

interatletika™

PRODUCTION AND SALE OF CHILDREN'S AND OUTDOOR
EQUIPMENT

Customer support by phone:

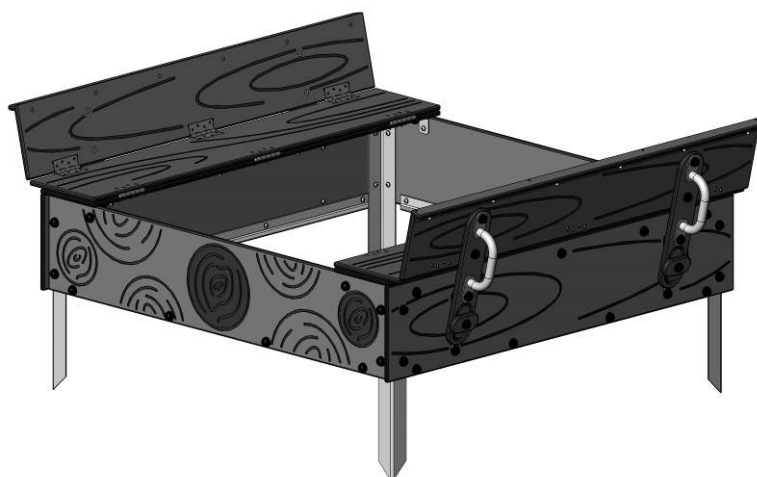
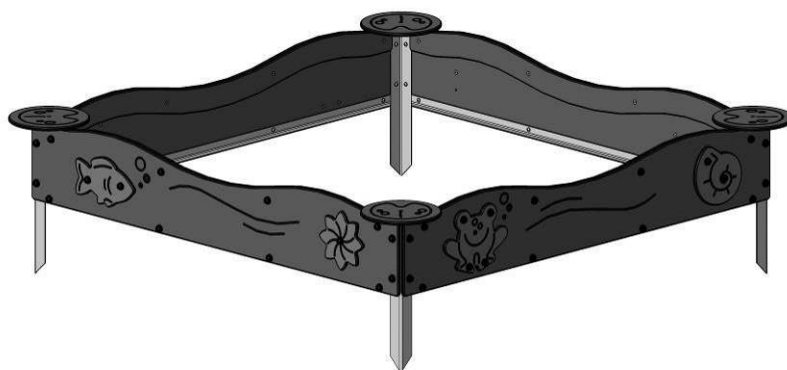
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LK309 - Sandbox "Lake"
LK309.1 - Sandbox "Sea"
LK310 - Sandbox "Viking"
LK310.1 - Sandbox "Firefighting"
LK311 - Sandbox "Building site"
LK313 - Sandbox "Creativity table"
LK313-I - Sandbox "Creativity table"
LK314 - Sandbox "Spikelet"
LK314.1 - Sandbox "Sunflower"
LK314.2 - Sandbox "Sunflower"

DATA SHEET



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FOR NOTES

[illegible]

1. GENERAL INFORMATION

1.1 Item number _____.

1.2 Name _____.

1.3 Manufacturer LLC «Company Sporttechnika», 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 movements coordination, overcoming fear of heights, development of agility and courage, 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

№ p/n	Code	Name	Overall dimensions, mm			Weight, kg
			Length, mm	Width, mm	Height, mm	
1	LK309	Sandbox "Lake"	2232	2232	340	78
2	LK309.1	Sandbox "Sea"	2232	2232	340	75
3	LK310	Sandbox "Viking"	1598	1470	417	80
4	LK310.1	Sandbox "Firefighting"	1598	1470	417	81
5	LK311	Sandbox "Building site"	2237	2237	327	71
6	LK313	Sandbox "Creativity table"	1229	1370	665	71
7	LK313-I	Sandbox "Creativity table"	1200	876	822	48,2
8	LK314	Sandbox "Spikelet"	1615	1615	330	59
9	LK314.1	Sandbox "Sunflower"	1927	1927	2029	106
10	LK314.2	Sandbox "Sunflower"	1615	2339	2955	124

3. COMPLETENESS

Complete set of the product is given in the «Complete set information» and «Complete set of fasteners», 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 serviceable.

OTC mark: «____» _____ 20__ year.

Date

Full name

P.S.

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

«____» _____ 20__ year.

Date of packing

Packed by _____

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 ON STORAGE, TRANSPORTATION AND RECYCLING

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 damage.

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 CHECKING

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. PRODUCT 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. REPAIR AND RECORDING OF MALFUNCTIONS

Replace all defective components with parts from the manufacturer.

It is forbidden to manufacture and replace components and parts of the equipment independently.

Recording malfunctions during operation

Date of failure of the product, its component part or structural element	Nature (external manifestation) of the malfunction	Corrective actions taken	Position, full name, signature of the responsible person

Information about the repair

Name of a component or structural element	The reason for the repair	Date		Name of the organisation, position, full name, signature of the person who performed the repair
		Put for repair	Out of repair	

9. INSTRUCTIONS FOR SAFE USE

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

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

The equipment is used on the 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 for users.

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

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

Examples of impact-absorbing coatings

Material ¹	Description	Minimal depth, mm	Free 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 free height of fall, obtained during testing
1. Materials specially prepared for playgrounds. 2. There should not be any clay inclusions. 3. The grain size is obtained by sieving through a sieve as in EN933-1.			

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

Playground surface materials with low impact-absorbing features should only be used outside the fall zone.

Product use:

- 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 users of a different age and weight category;
- before using clear the surface from foreign objects, sharp elements, protrusions;
- it is forbidden to move the product elements which are not intended for this;
- do not use in difficult weather conditions (ice, snow, rain, hail, strong wind, etc.), in which there is a possibility of injury to the child.

The manufacturer is not responsible for the consequences:

- poor quality and improper installation of the product;

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- 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 control;
- violation of age and weight restrictions by users;
- damage to the product due to improper storage, installation or use of the product for purposes other than those intended.

10. 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.

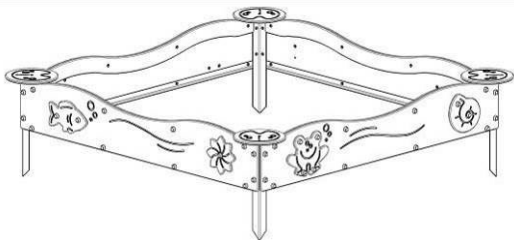
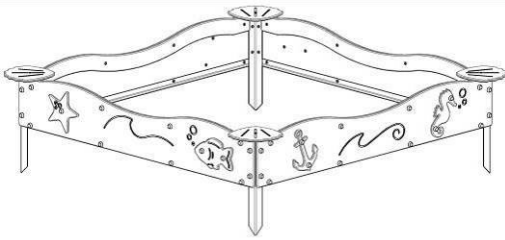
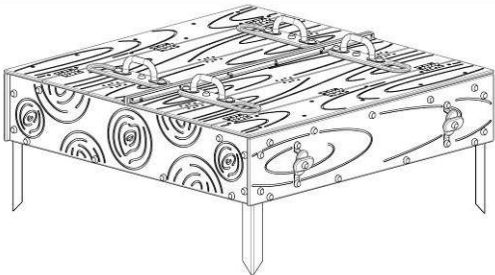
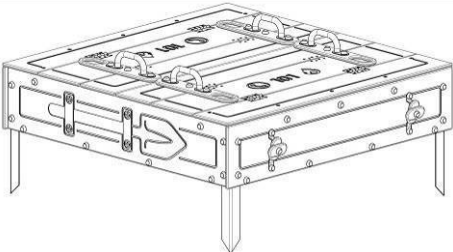
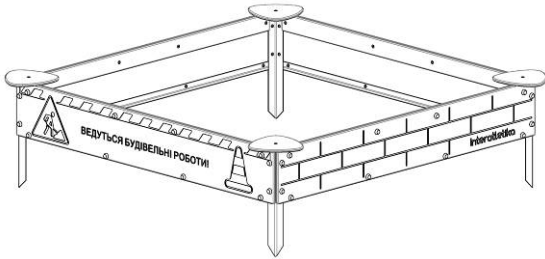
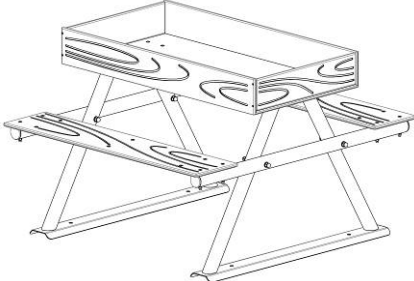
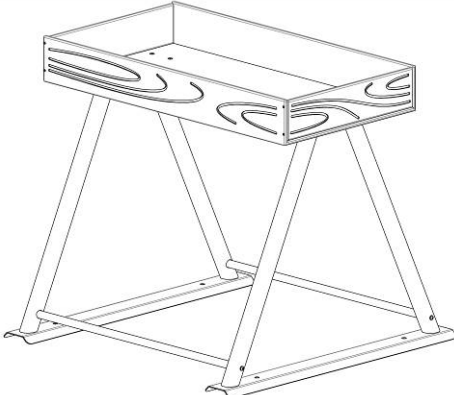
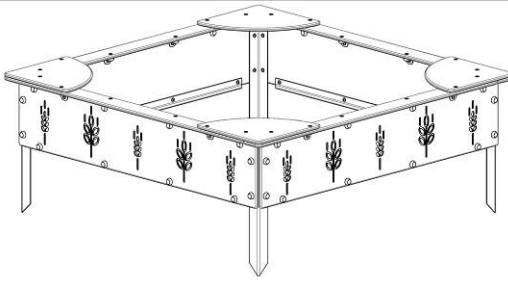
Before starting the installation, you must:

