

interatletika™

PRODUCTION AND SALE OF CHILDREN'S AND OUTDOOR
EQUIPMENT

Customer support:

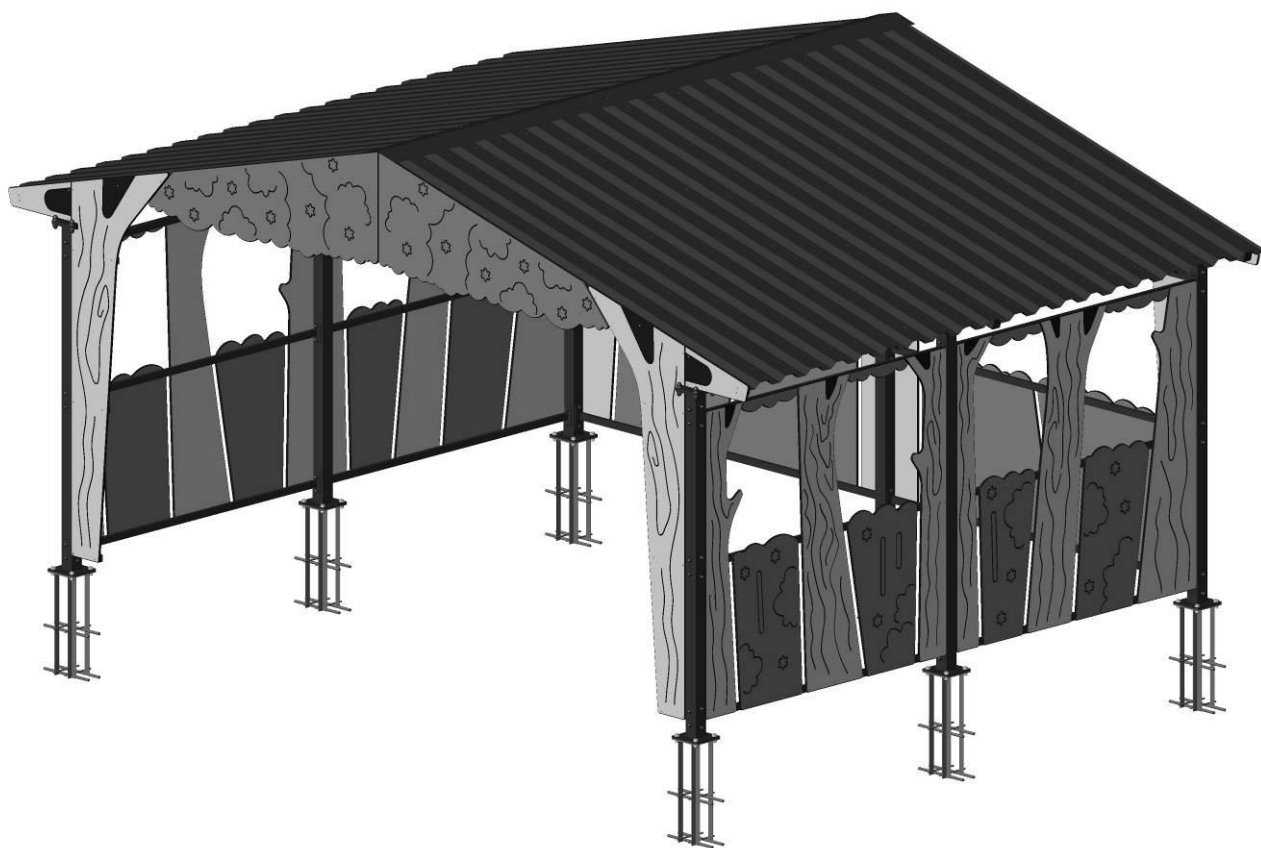
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LK330 – Shade canopy "Forest cabin"

DATA SHEET



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FOR NOTES

[illegible]

1. GENERAL INFORMATION

1.1 Article number _____.

1.2 Name _____.

1.3 Manufacturer LLC «Company Sporttehnika», Ukraine, city of Chernihiv, Ushynsky St., 24.

1.4 Serial number and production date: _____, «____» _____ 20__ year.

1.5 Produced in accordance with regulatory documents: TC AT 28.9-31597759-001:2012.

1.6 The product is designed for children and creates conditions for:

- physical development of the child;

- development of coordination of movements, overcoming fear of heights, development of agility and courage, a sense of teamwork in team games.

The manufacturer can make changes to the product design to improve its performance, change the design, etc.

This document may not contain a description of such changes, but applies to the following modified products.

2. TECHNICAL DATA

	LK330
Length, mm	5815
Width, mm	4115
Height, mm	2856
Height of fall, mm	-
Weight, kg	1019.4
Age range, years	3...7
Weight limits, kg	Up to 60

3. COMPLETENESS

Complete set of the product is given in the «Information about the complete set» та «Complete sets of hardware», supplied with the product.

4. CERTIFICATE OF ACCEPTANCE, PACKAGING AND CONSERVATION

Product _____, serial number _____ complies with regulatory documents TC AT 28.9-31597759-001:2012 and recognised as roadworthy.

Quality control mark: «____» _____ 20__ year.

S.P.

