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PRODUCTION AND SALE OF SPORTS GOODS
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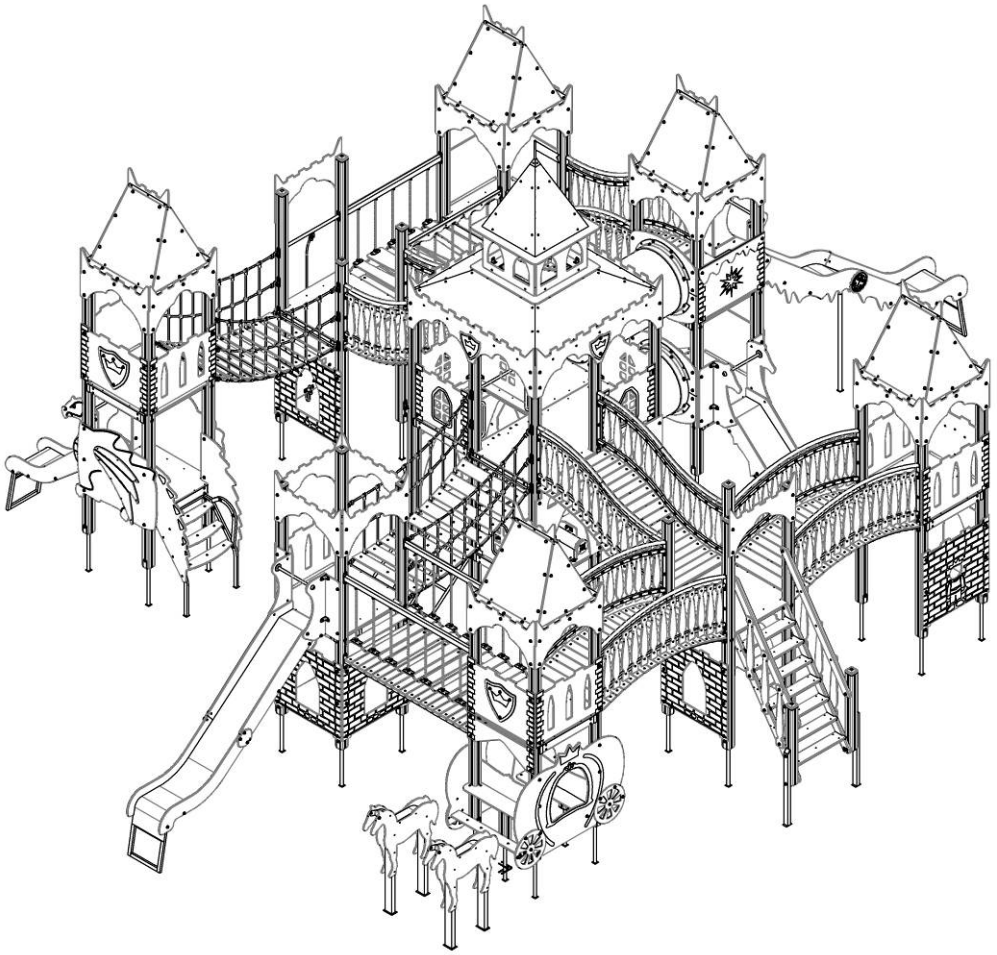
DATA SHEET

Playground complex "Fairytale" T923, T923.1



CONTENT

FOR NOTES

1. GENERAL INFORMATION

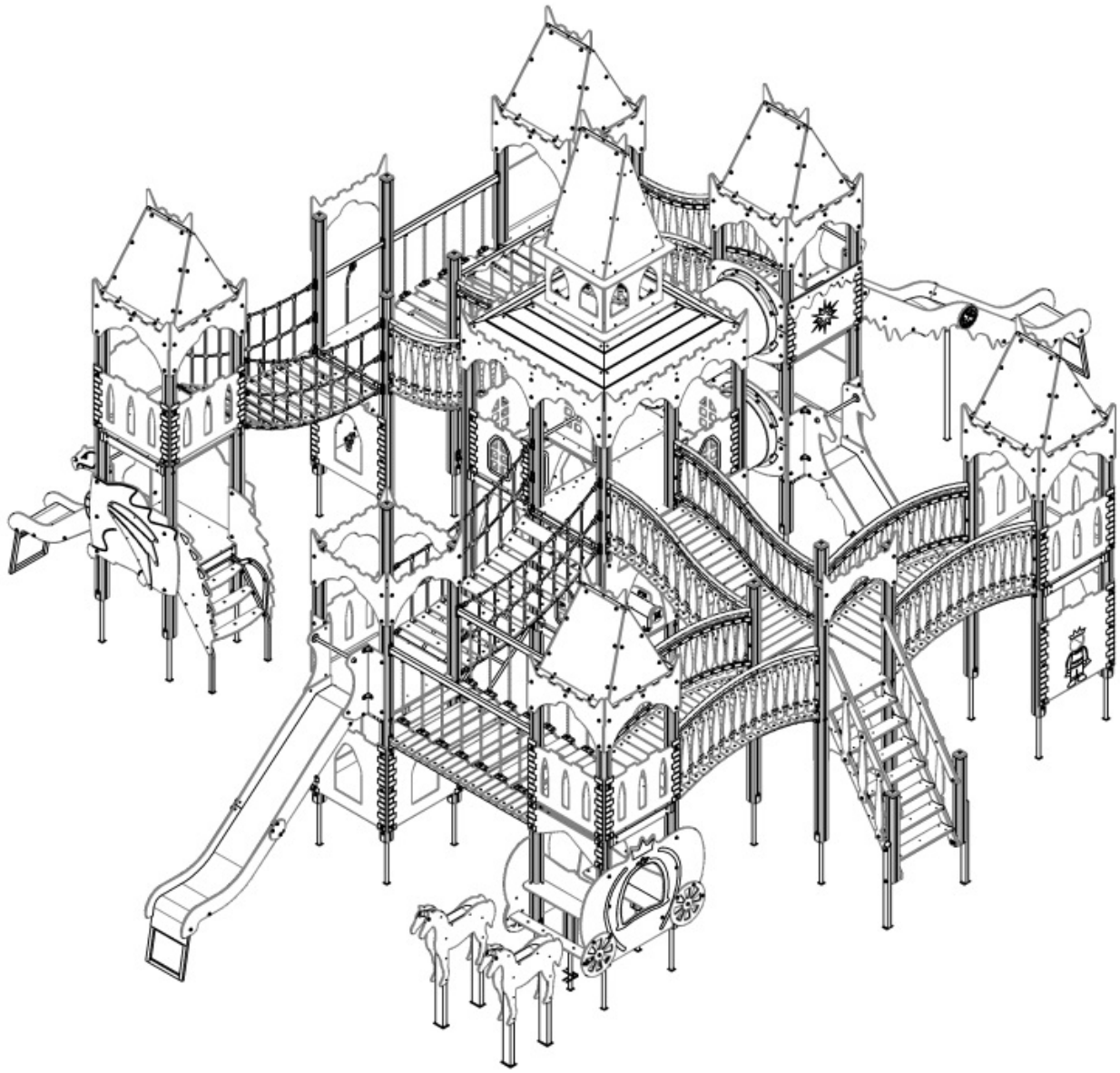
Purpose and content of this document. This document contains a general description of the equipment, information on installation, intended use, maintenance, current repair and manufacturer's warranty.