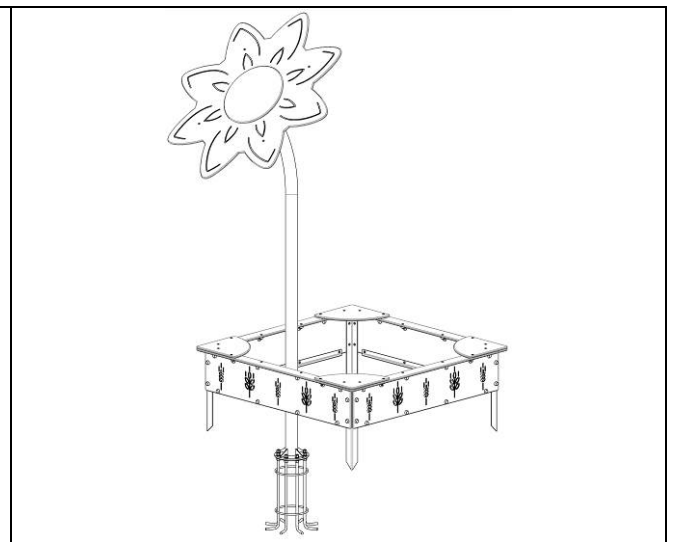
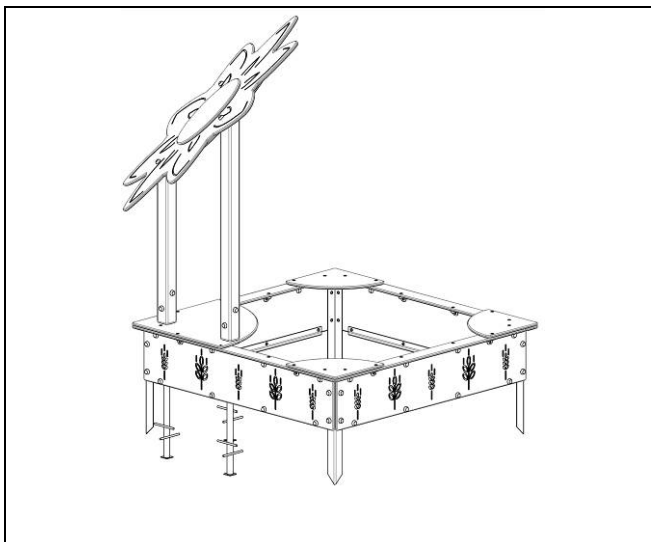
- study the documentation supplied with the product;
- check the completeness in accordance with the documents supplied with the product;
- remove the original packaging from the component part;
- comply with safety requirements.

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.

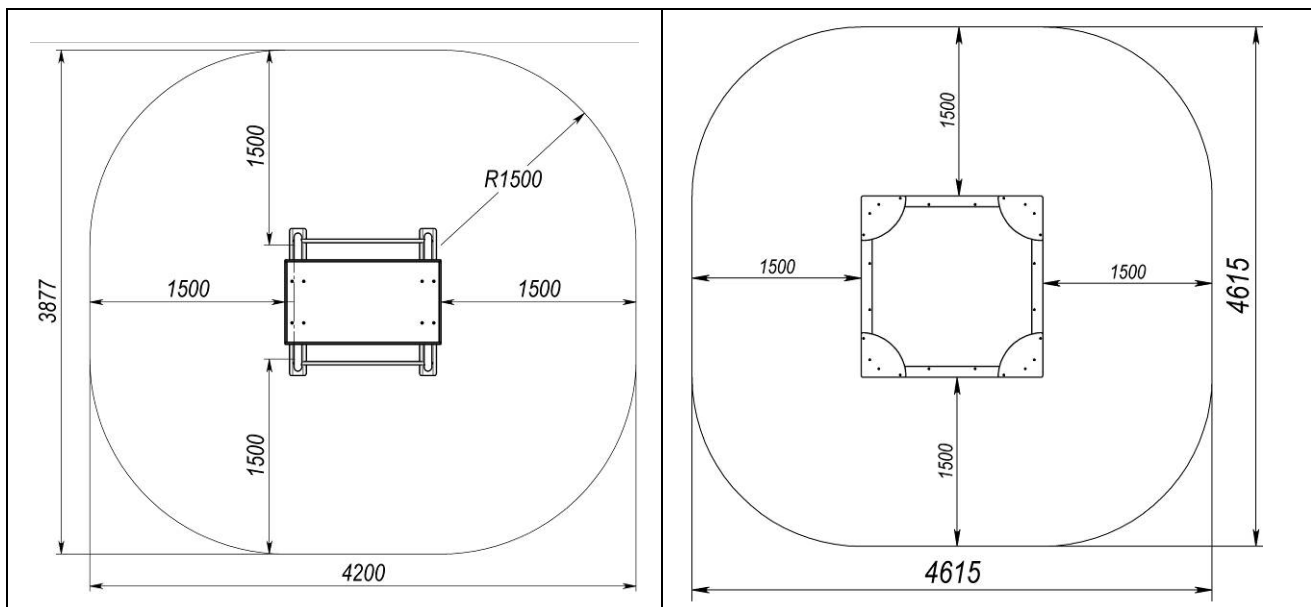
WARNING. The presence and participation of children during the installation of the product is not allowed.

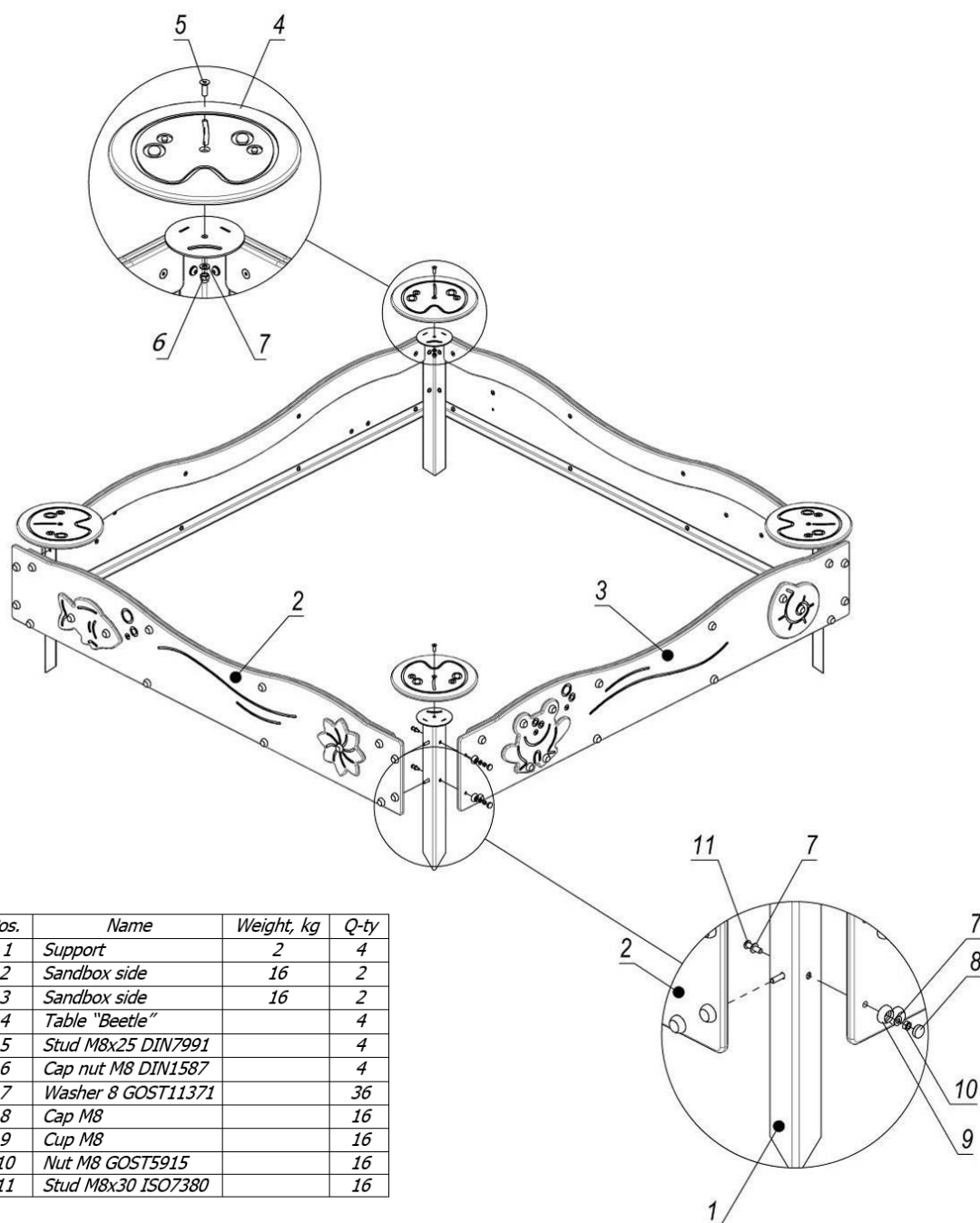
Install the product in stages, following the instructions in the appendix.

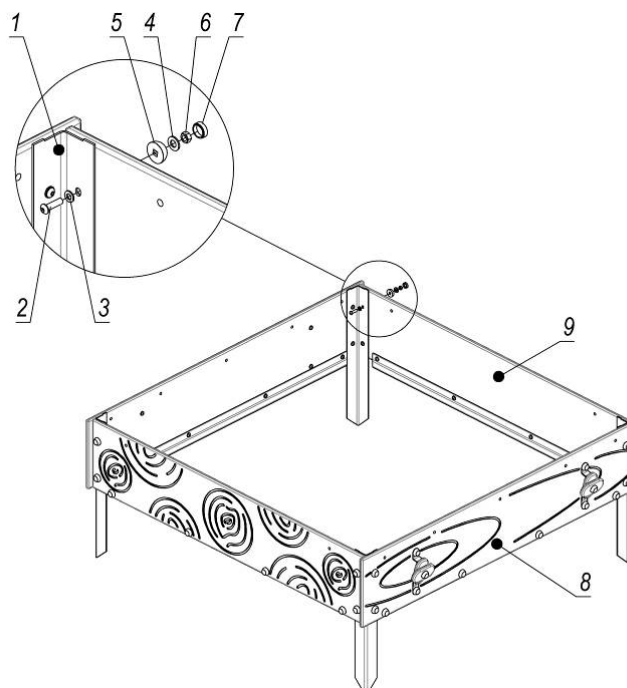
General view	
LK309	LK309.1
	
LK310	LK310.1
	
LK311	LK313
	
LK313-I	LK314
	
LK314.1	LK314.2



Safety zone	
LK309, LK309.1	LK310, LK310.1
Diagram showing the top view of the square structure LK309, LK309.1. The structure has a square footprint of 1500x1500. The safety zone is a larger square with rounded corners, measuring 5232x5232. The distance from the center of the structure to the edge of the safety zone is 1500 on all sides.	Diagram showing the top view of the square structure LK310, LK310.1. The structure has a square footprint of 4826x4826. The safety zone is a larger square with rounded corners, measuring 4470x4470. The distance from the center of the structure to the edge of the safety zone is 1500 on all sides.
LK311	LK313
Diagram showing the top view of the square structure LK311. The structure has a square footprint of 1500x1500. The safety zone is a larger square with rounded corners, measuring 5237x5237. The distance from the center of the structure to the edge of the safety zone is 1500 on all sides.	Diagram showing the top view of the square structure LK313. The structure has a square footprint of 1500x1500. The safety zone is a larger square with rounded corners, measuring 4370x4200. The distance from the center of the structure to the edge of the safety zone is 1500 on all sides.
LK313-I	LK314, LK314.1, LK314.2