Date

Full name

Packed by LLC «Company Sporttehnika» in accordance with the requirements of regulatory documents.

«____» _____ 20__ year.

Packed by _____

Date of packing

Full name

Signature

Information on conservation and deconservation during operation

Conservation date	Conservation method	Conservation period	Deconservation date	Name of the company (organisation)	Position, full name	Signature

5. INFORMATION ABOUT STORAGE, TRANSPORTATION AND DISPOSAL

The product is transported in the manufacturer's packaging by any means of transport that ensures its safety and protection from external factors (rain, snow, sunlight, water, high humidity, etc.).

Information about transportation

Date		Brand, state number of the ca/trailer	Position, full name	Signature
Departure	Arrival			

Before installation, store the product in the original packaging in dry, closed rooms with natural air ventilation.

If it is necessary to transport the product to another location after use, it is recommended to use the manufacturer's packaging.

If long-term storage of the product is required, the following storage rules must be observed (the list of conditions is not complete):

- place the product in a closed dry room with natural ventilation;

- protect the product from external factors (dust, water drops, etc.) with a large plastic bag, leaving space for free air circulation;

- take other measures to preserve the appearance and characteristics of the product during storage.

When removing the product from storage and preparing for installation, follow the next recommendations:

- remove the product from the packaging material (polyethylene, cardboard, other packaging materials);

- remove dust and other contaminants from the surface of the product;
- check completeness and absence of parts damages.

Storage information

Date		Product storage conditions	Full name	Signature
Putting into storage	Removal from storage			

After the end of the equipment's service life, the buyer independently determines the procedure for its use. If you decide to recycle, contact the seller or specialized organizations.

The equipment does not contain harmful impurities and materials that can harm your health and is not subject to special recycling.

6. INSPECTION AND VERIFICATION

Before starting the operation of the product, it is visually inspected, checked: the integrity of paint coating, fasteners and structural strength.

If there are concrete support parts of the product, make sure that they are securely fixed and do not move.

Check that the equipment and site are free from packaging materials, construction debris and other foreign objects.

Check the proper condition of the shock-absorbing surfaces on the playground.

7. MAINTENANCE

Timely maintenance of the product is the responsibility of the buyer (or a responsible person) and includes:

1. Daily inspection - before using the product, check its performance, visual inspection for the absence of breakdowns, damage, sharp edges on components and parts, structural integrity, strength of wooden structures and element connection points, absence of unnecessary objects on the platforms. If the product is damaged, fully or partially inoperable, or otherwise defective, it is prohibited to use the product.

2. Scheduled inspection is carried out every three months.

It involves a detailed visual and operational inspection of the operation and stability of the equipment, especially with regard to any wear.

In the process of inspection, they determine:

- cleanliness and appearance of the surface of the playground and equipment;
- maintaining distances from parts of the equipment to the surface of the playground;
- absence of protruding parts of the foundations;
- absence of defects/malfunctions of equipment elements;
- wear of moving parts;
- structural integrity of equipment.

Special attention should be paid to hidden and inaccessible parts of the equipment.

3. Annual inspection is held every 12 months to establish the overall safety level of the equipment.

In the process of visual and functional inspection it is determined:

- structural stability;
- integrity of the foundation;
- strength of units of item elements connection;
- wear of sliding surfaces and grips.

Special attention should be given to:

- assessing the impact of weather events;
- the presence of rot or corrosion;
- parts that are closed to access during the entire period of operation.

The results of the inspection, repair or replacement of equipment components must be recorded in the maintenance record sheet.

Maintenance recording

Date and type of inspection	Name of the work done	Remarks on the technical condition	Position, full name, signature of the responsible person

8. INSTRUCTIONS FOR SAFE USE

WARNING. Children are allowed on the equipment only under adult supervision.

Before operating the product, conduct a visual inspection, check the fasteners and structural strength.

The equipment is used on playgrounds without constant supervision by operating personnel. In order to ensure the safe operation of the product, the owner must conduct a daily visual inspection. If malfunctions are detected during the inspection, they must be immediately eliminated, and if this is not possible, the equipment must be closed to children.

There should not be foreign objects, sharp elements, protrusions on the surface of the playground.

Under playground equipment with a free-fall height of more than 600 mm, an impact-absorbing surface must be provided throughout the entire fall zone. With a free fall height of less than 1000 mm, a turf shock-absorbing surface is allowed.

Examples of impact-absorbing coatings

Examples of impact absorbing coverings			
Material ¹	Description	Minimal depth, mm	Height of fall, mm
Turf			≤1000
Tree bark	grain size 20-80 mm	200	≤2000
		300	≤3000
Sawdust	grain size 5-30 mm	200	≤2000
		300	≤3000
Sand ²	grain size 0,2-2 mm	200	≤2000
		300	≤3000
Gravel ²	grain size 2-8 mm	200	≤2000
		300	≤3000
Other materials ³	Characteristics of the tested material		Critical height of fall obtained during testing
<div>1. Materials are specially made for the playgrounds.</div> <div>2. No clay inclusions should be present.</div> <div>3. Grain size is obtained by sieving through a sieve as in EN933-1.</div>			

WARNING. Operating the product without an impact-absorbing coating may result in serious injury during falling down.