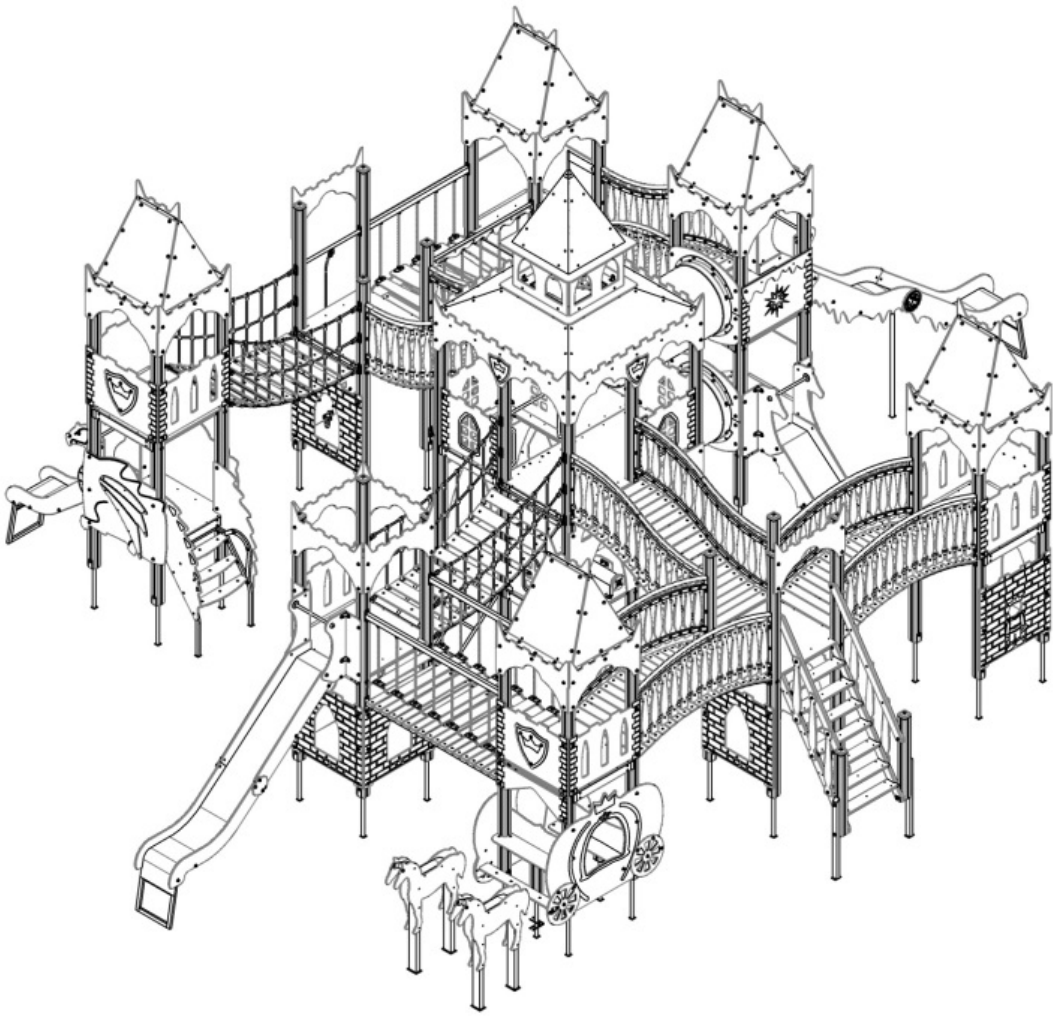
Distribution of this document for product modifications. The manufacturer can make changes to the design of the product, aimed at improving its characteristics, changing the design, etc. This document may not contain a description of such changes, but applies to such modified products.