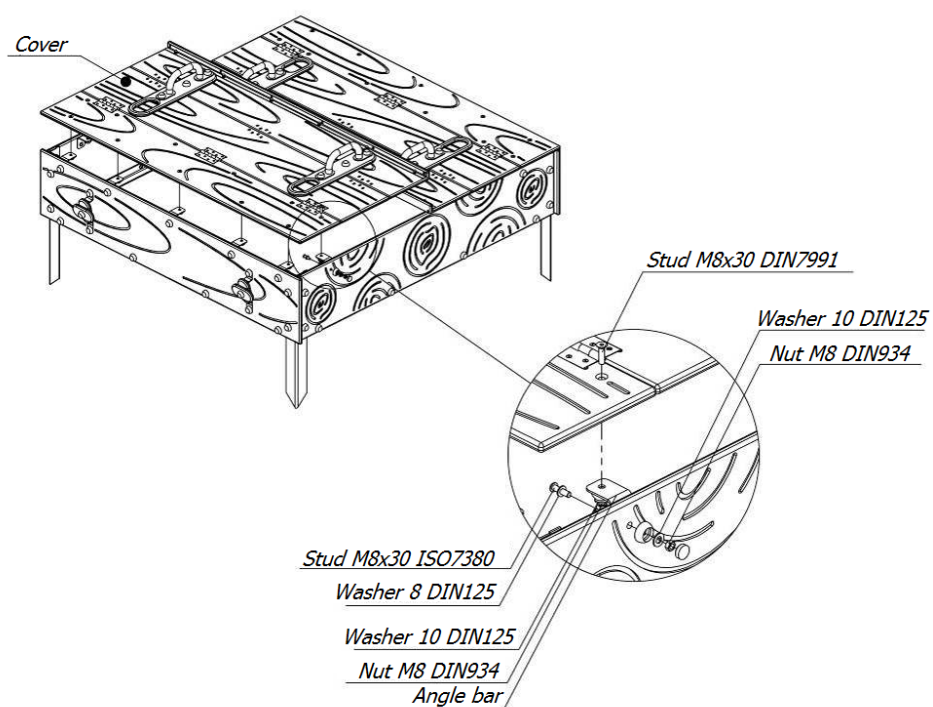




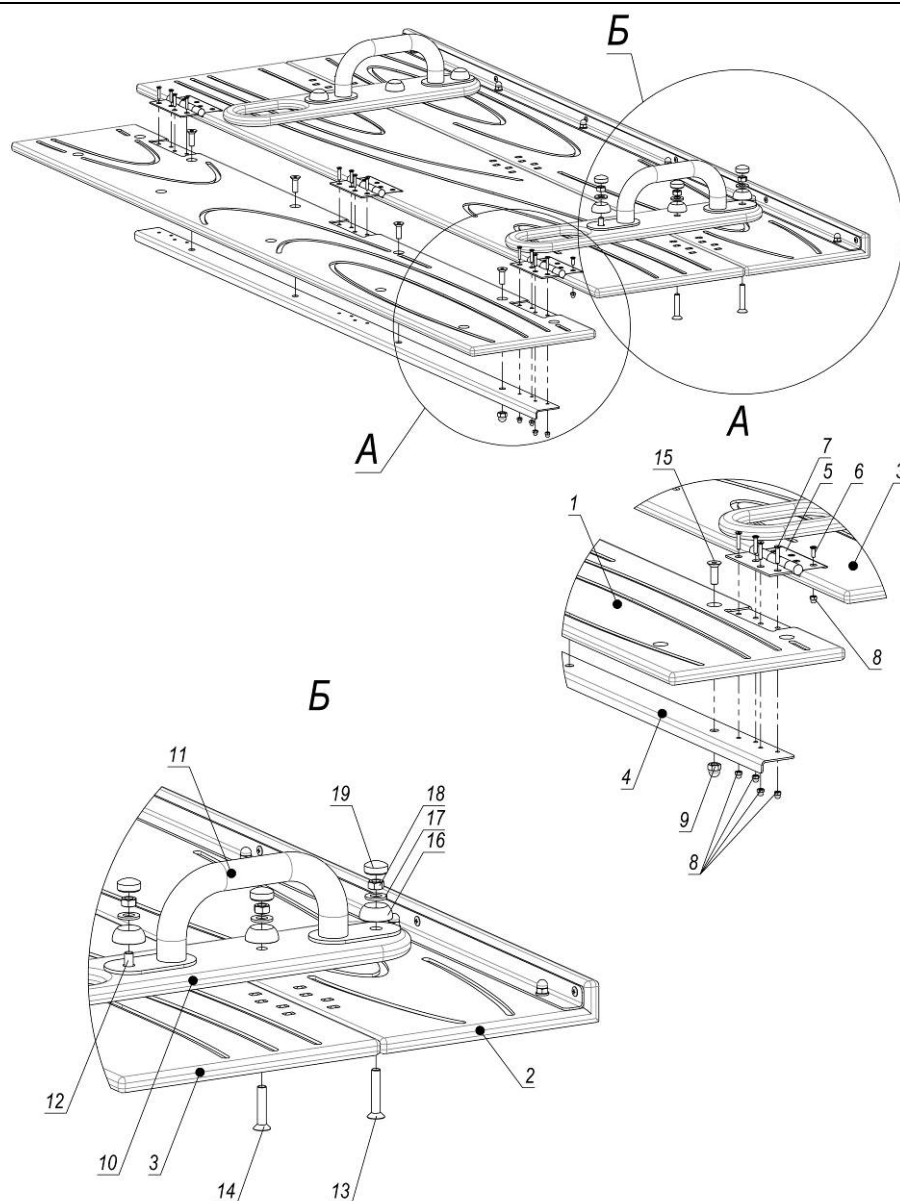


Pos.	Name	Weight, kg	Q-ty
1	Rack	2	4
2	Stud M8*30 ISO7380 (half round)		16
3	Washer 8 DIN125 (flat)		16
4	Washer 10 DIN125 (flat)		16
5	Cup M8		16
6	Nut M8 DIN 934 (hexagonal)		16
7	Cap M8		16
8	Side assembly (module)	10	2
9	Side assembly (module)	8	2