Playground surface materials with low impact-absorbing characteristics are used only outside the fall zone.

Product operation:

- it is recommended to show or tell children how to use the equipment;
- during use, it is recommended to hold onto handrails, railings, handles;
- it is forbidden to use until the completion of its full and final installation;
- it is forbidden to use by customers of a different age and weight category;
- before using clear the safety zone from foreign objects, sharp elements, protrusions;
- it is forbidden to move the product elements not intended for this purpose;
- do not operate in difficult weather conditions (ice, snow, rain, hail, strong wind, etc.), which may cause injury to the child.

The manufacturer is not responsible for the consequences:

- poor quality and improper installation of the product;
- use of low-quality materials and inadequate qualifications of personnel during installation of the product;
- use of the product earlier than the period necessary to fix the product in the soil or other material;
- design changes to the product that caused injury;
- lack of proper adult supervision;
- violation of age and weight restrictions by users;
- damage to the product due to improper storage, installation or use of the product for other purposes.

9. INSTALLATION INSTRUCTIONS

Installation of the product can be carried out by the manufacturer, service centre or other legal entities and individuals who have the necessary material and technical base and qualifications.

The product is installed on a prepared flat area, free from debris, trees and other obstacles that interfere with installation (when installed in winter, the area shall be additionally free from snow). The required size of the site is determined by the fall zone of the equipment. When installing in winter on natural ground, it is recommended to choose a site with compacted soil in the area of foundation placement.

The height difference of the prepared site should be:

- a) no more than 50 mm for natural substrates, including substrates with subsequent shock-absorbing coating.
- b) no more than 10 mm for hard substrates (asphalt, concrete), including substrates with subsequent application of a synthetic protective coating.

Before starting the installation, you must:

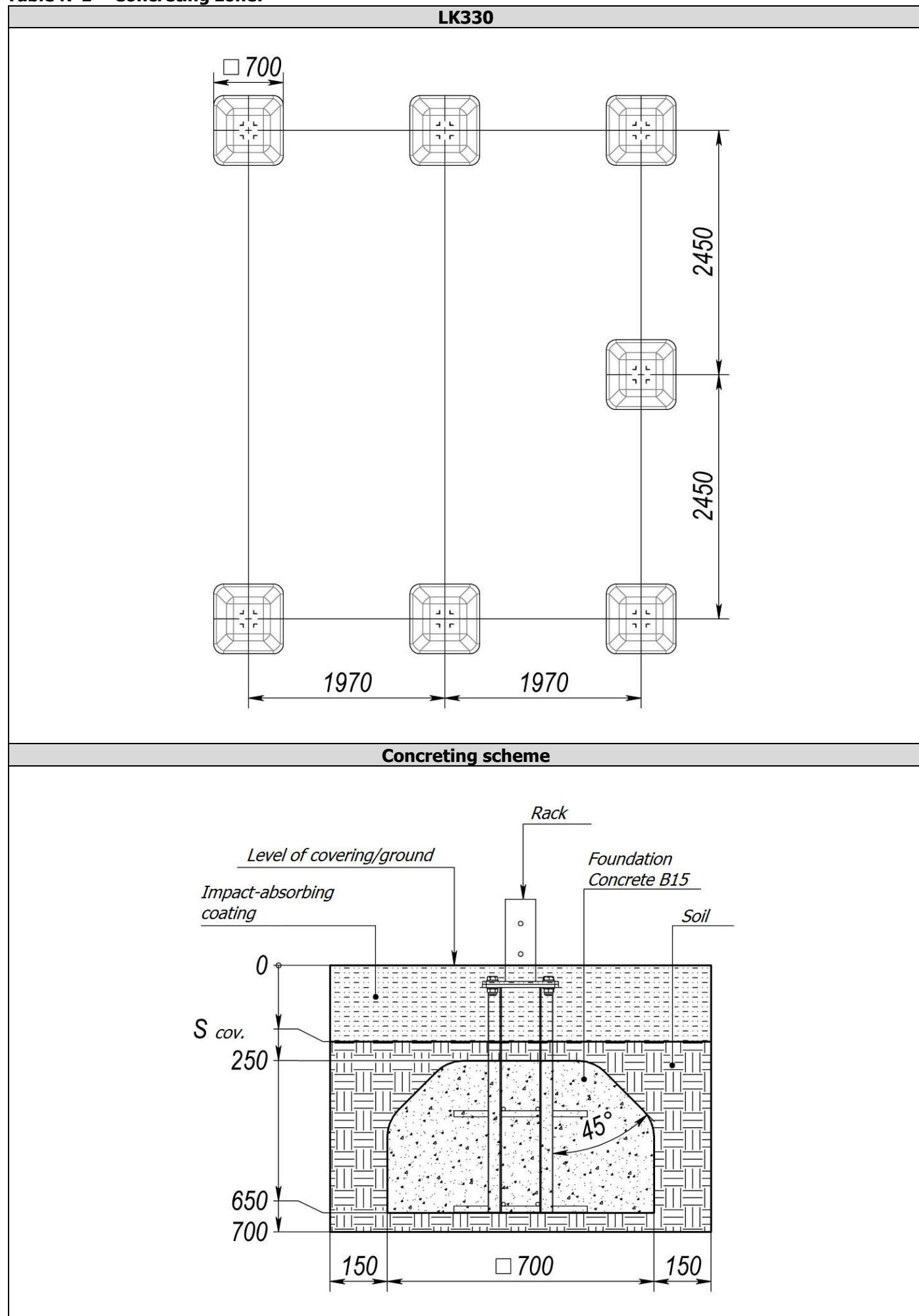
- study the documentation supplied with the product;
- check the completeness in accordance with the documents supplied with the product;
- remove the original packaging from the component part;
- comply with safety requirements.