2. MAIN TECHNICAL DATA AND CHARACTERISTICS

	T923	T923.1
Length, mm	**13028**	**13028**
Width, mm	**10059**	**10059**
Height, mm	**6000**	**5578**
Weight, kg	**3330**	**3322**
Free height of fall, mm	**2029**	**2029**
Age restrictions, years	**from 3 to 12**	**from 3 to 12**
Weight limits, kg	**Up to 60**	**Up to 60**

For T923





3. COMPLETENESS AND CHARACTERISTICS OF THE MAIN PARTS OF THE PRODUCT

In order to simplify the assembly and documentation, the manufacturer has reserved the right to divide this playground into three parts. Each part consists partly of modules and partly of assembly units.

A module is an assembly unit presented together with the fasteners necessary for installation in the playground.

An assembly unit is an assembled construction that is shipped in this form by the manufacturer. The fastening elements of the assembly unit are presented in the specifications for the parts of the game complex. The appendix below (pic. 1) shows an approximate dividing of this product.
The appearance of the complex, specifications, and the required geometric dimensions are also presented in the Appendix below.

4. PROCEDURE FOR ASSEMBLING AND INSTALLING THE PRODUCT

Tools and accessories. The product does not include the tools required for assembly and installation.

Product assembly and installation procedure.

Product assembly scheme is shown in pic.1-32.

1) Mark the area as indicated on the layout of the playground foundations (see pic.31).
2) Dig the holes for the racks installation, maintaining the geometric dimensions. Level the depth of the excavations by deepening them or adding gravel.
3) Assemble and install the towers: first assemble the beams with the supports, and then install the platforms into the grooves of the beams. Similarly, assemble all the towers for different heights. Assemble and install double tower in a similar way - with two platforms at different heights.
4) Connect the towers with each other by means of radial bridges with railings, straight bridges, wooden ladders.
5) Install roofs according to the general view of the complex (pic.2).

6) Install slides and other play elements to the towers.
7) The main components of the game complex, the necessary geometric dimensions for the assembly process of the complex, general views are shown in the pictures 1-10.
8) Install the product according to the level marks on it in accordance with the concreting scheme (pic.30). During installation of the product on sandy soil, the overall dimensions of the foundation should be increased by 15-20%.

5. PRODUCT INSTALLATION SCHEME

Safety zone of the installed product must comply with pic.42 .

6. PRODUCT USE

Do not use the product until it has been fully and completely installed.

The product should not be used by users of a different age category.

Do not use the product by users of a different weight category.

Before using the product, clear the safety area from unnecessary objects that may cause harm to the user (debris, tools left after assembly and installation, etc.).

Do not use the product in adverse weather conditions (ice, snow, rain, hail, strong winds, etc.), which may cause injury to the user.

7. PRODUCT MAINTENANCE

You have purchased high-quality and reliable equipment. In the process of its production, the requirements of regulatory and technical documents of Ukraine, the CIS countries and the European Union regulating the production of children's gaming equipment were taken into account. However, it should not be forgotten that when operating any technical product, certain rules and requirements must be followed. Despite the fact that our product is of high quality and reliability, this rule applies to it in full. You should be aware that the implementation of the following rules and recommendations for product maintenance is aimed at ensuring that your child, the child of your friends or acquaintances is safe and no unforeseen factors threaten his health, life.

Remember that the operation of the product is accompanied by the influence of various negative factors on it, a complete list of which cannot be predicted. Among them, an important place is occupied by natural factors and factors caused by human influence on equipment. As a rule, their action initially leads to disruptions in the appearance of the product. Thus, under the influence of factors caused by the exploitation of a person, there may be damage to the integrity of the paint coating of parts made of wood, in the form of scuffs, chips, incisions, and when exposed to parts made of metal, damage to the paint coating in the form of nicks, chips, abrasion, etc. This leads to the emergence and development of defects that can be the cause of the destruction of the product. The product is particularly dangerous if it is used for other than its intended purpose, if the permissible loads are exceeded, or if vandalism occurs, as these factors can cause irreversible changes in the structure of the material from which the product is made, leading to destruction.

The maintenance of the product implies, first of all, the responsibility of the user to comply with all recommendations provided in this document, starting with a daily inspection of the external condition of the product before operation.

Daily inspection of the product is a very important procedure. With its help, you can timely detect any changes in the appearance of the product (deformation of individual parts, deformation of the structure as a whole or part of it, damage to parts, cracks of welds, as well as the absence of fastening of parts of the product, etc.).

Before using the product, check its operability, absence of damage, dirt on the product, sharp edges, reliability of fixing the structure, absence of unnecessary objects on the surface of the site. If the product is damaged, fully or partially inoperable, or has any other defects, do not use it.

During operation it is also necessary to inspect the condition of the product periodically - the current inspection. It includes an external inspection of the product, checking its operability (in the presence of moving elements - the smoothness of the movement of mechanisms, compliance with operating modes, etc.). Current inspection allows you to detect malfunctions caused by the operation of equipment, climatic conditions, acts of vandalism and other factors, until they reach a critical level and the destruction of the product. The current inspection is carried out in order to detect foreign objects that may threaten the user and lead to violations of the functioning of the product. The frequency of the current inspection is set by the owner taking into account the operating conditions. If you do not have sufficient technical knowledge and skills to conduct such inspections, we recommend you to contact the authorized specialists of the manufacturer in order to obtain advice.

