportunity to produce products of the highest quality;
- the quality of products is confirmed by certificates.

If you are professionally engaged in the operation of stage designs, our "Service Center" will be a reliable assistant for you.

We wish you good luck and easy assembly!

"ALVISS" LTD

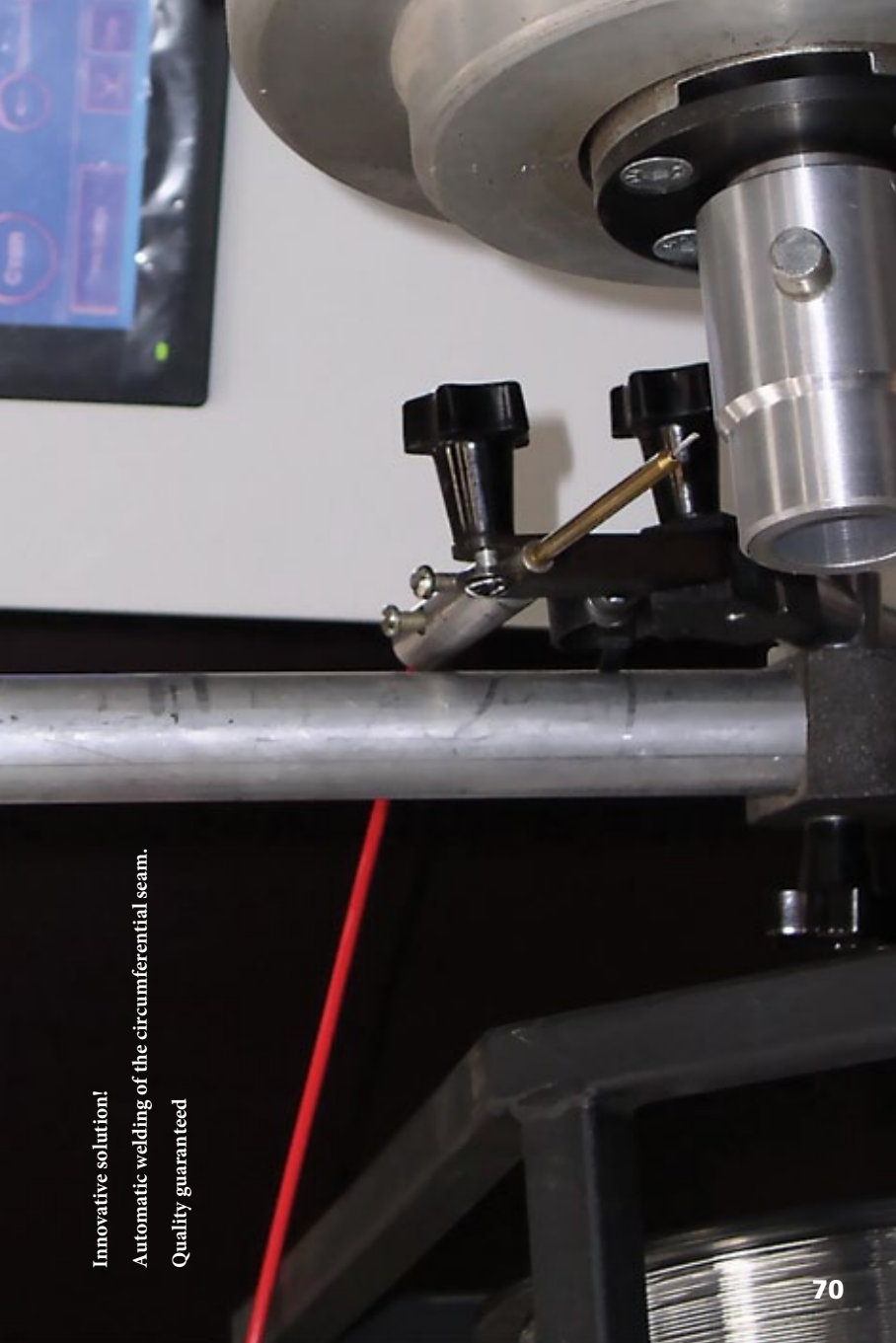
tel.: +38 067 233 27 21,

Kyiv 2022

www.alviss.ua

alviss@alviss.ua

Innovative solution!
Automatic welding of the circumferential seam.
Quality guaranteed



In 2008, ALVISS received a "PRODUCT CERTIFICATE" and a certificate for technological welding processes. In 2010, we, together with the Scientific-technical center of quality assurance and certification "SEPROZ" of the NAS of Ukraine finished work on the certification of the production of the company "ALVISS". The result of 3 years of work is the receipt of the "PRODUCTION CERTIFICATE". In addition, the technological processes for the production of aluminum trusses, stages, podiums, and other products manufactured by LLC "ALVISS" are certified. Below you can see work permits and our licenses. The quality of our products is checked by the "UkrSEPRO" system.

LTD "ALVISS"
manufacture certificate



Welding technology
certificate



U300 QB truss Certificate



Welding technology
certificate



Work order authorization of
increased risk



Construction activity
License.



ALVISS

CREW

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