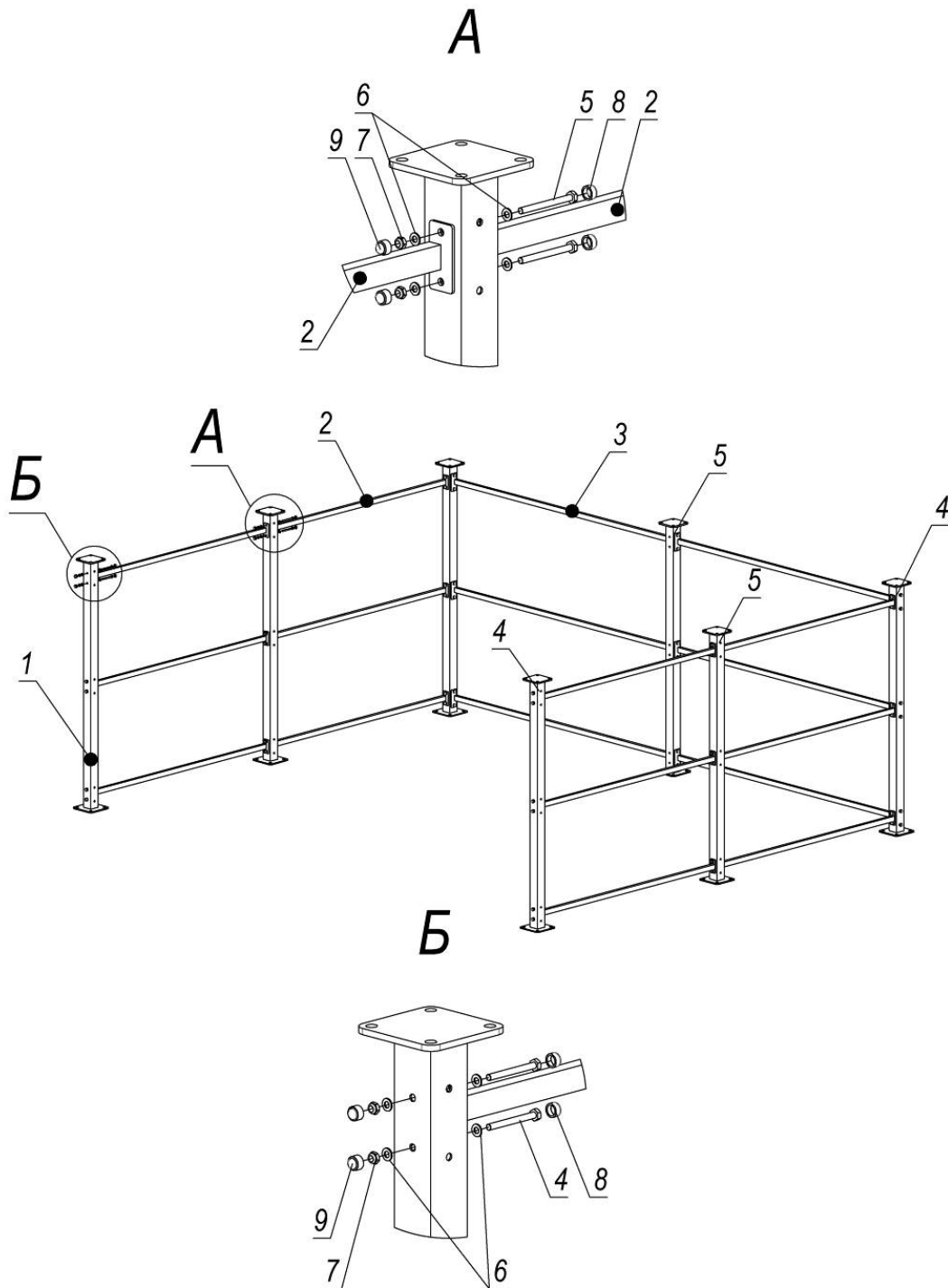
To avoid cracking of the wood, for screws with a diameter of more than 4 mm, drill holes with a diameter of 0.6...0.7 mm to a depth of 0.8 of the screw's length.

WARNING. The presence and participation of children during the installation of the product is not allowed.

Install the product in stages, following the instructions in the appendix.