Assembly scheme LK310, LK310.1 of cover sections

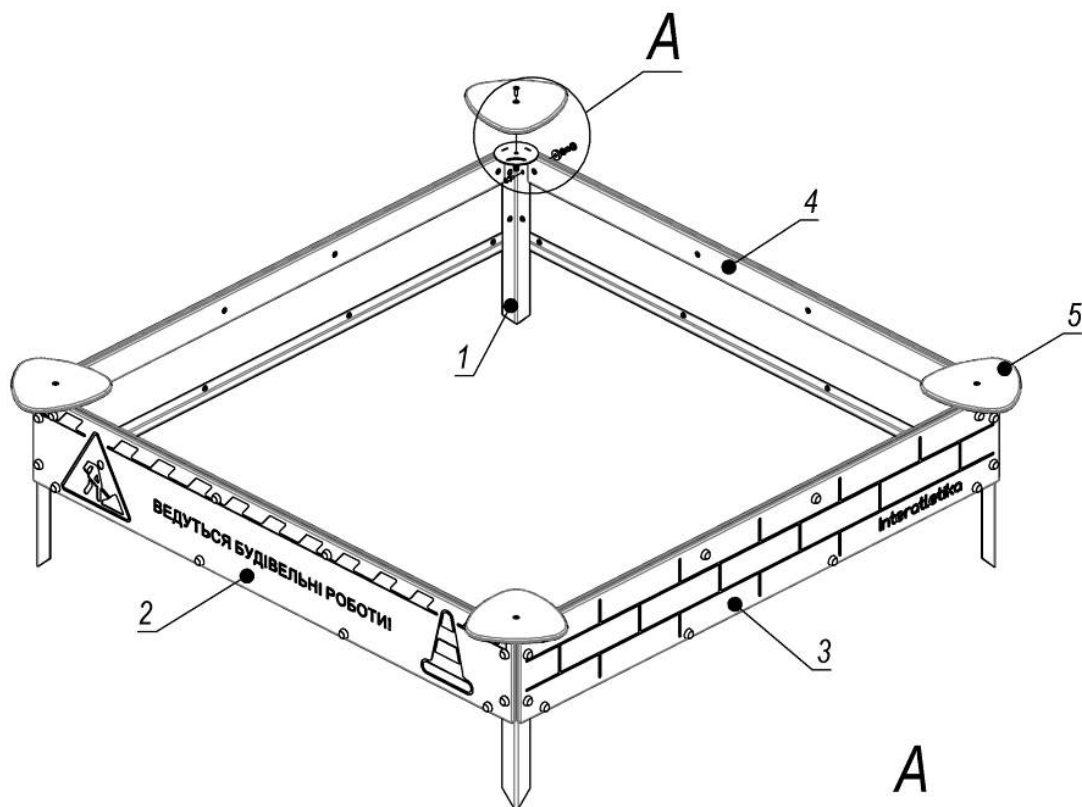


Cover sections LK310, LK310.1

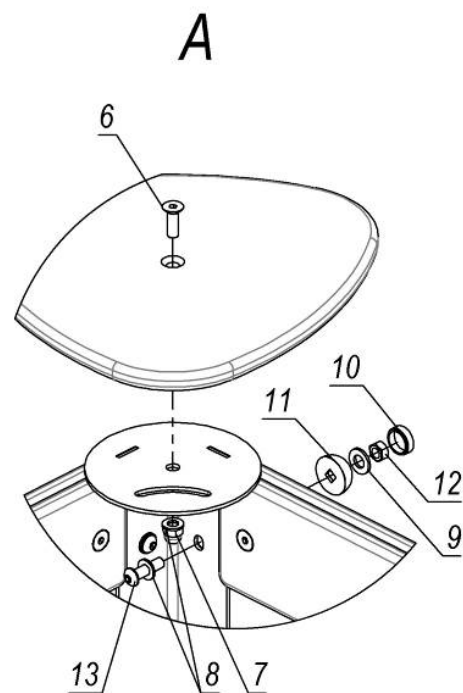


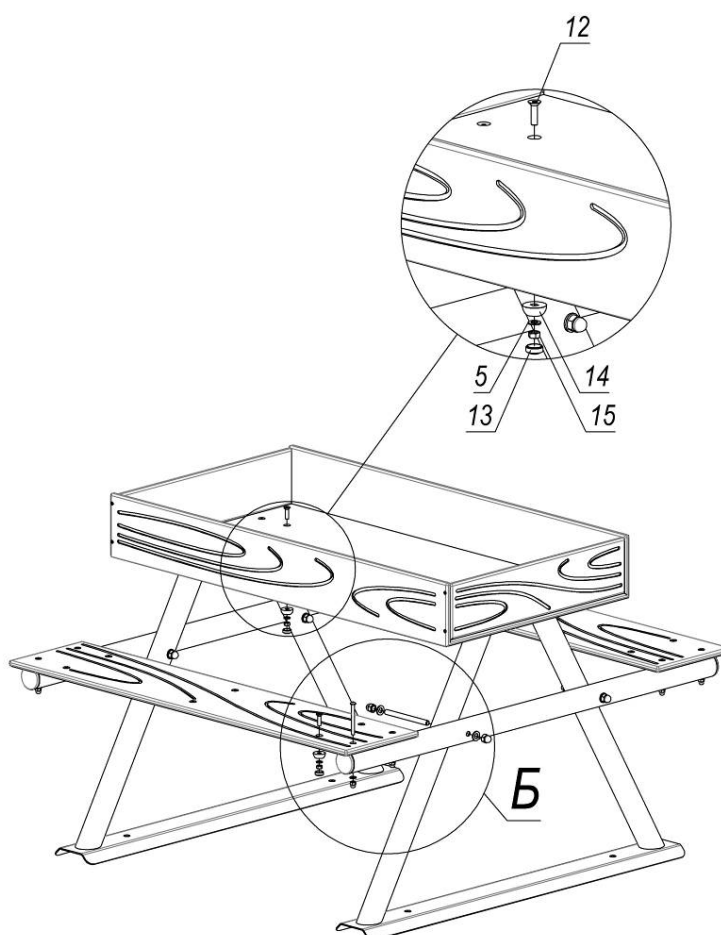
Pos.	Name	Weight, kg	Q-ty
1	Cover section	5	1
2	Cover section	6	1
3	Cover section	6	1
4	Gaining angle bar	1	1
5	Loop universal 100 mm (brass)		6
6	Stud M4*12 DIN 965 (countersunk, PZ)		36
7	Stud M4*20 DIN 965 (countersunk, PZ)		12
8	Nut M4 DIN 1587 (cap nut)		48
9	Nut M8 DIN 1587 (cap nut)		4
10	Chock		2
11	Handle		2
12	Stud M8*30 DIN 7991 (countersunk)		2
13	Stud M8*45 DIN 7991 (countersunk)		2
14	Stud M8*40 DIN 7991 (countersunk)		2
15	Stud M8*25 DIN 7991 (countersunk)		4
16	Cup M8		6
17	Washer 10 DIN 125 (flat)		6
18	Nut M8 DIN 934 (hexagonal)		6
19	Cap M8		6

Assembly scheme LK311



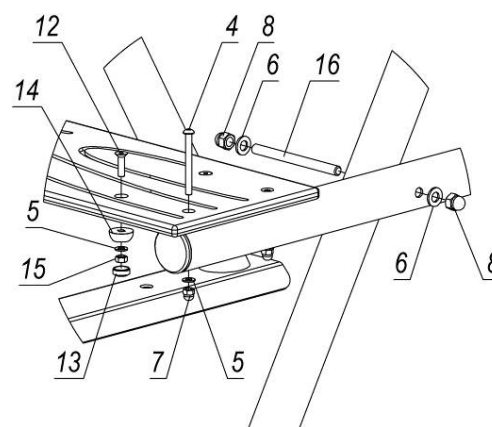
Pos.	Name	Weight, kg	Q-ty
1	Support	2	4
2	Sandbox side	14	1
3	Sandbox side	14	2
4	Sandbox side	14	1
5	Table		4
6	Stud M8x25 DIN7991		4
7	Cap nut M8 DIN1587		4
8	Washer 8 GOST11371		20
9	Washer 10 GOST11371		16
10	Cap M8		16
11	Cup M8		16
12	Nut M8 GOST5915		16
13	Stud M8x30 ISO7380		16