Every three months, a scheduled inspection should be carried out, which primarily concerns the foundation part, load-bearing elements and connection nodes of elements (their integrity and degree of deterioration).

The main annual inspection must be carried out annually by authorised specialists of the manufacturer. During the inspection, the technical condition of the equipment shall be assessed for compliance with safety requirements. The degree of deterioration and damage to wooden elements and their ability to withstand the applied loads, damage, corrosion of metal elements and the impact of these factors on the safety of the product are determined. The inspection also helps to identify the impact of repairs, if any, on the safety of the equipment.

Based on the results of the inspection, a maintenance procedure is carried out to eliminate the identified discrepancies in the product's operation. This procedure includes assessing the condition of parts and assemblies, replacing worn parts, and restoring the integrity of protective coatings. The results of the inspections, as well as the procedures carried out as a result of the inspection and maintenance of the product must be properly documented in

the Registration Journal, which is an integral part of this passport. The owner of the product must keep the acts of maintenance of the product, acts of repair work.

8. INFORMATION ON STORAGE, TRANSPORT 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	Signa-ture
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.

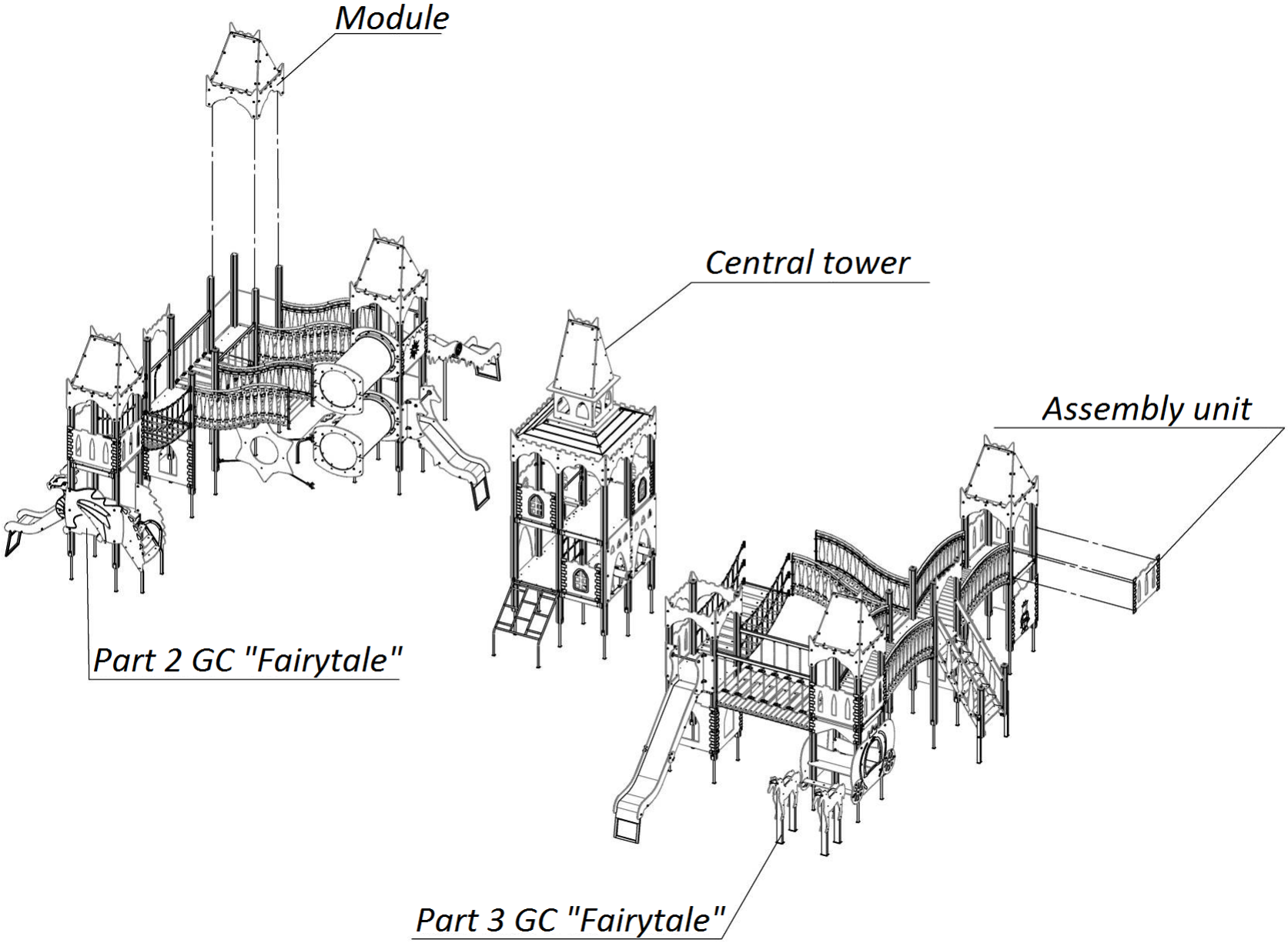
Storage information

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

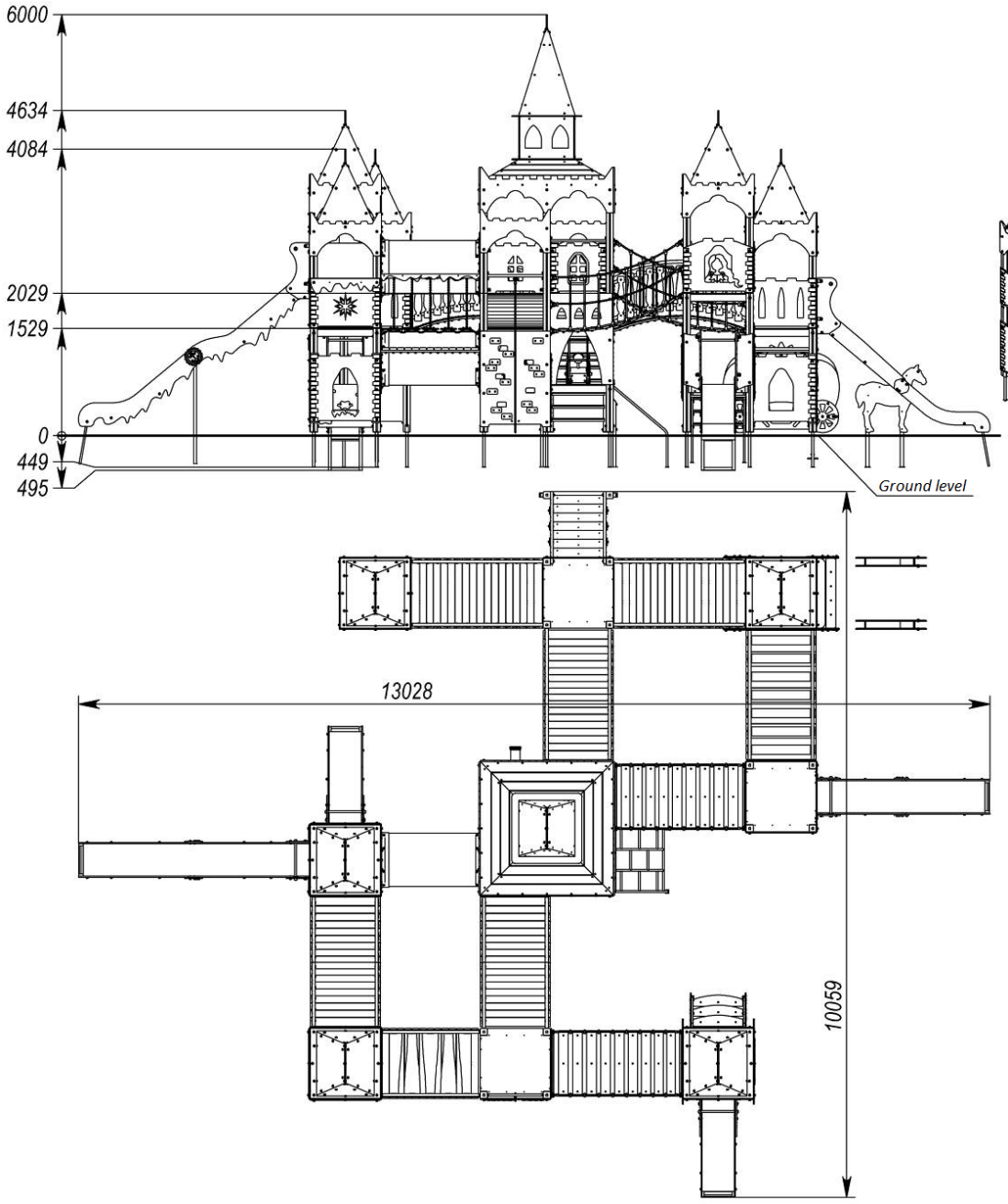
After the end of the equipment's service life, the buyer independently determines the procedure for its use. If you decide to recycle, contact the seller or specialized organizations.

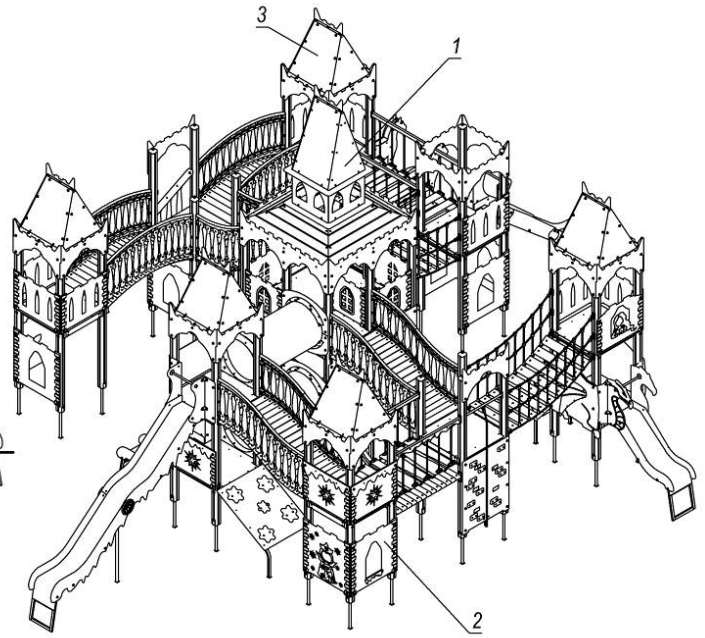
The equipment does not contain harmful impurities and materials that can harm your health and is not subject to special recycling.