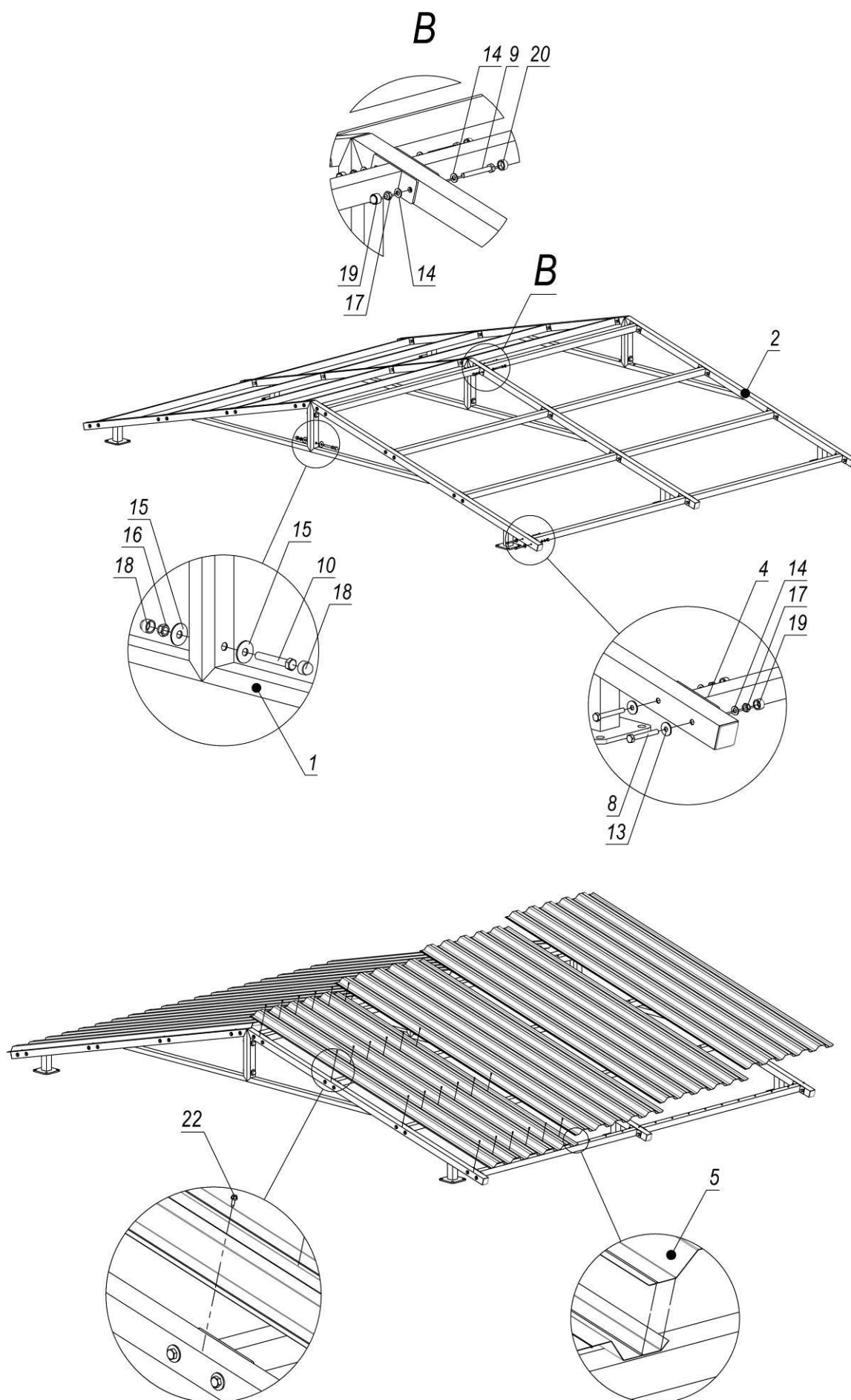
Table №1 – Concreting zone:



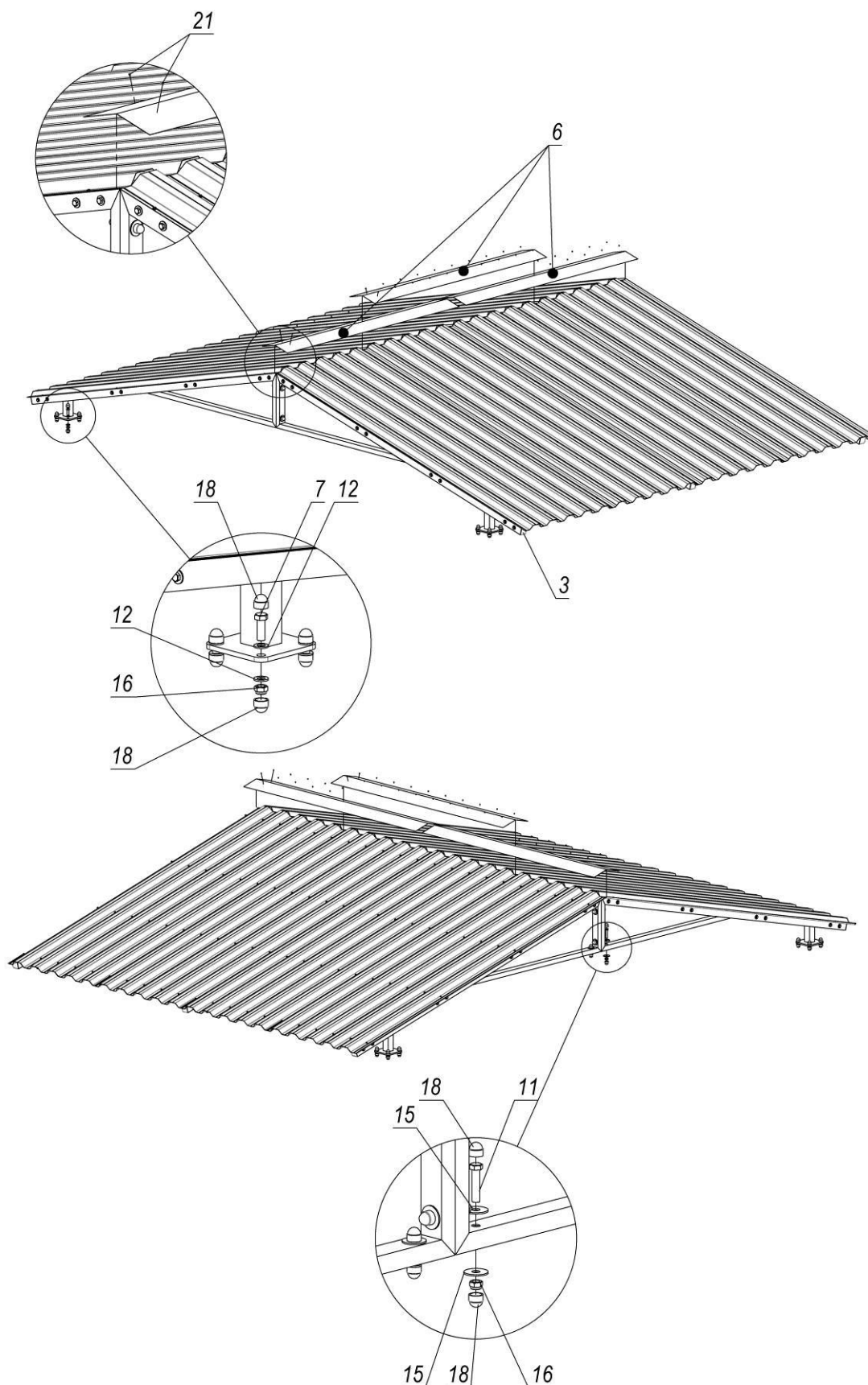


Pos.	Name	Weight, kg	Q-ty
1	Rack	18	7
2	Crosspiece 1890 mm	4	12
3	Crosspiece	5	6
4	Bolt M10*100.A2-70 DIN933 (full thread)		36
5	Bolt M10*110.A2-70 DIN933 (not full thread)		18
6	Washer 10-A2 DIN125 (flat) stainless		108
7	Nut M10.A2-70 DIN985 (lock nut) stainless		54
8	Cap S17 (fl.)		54
9	Cap S17 (fig.)		54