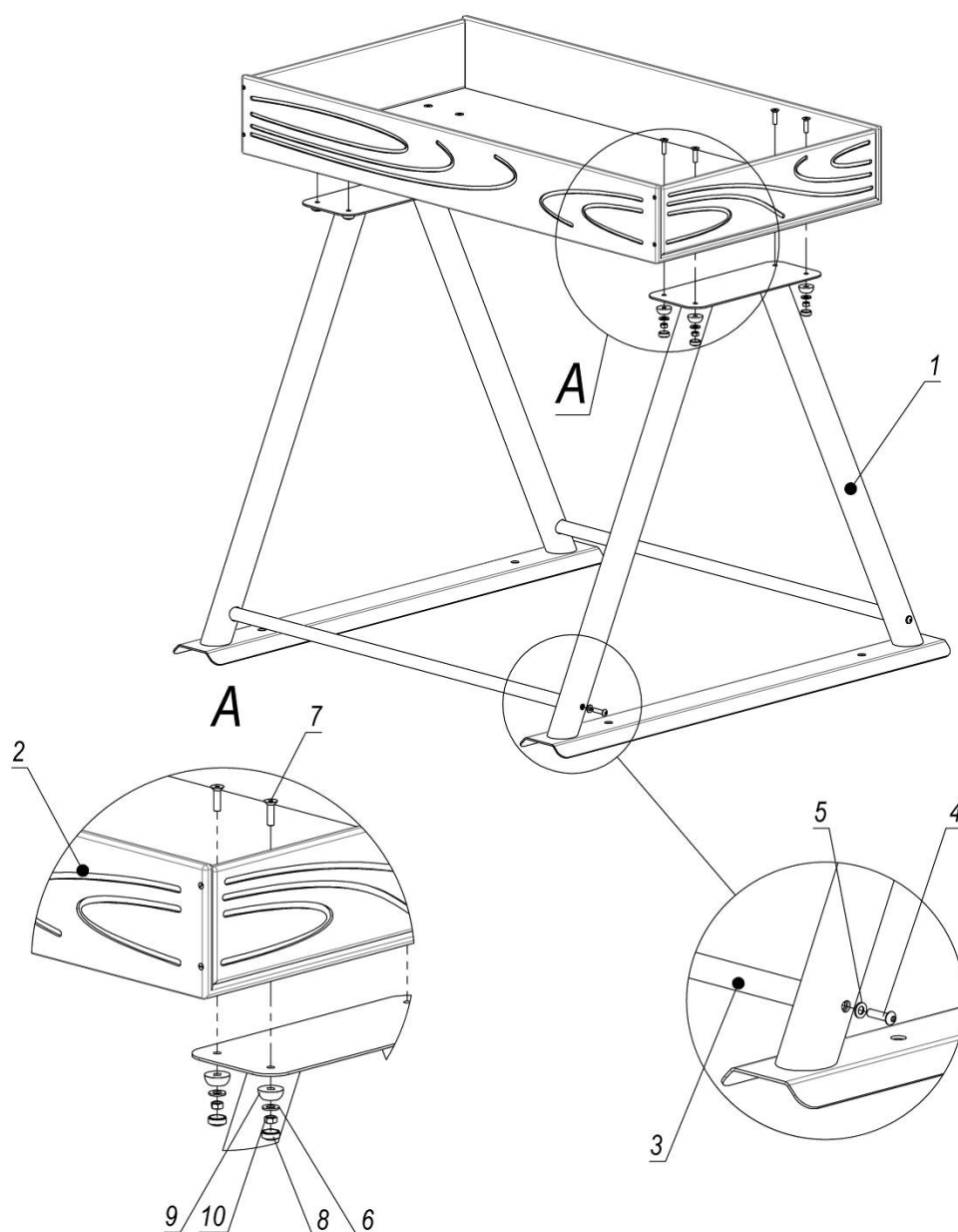


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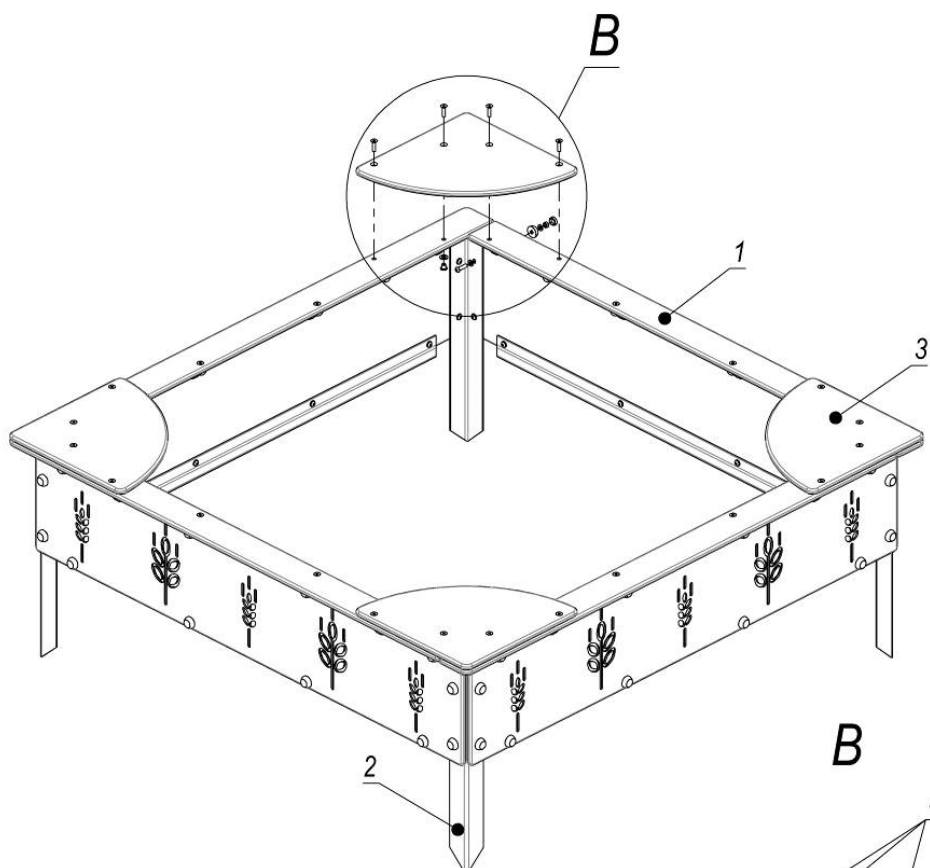
Pos.	Name	Weight, kg	Q-ty
1	Rack	11	2
2	Beam	5	2
3	Plug F60 R		4
4	Stud M8x80 ISO7380		8
5	Washer 8 GOST11371		28
6	Washer 12 GOST11371		8
7	Cap nut M8 DIN1587		8
8	Cap nut M12 DIN1587		8
9	Box	19	1
10	Bench	4	2
11	Frame channel	3	2
12	Stud m8x30 DIN7991		20
13	Cap M8		20
14	Cup M8		20
15	Nut M8 GOST5915		20
16	Cog		4



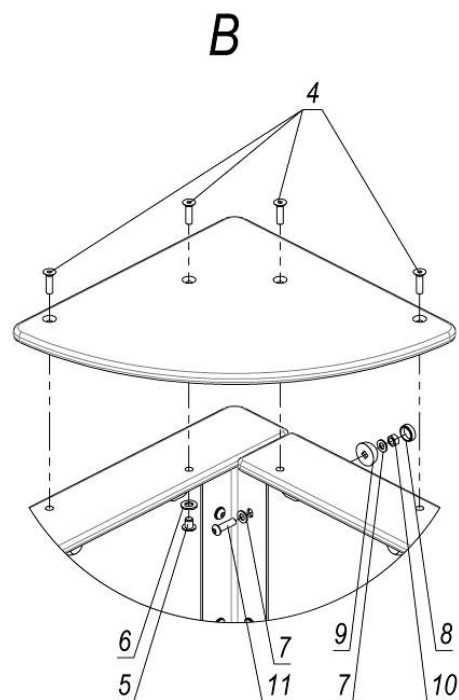
Assembly scheme LK313-I



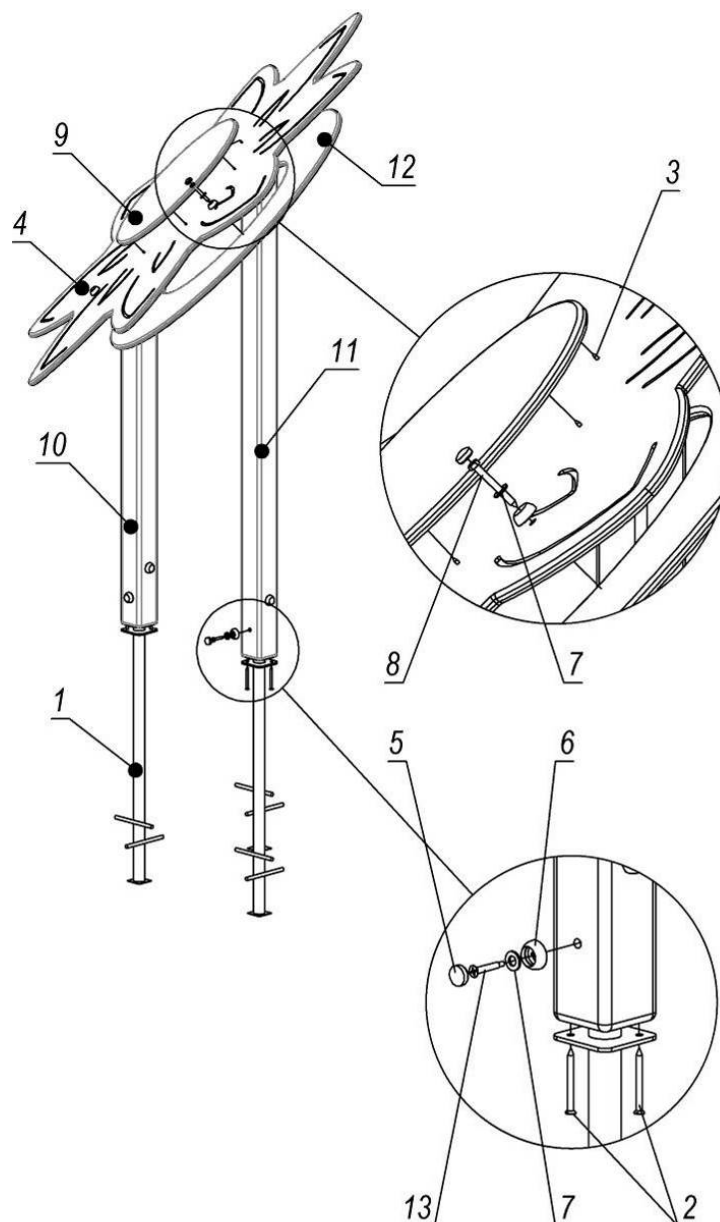
Pos.	Name	Weight, kg	Q-ty
1	Rack	13	2
2	Box	19	1
3	Brace rod		2
4	Stud M8*30 ISO 7380 (half-round)		4
5	Washer 8 DIN 125 (flat)		4
6	Washer 10 DIN 125 (flat)		8
7	Stud M8*30 DIN 7991 (countersunk)		8
8	Cap M8		8
9	Cup M8		8
10	Nut M8 DIN 934 (hexagonal)		8



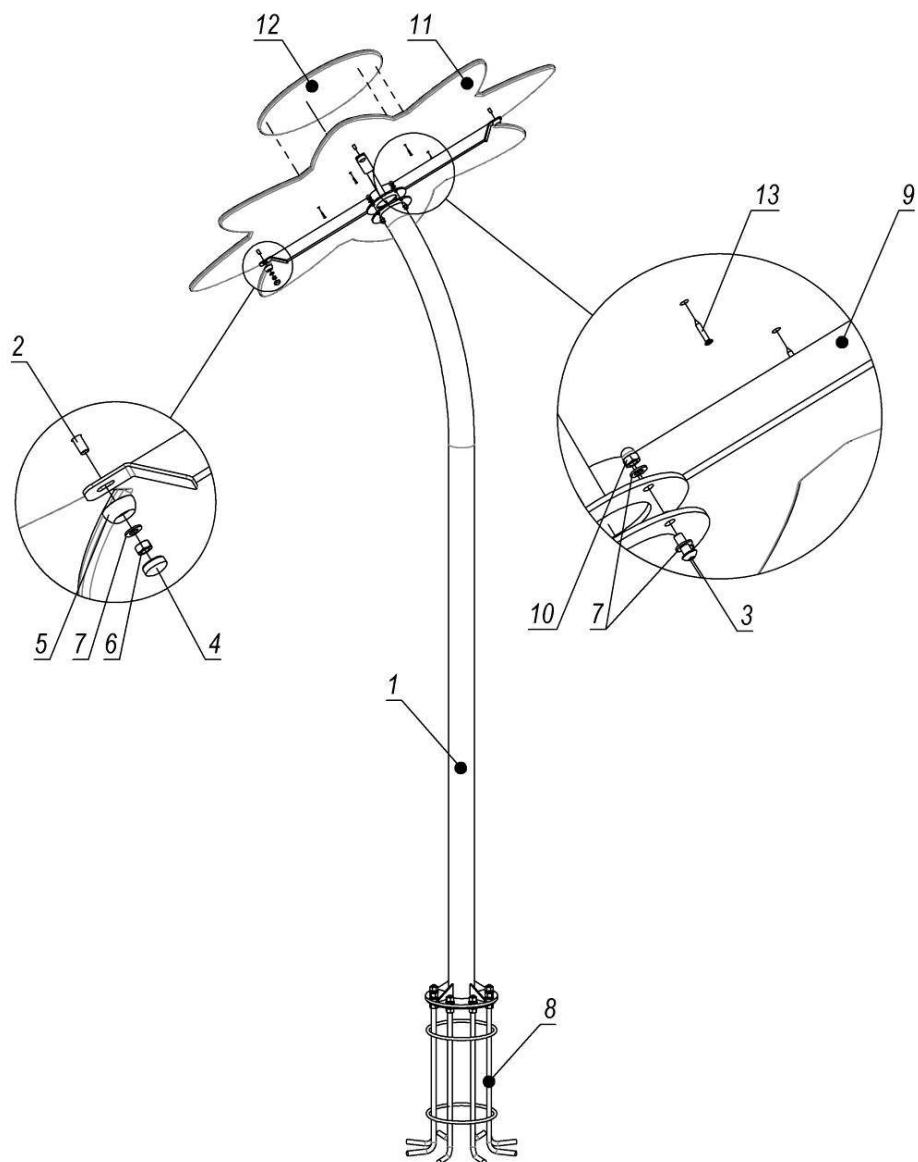
Pos.	Name	Weight, kg	Q-ty
1	Side assembly	11	4
2	Rack	2	4
3	Cover plate HDPE	2	4
4	Stud M8x30 DIN7991		16
5	Ericson nut M8x11.5x17x10 S		16
6	Washer 10 GOST11371		16
7	Washer 8 GOST11371		32
8	Cap M8		16
9	Cup M8		16
10	Nut M8 GOST5915		16
11	Stud M8x30 ISO7380		16