Appendix 1 for T923



Picture 1 – Dividing of the game complex into parts

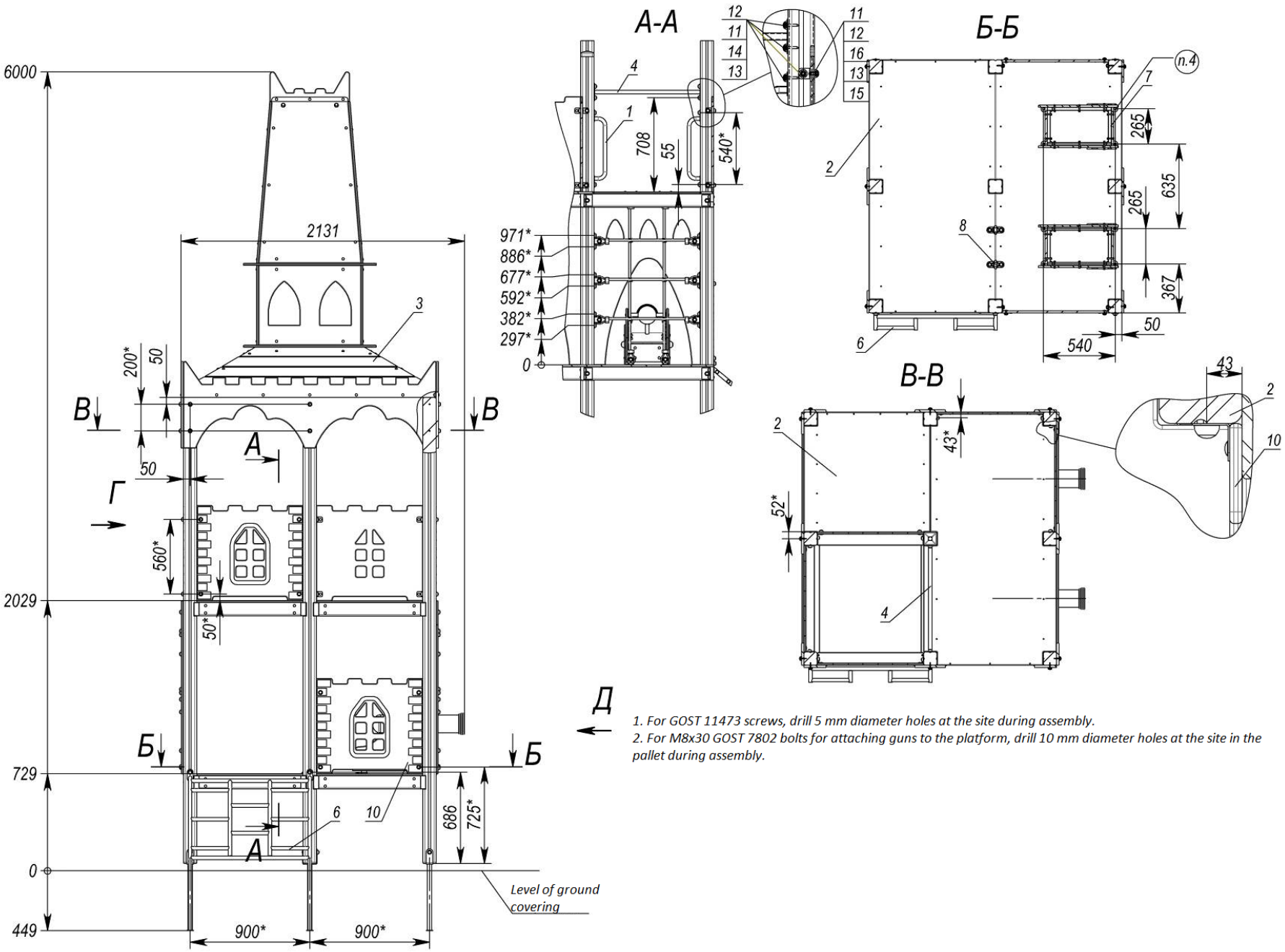




Pos.	Name	Weight, kg	Q-ty
1	Central tower (T923)	632	1
2	Part 2 GC "Fairytale"	1398	1
3	Part 3 GC "Fairytale"	1300	1