Picture 1 – Assembly scheme of canopy frame



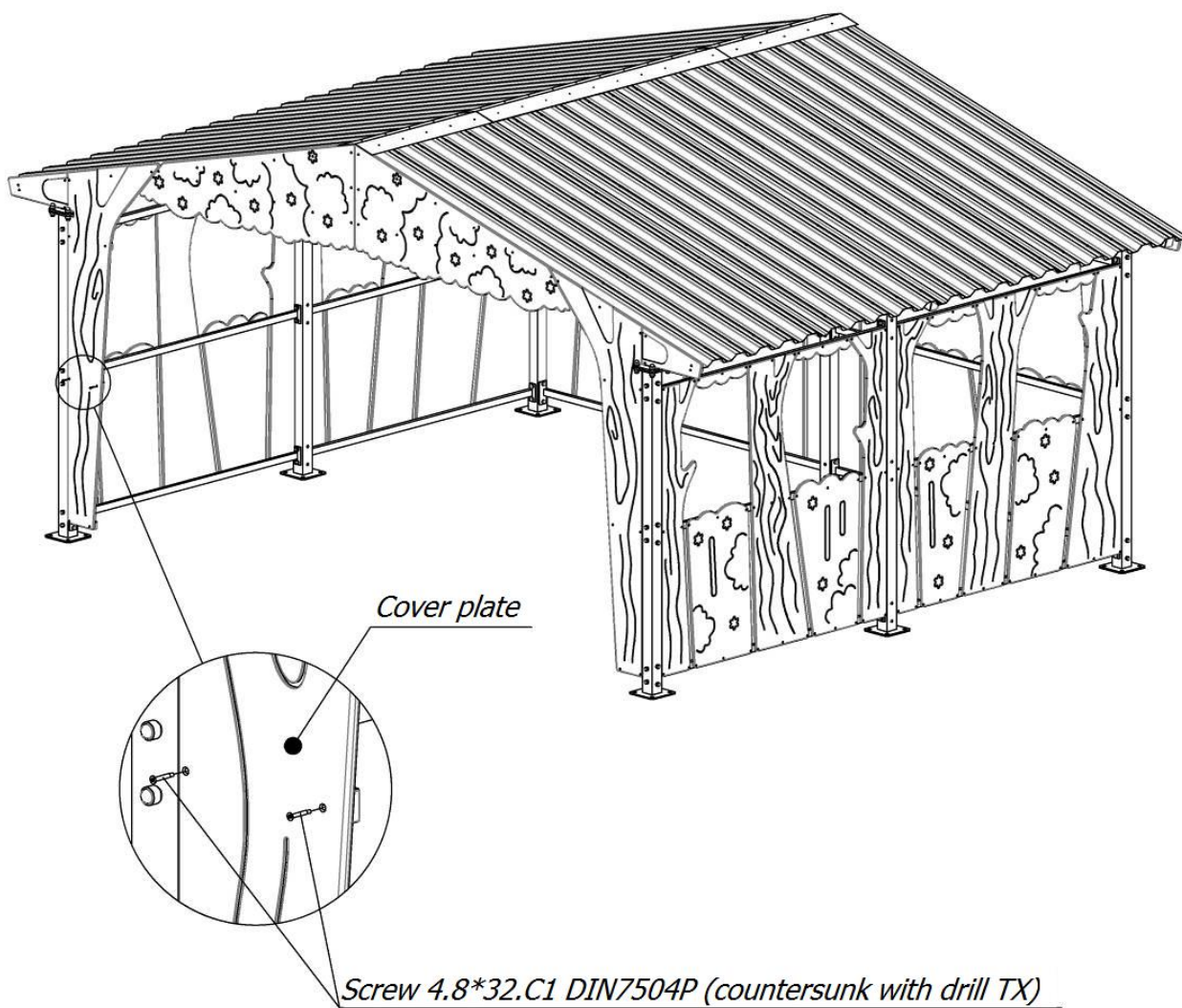
Picture 2 – Roof assembly scheme



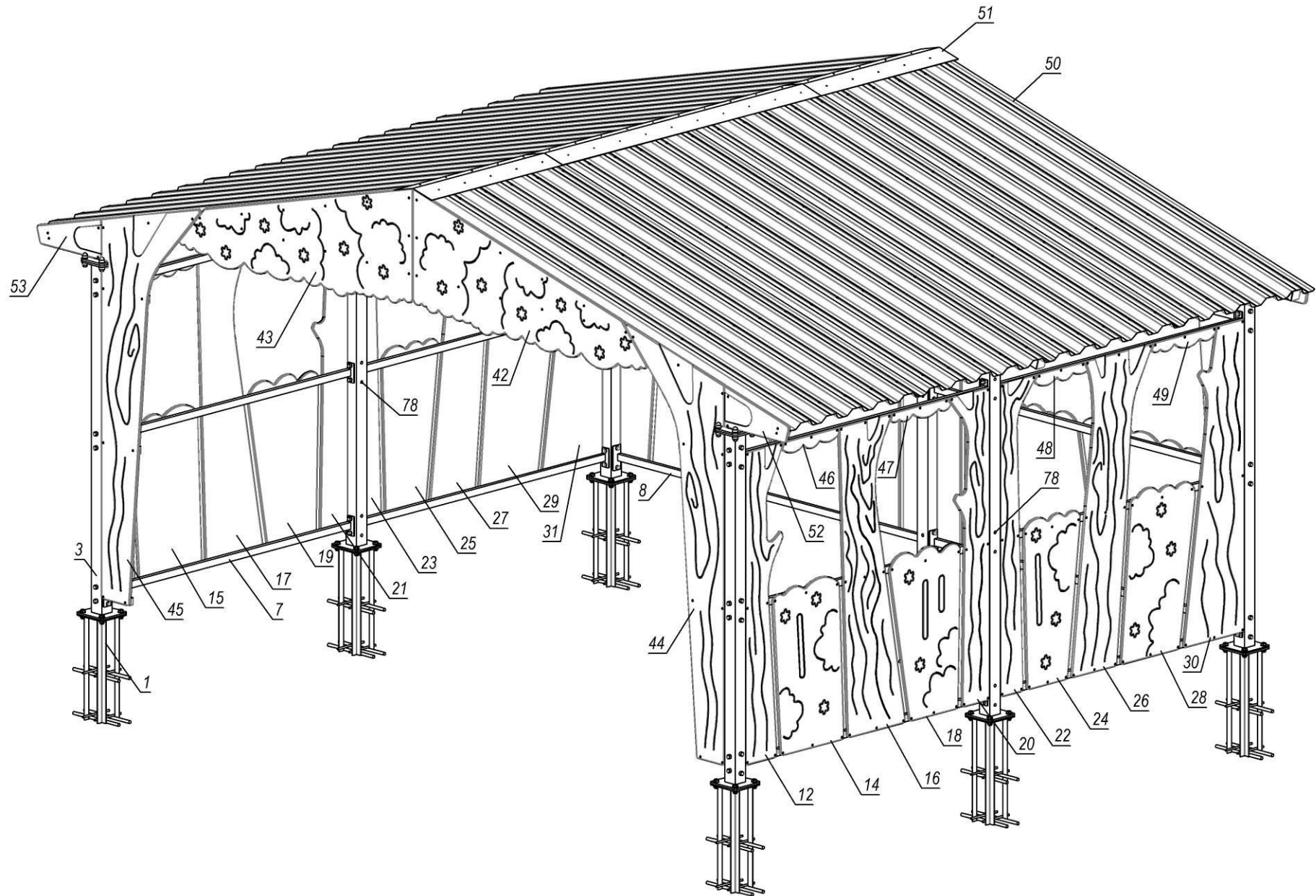
Picture 2.1 – Roof assembly scheme

Table №2 – Name of roof components

<i>Pos.</i>	<i>Name</i>	<i>Weight, kg</i>	<i>Q-ty</i>
1	Roof truss system	22	4
2	Roof truss system	22	2
3	Plug 60x60		6
4	Crosspiece 1900 mm	8	16
5	Profile sheet HC35-1060-0.6 L=3.0m		8
6	Ridge 150x150xx0.45	2	3
7	Bolt M16*45.A2-70 DIN933 (full thread)		24
8	Bolt M10*80.A2-70 DIN931 (not full thread)		32
9	Bolt M10*25.A2-70 DIN933 (full thread)		16
10	Bolt M16*100.A2-70 DIN933 (not full thread)		6
11	Bolt M16*70.A2-70 DIN933 (full thread)		2
12	Washer 16-A2 DIN125 (flat) stainless		49
13	Washer 10-A2 DIN9021 (enlarged) stainless		32
14	Washer 10-A2 DIN125 (flat) stainless		64
15	Washer 16-A2 DIN9021 (enlarged) stainless		15
16	Nut M16.A2-70 DIN985 (lock nut)		32
17	Nut M10.A2-70 DIN985 (lock nut) stainless		48
18	Plug to the bolts MS16		64
19	Cap S17 (fig.)		48
20	Cap S17 (fl.)		16
21	Rivet 3.2*6 A2/A2 DIN7337 (fl.) stainless		40
22	Screw 4.8*19 DIN7504K (hexagonal with drill + washer EPDM)		168



Picture 3 – Installation scheme of panels



Picture 4

Pos.	Name	Weight, kg	Q-ty	Pos.	Name	Weight, kg	Q-ty
1	Embedded element 600mm assembly	9	7	41	Cover plate	21	1
2	Spacer	4	1	42	Cover plate	12	1
3	Rack	19	7	43	Cover plate	12	1
4	Roof truss system	23	4	44	Cover plate	11	1
5	Roof truss system	23	2	45	Cover plate	11	1
6	Crosspiece 1900 mm	8	16	46	Cover plate		2
7	Crosspiece 1890 mm	4	12	47	Cover plate		2
8	Crosspiece	5	6	48	Cover plate		2
9	Console crosspiece		2	49	Cover plate		2
10	Console crosspiece		2	50	Profile sheet HC35-1060-0.6 L=3.0m	17	8