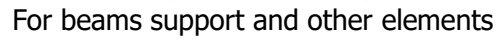
Assembly scheme LK314.1



Pos.	Name	Weight, kg	Q-ty
1	Support	2	3
2	Screw 6x70 GOST1145		6
3	Screw 4x25 GOST1145		6
4	Sunflower	17	1
5	Cap M8		9
6	Cup M8		9
7	Washer 10 GOST11371		9
8	Screw 8x70 GOST11473		3
9	Cover plate		1
10	Bar		1
11	Bar		2
12	Reinforcing element		1
13	Screw with a drill 6.3x45 DIN7504P		6



Pos.	Name	Weight, kg	Q-ty
1	Sunflower rack	28	1
2	Stud M8x30 ISO7380		4
3	Stud M8x20 ISO7380		4
4	Cap M8		4
5	Cup M8		4
6	Nut M8 GOST5915		4
7	Washer 8 GOST11371		12
8	Foundation (8 anchors assembly)		1
9	Support		1
10	Cap nut M8 DIN1587		4
11	Sunflower	17	1
12	Cover plate		1
13	Screw 4x25 GOST1145		6



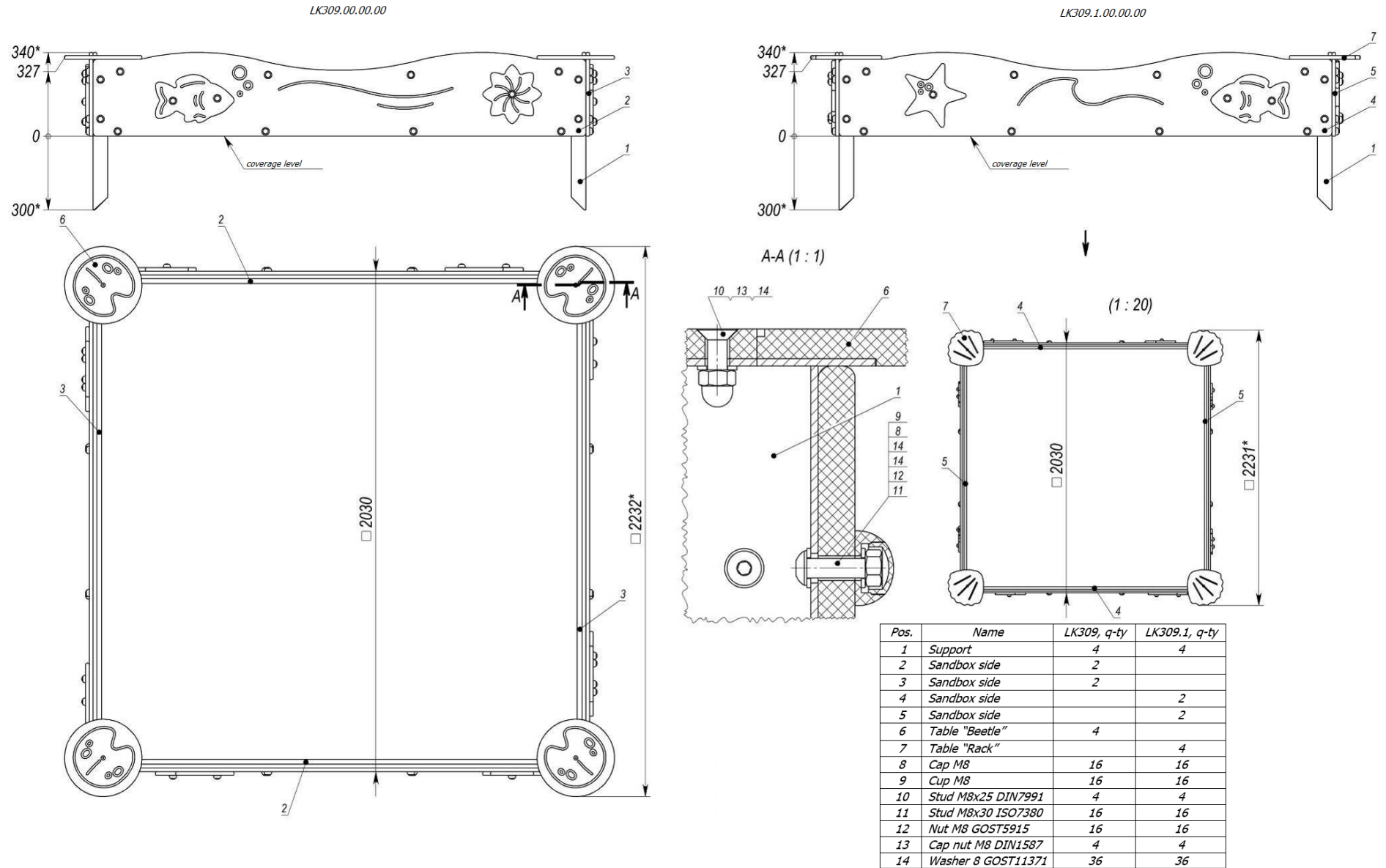
Д – product level plane;



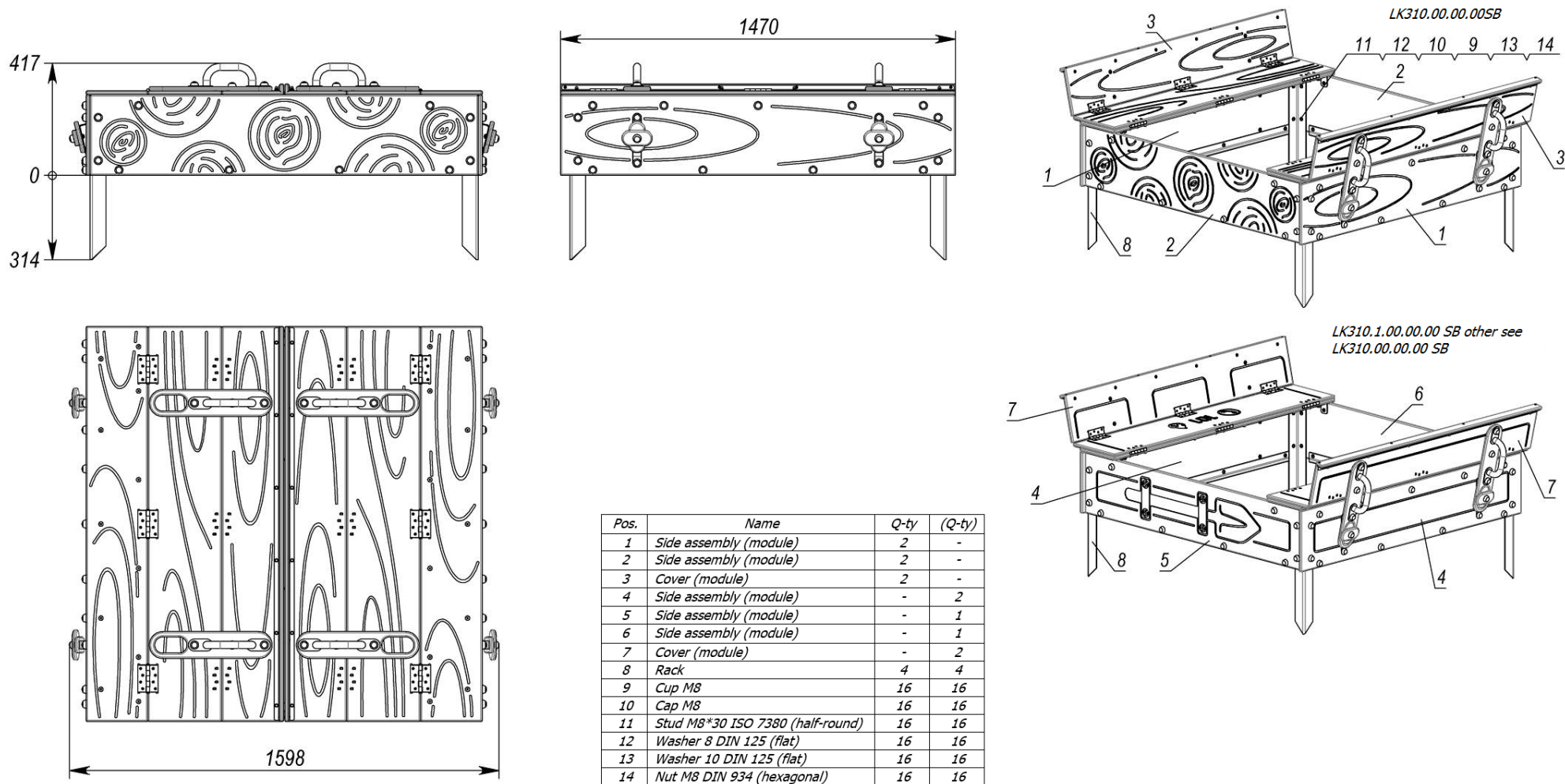
Material ¹	Description	Minimal depth, mm	Free fall height, mm
Turf			≤1000
Tree bark	grain size 20-80 mm	200	≤2000
		300	≤3000
Sawdust	grain size 5-30 mm	200	≤2000
		300	≤3000
Sand ²	grain size 0,2-2 mm	200	≤2000
		300	≤3000
Gravel ²	grain size 2-8 mm	200	≤2000
		300	≤3000
Other materials ³	Characteristics of the tested material		Critical free fall height obtained during testing

1. Materials specially prepared for playgrounds.
2. There should not be any clay inclusions.
3. The grain size is obtained by sieving through a sieve as in EN933-1.