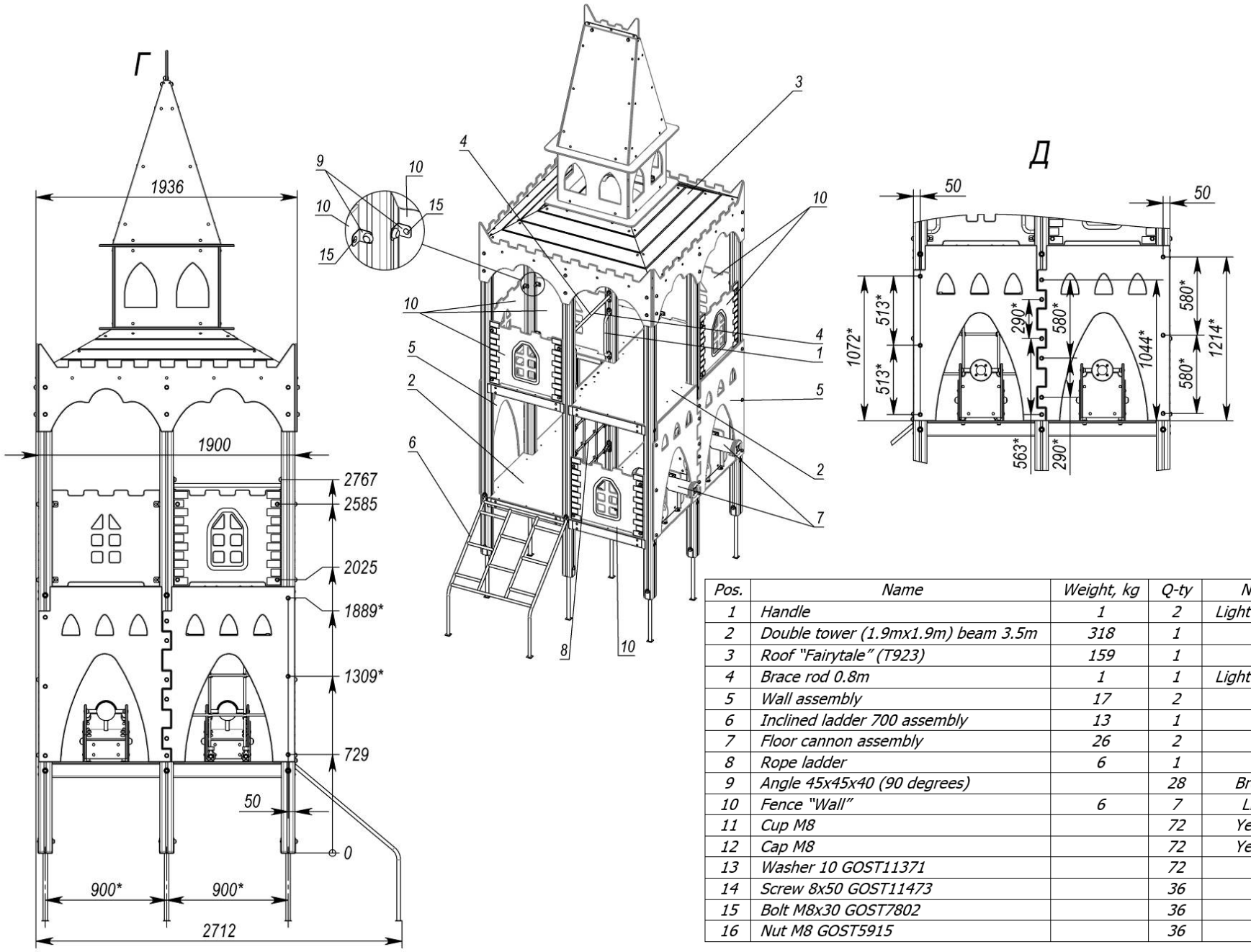
Picture 2 - Overall dimensions of the complex T923

Central tower T923



1. For GOST 11473 screws, drill 5 mm diameter holes at the site during assembly.
2. For M8x30 GOST 7802 bolts for attaching guns to the platform, drill 10 mm diameter holes at the site in the pallet during assembly.