11	Console crosspiece		2	51	Ridge 150x150x0.45	2	3
12	Cover plate	5	1	52	Cover plate	1	1
13	Cover plate	5	1	53	Cover plate	1	1
14	Cover plate	7	1	54	Cover plate		1
15	Cover plate	7	1	55	Cover plate		1
16	Cover plate	9	1	56	Cover plate		2
17	Cover plate	9	1	57	Plug 60x60		6
18	Cover plate	6	1	58	Cap S17 (fig.)		114
19	Cover plate	6	1	59	Cap S17 (fl.)	2	82
20	Cover plate	5	1	60	Plug 25x40		6
21	Cover plate	5	1	61	Screw 4.2*25-A2 DIN7982 C (countersunk for Me,TX,A2)		12
22	Cover plate	4	1	62	Screw 4.8*19 DIN7504 K (hexagonal with drill + washer EPDM)		168
23	Cover plate	4	1	63	Screw 4.8*32.C1 DIN7504 P (countersunk with drill TX) stainless		314
24	Cover plate	5	1	64	Bolt M10*25.A2-70 DIN933 (full thread)		16
25	Cover plate	5	1	65	Bolt M10*80.A2-70 DIN931 (not full thread)		32
26	Cover plate	9	1	66	Bolt M10*100.A2-70 DIN933 (full thread)		48
27	Cover plate	9	1	67	Bolt M10*110.A2-70 DIN931 (not full thread)		18
28	Cover plate	7	1	68	Bolt M16*45.A2-70 DIN933 (full thread)		28
29	Cover plate	7	1	69	Bolt M16*70.A2-70 DIN933 (full thread)		2
30	Cover plate	9	1	70	Bolt M16*100.A2-70 DIN933 (not full thread)		6
31	Cover plate	9	1	71	Washer 10-A2 DIN125 (flat) stainless		196
32	Cover plate	10	1	72	Washer 10-A2 DIN9021 (enlarged) stainless		32
33	Cover plate	10	1	73	Washer 16-A2 DIN125 (flat) stainless		57
34	Cover plate	12	1	74	Washer 16-A2 DIN9021 (enlarged) stainless		15
35	Cover plate	12	1	75	Nut M10.A2-70 DIN985 (lock nut) stainless		114
36	Cover plate	13	1	76	Nut M16.A2-70 DIN985 (lock nut)		36
37	Cover plate	13	1	77	Plug to bolts MS16		72
38	Cover plate	7	1	78	Plug ZDO 15x12 (for tech. holes)		36
39	Cover plate	7	1	79	Rivet 3.2*6 A2/A2 DIN7337 (fl.) stainless		40
40	Cover plate	21	1				

Picture 6