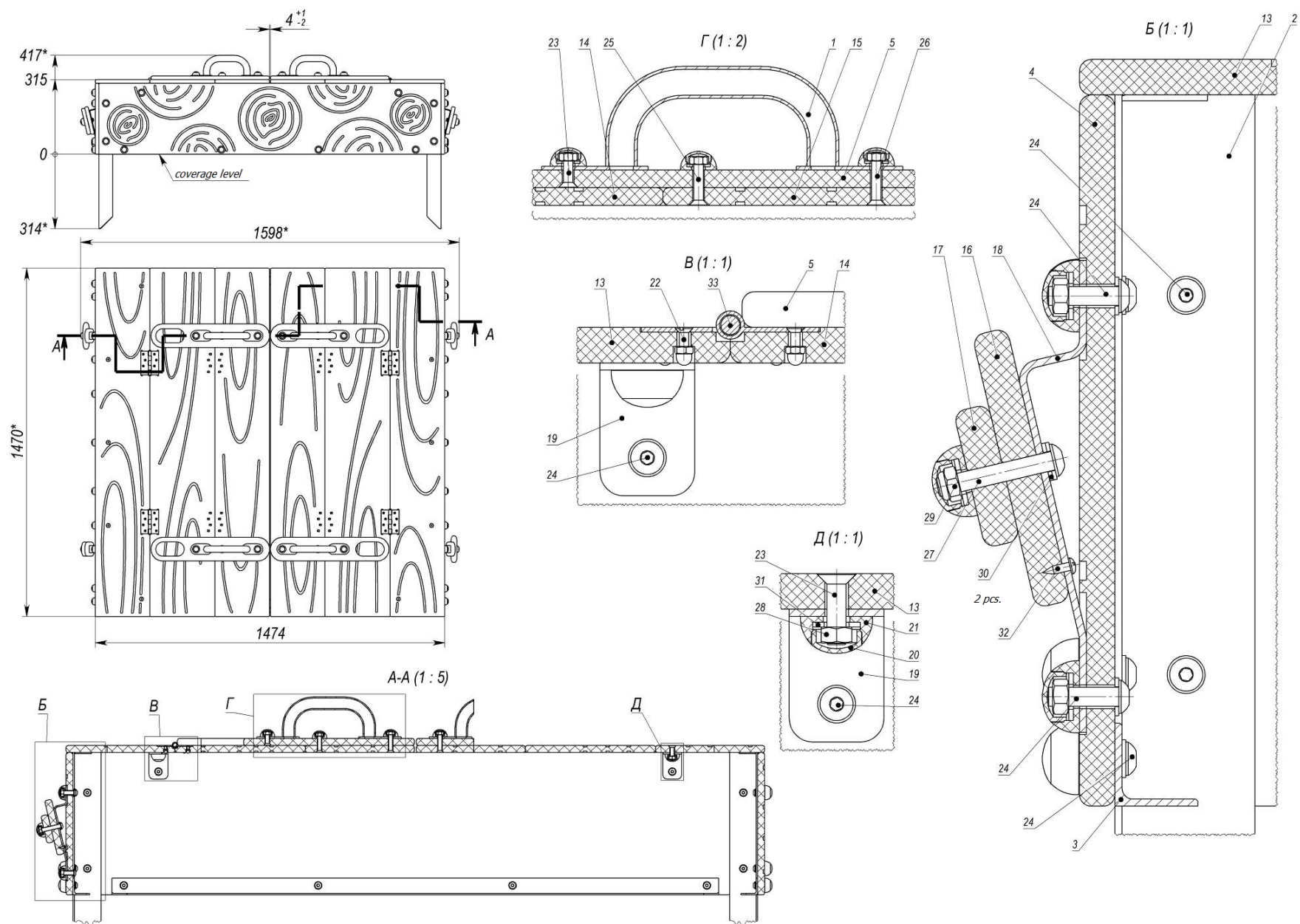
Appendix



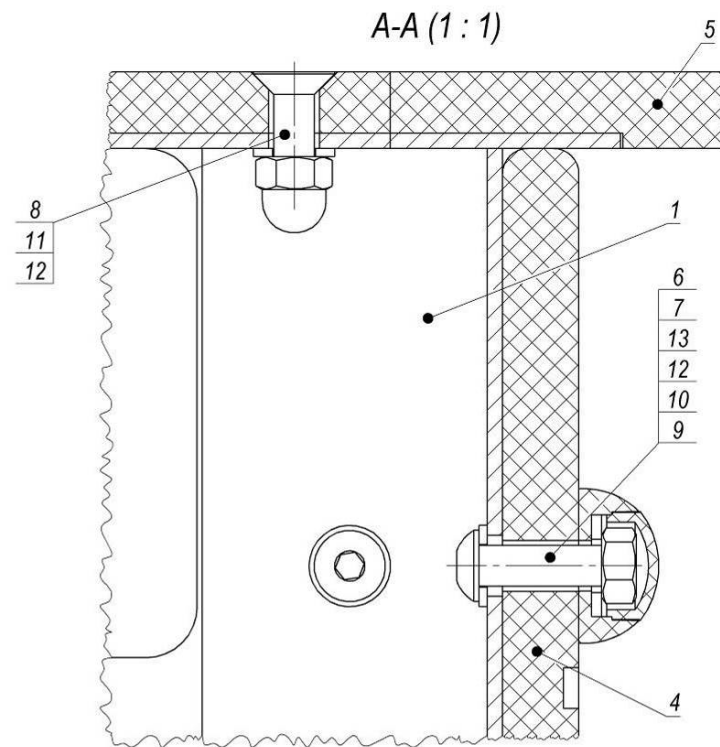
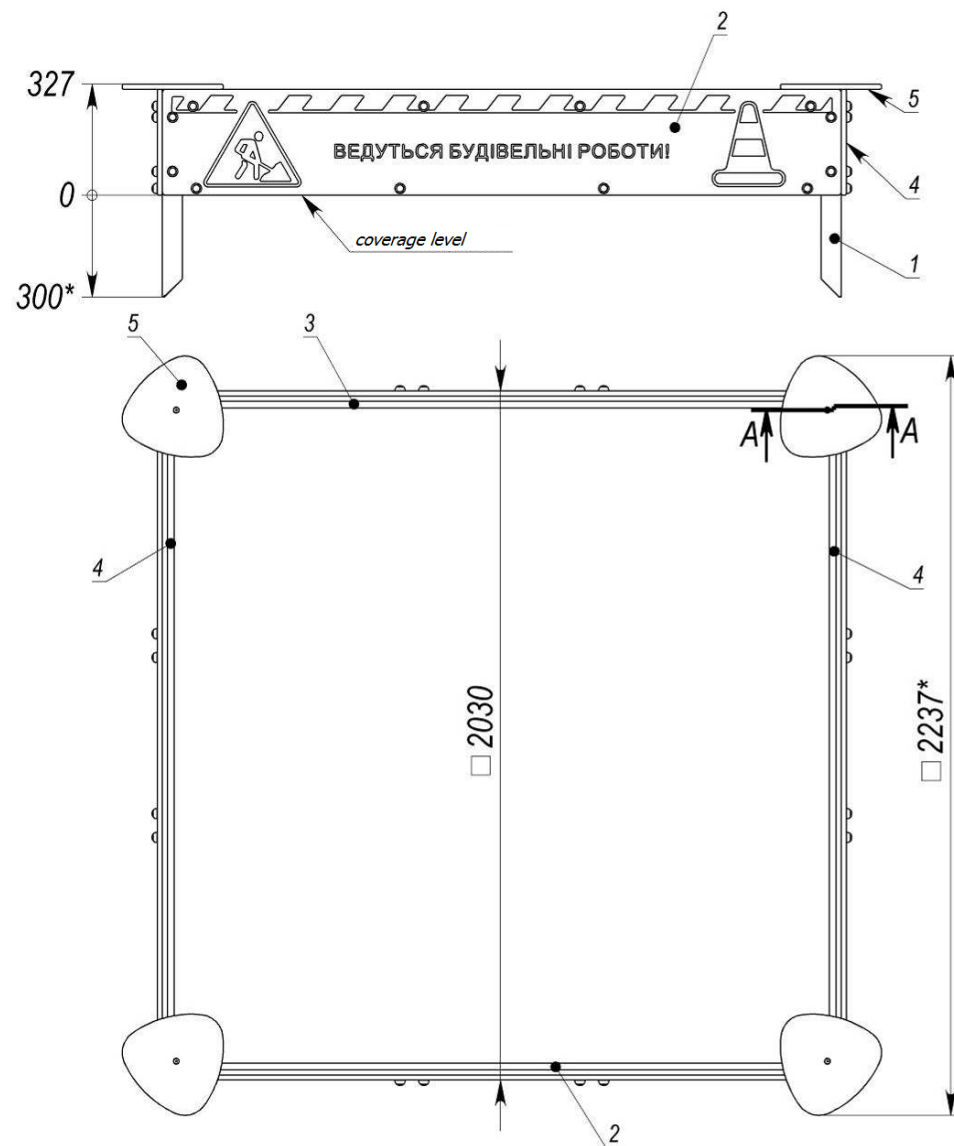
Picture 2 – LK309, LK309.1



Picture 3 – LK310, LK310.1 (view 1)

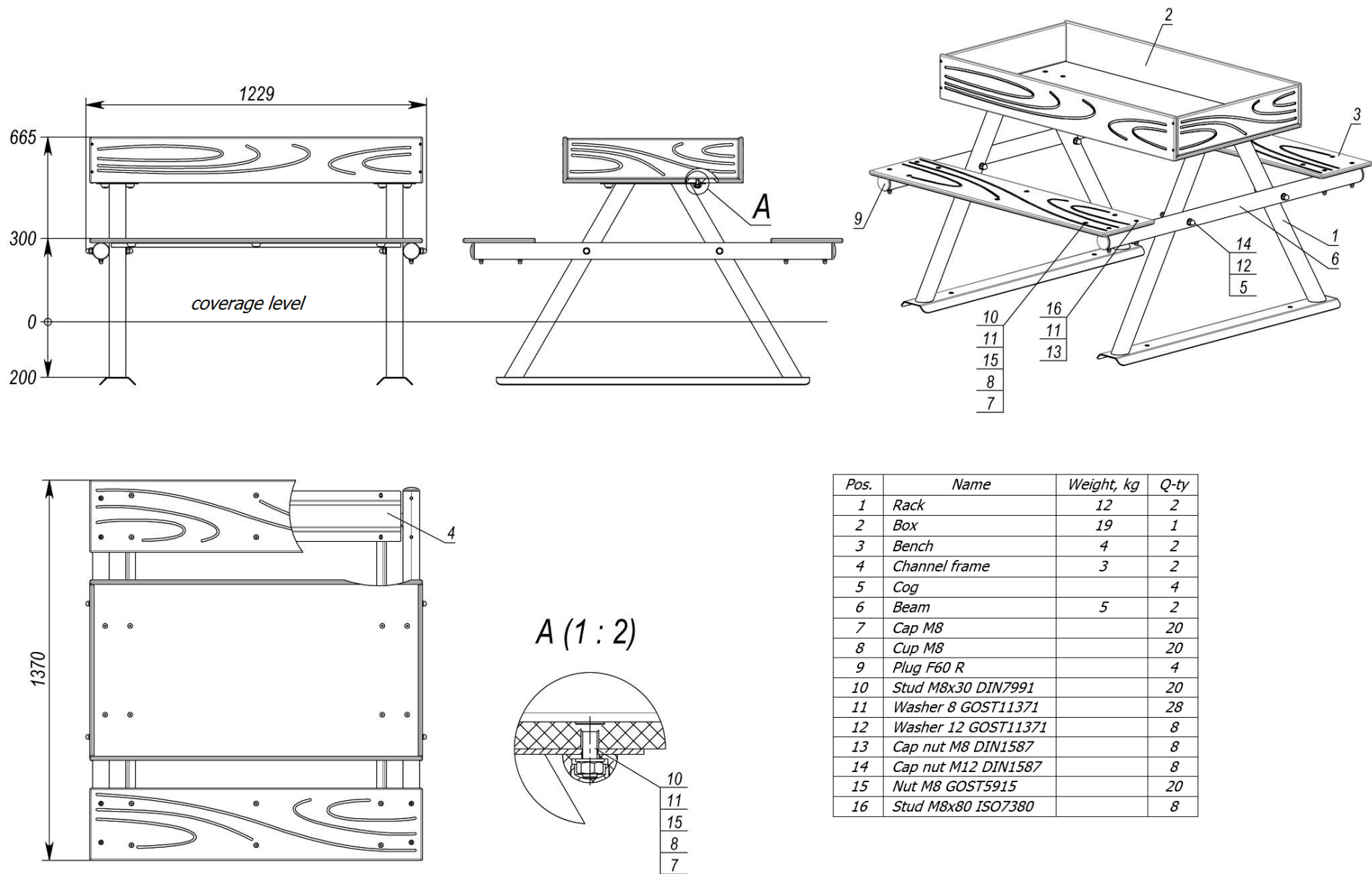


Picture 4 – LK310, LK310.1 (view 2)

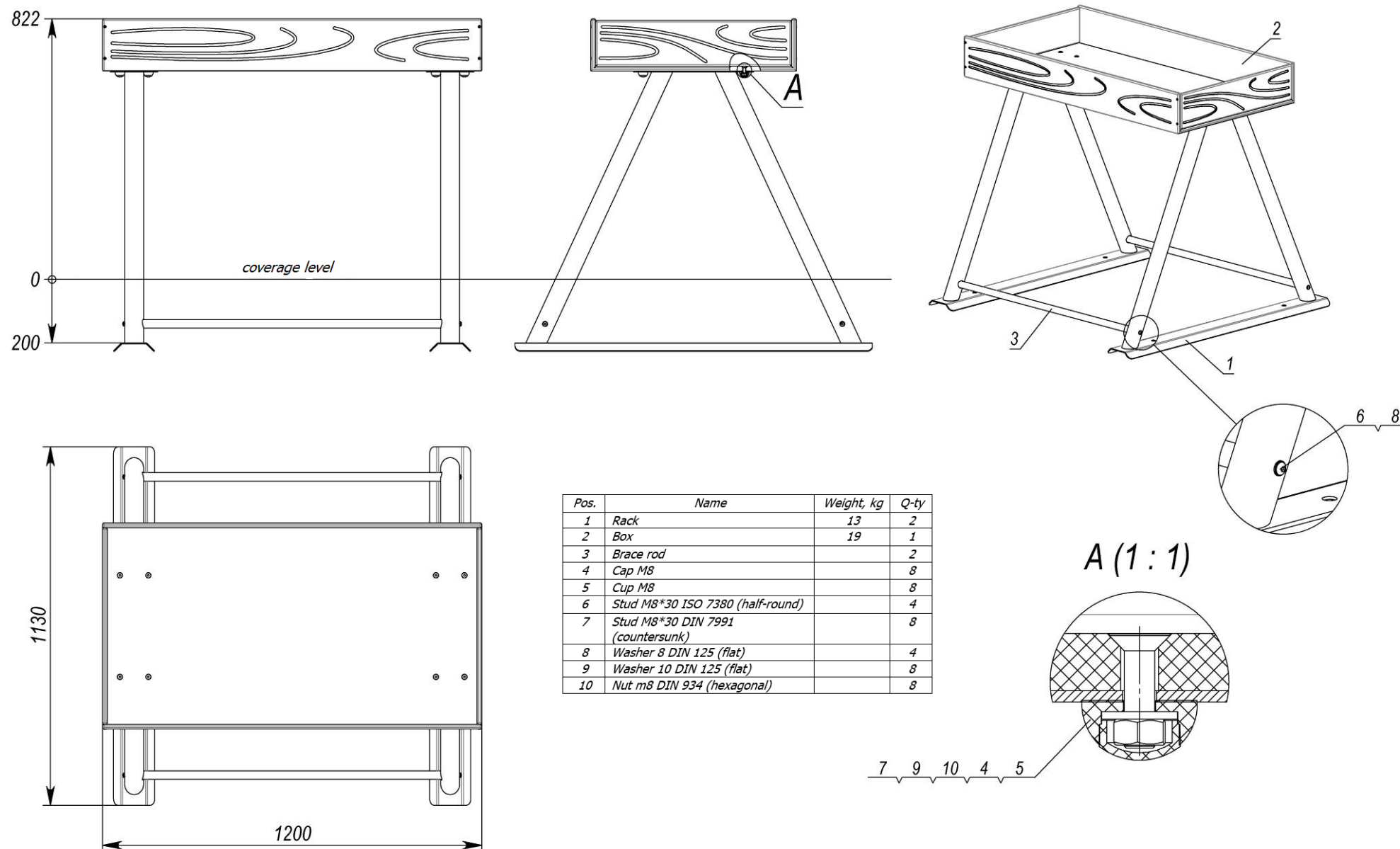


Pos.	Name	Weight, kg	Q-ty
1	Support	2	4
2	Sandbox side	15	1
3	Sandbox side	15	1
4	Sandbox side	15	2
5	Table		4
6	Cap M8		16
7	Cup M8		16
8	Stud M8x25 DIN7991		4
9	Stud M8x30 ISO7380		16
10	Nut M8 GOST5915		16
11	Cap nut M8 DIN1587		4
12	Washer 8 GOST11371		20
13	Washer 10 GOST11371		16

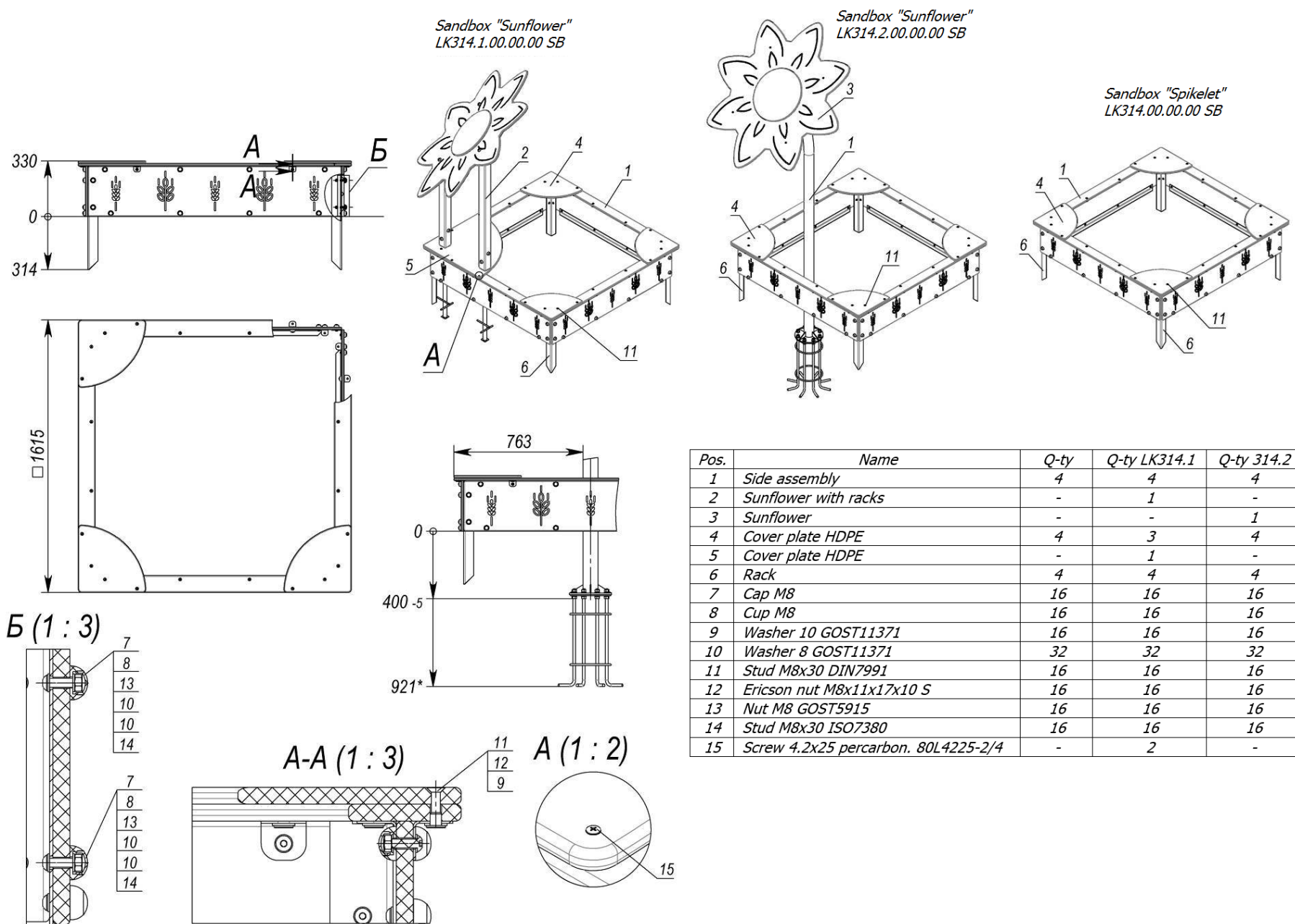
Picture 5 – LK311



Picture 6 – LK313



Picture 7 – LK313-I



Picture 8 – LK314, LK314.1, LK314.2