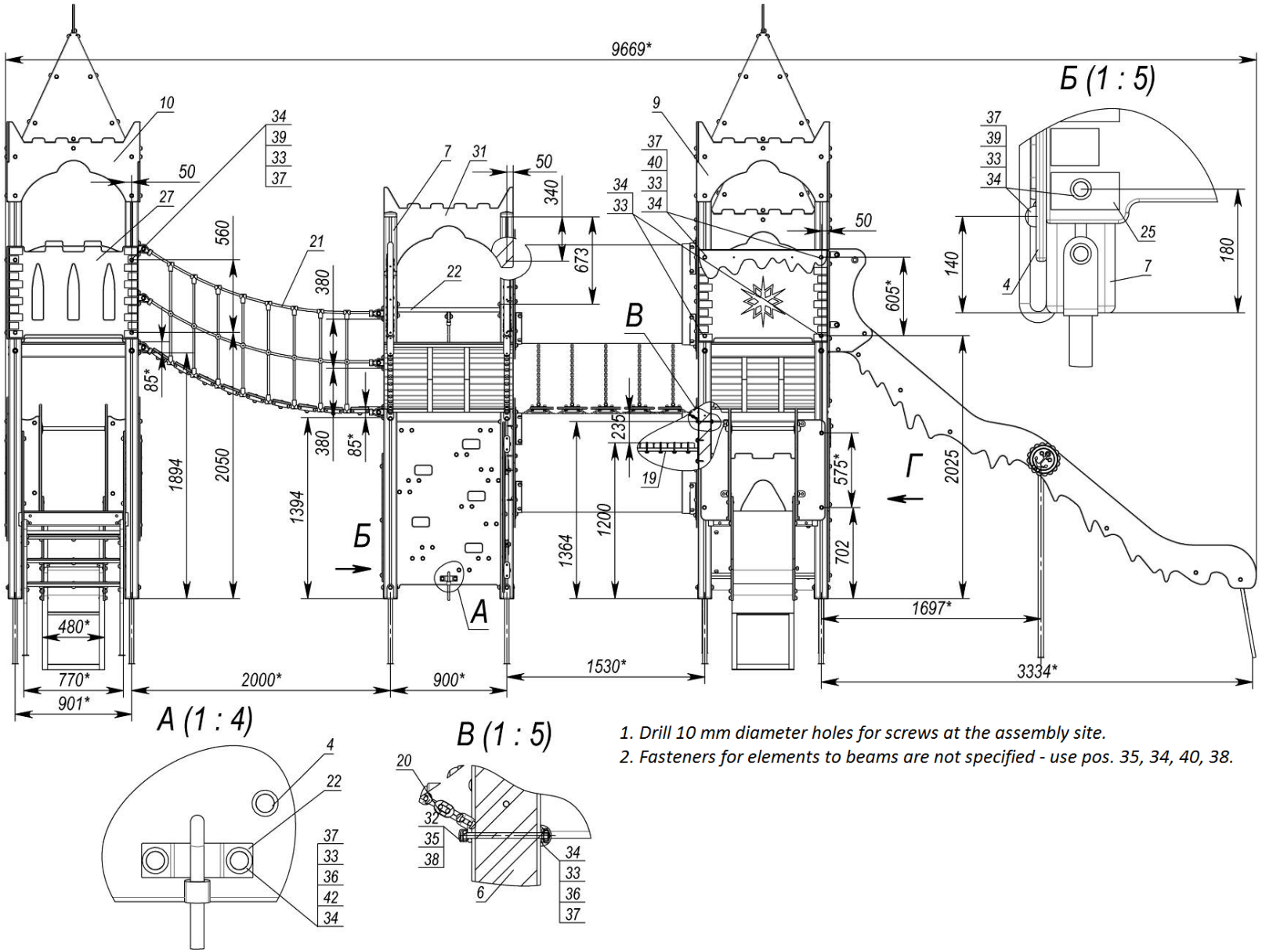
Picture 3



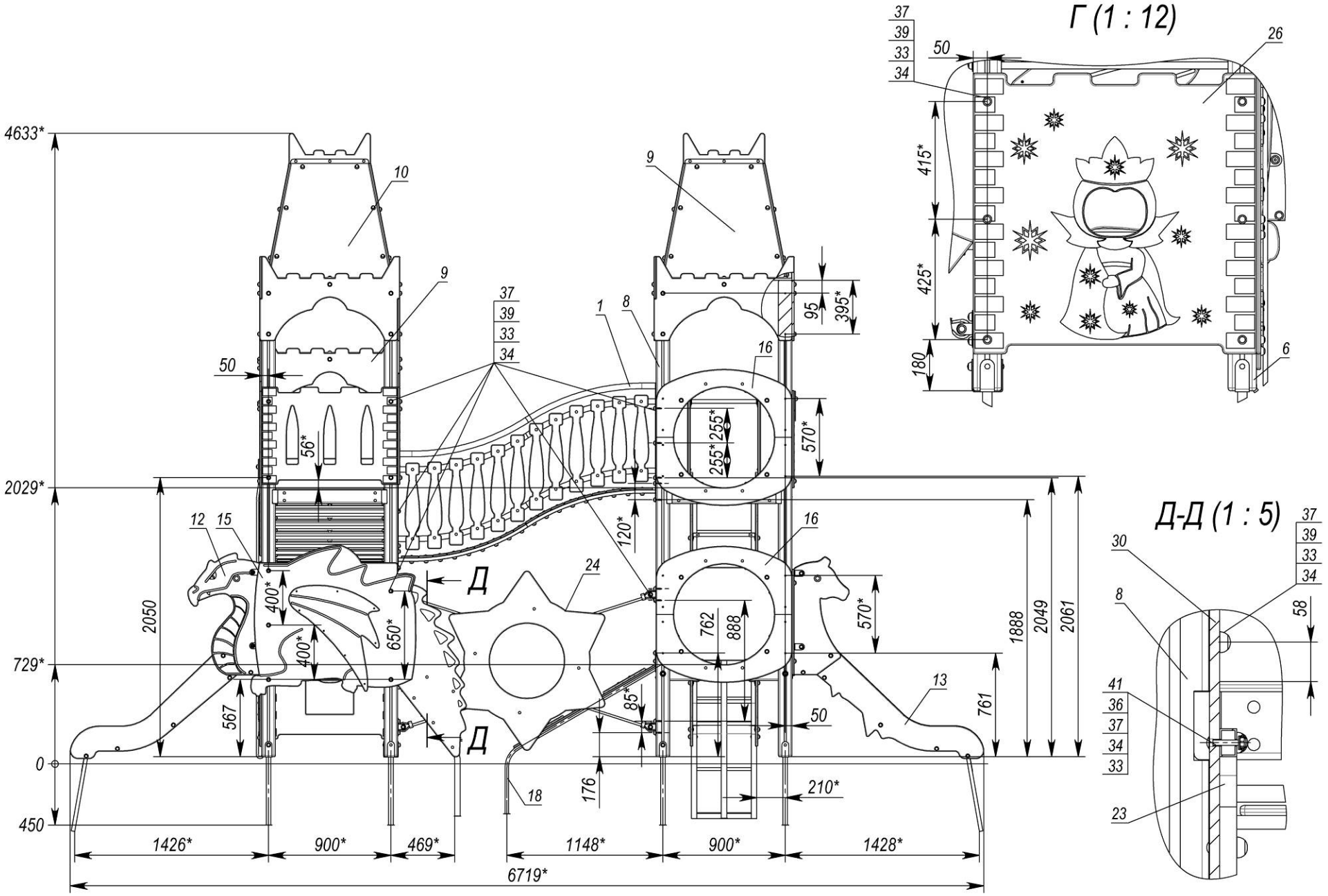
Pos.	Name	Weight, kg	Q-ty	Note
1	Handle	1	2	Light yellow
2	Double tower (1.9mx1.9m) beam 3.5m	318	1	
3	Roof "Fairytale" (T923)	159	1	
4	Brace rod 0.8m	1	1	Light yellow
5	Wall assembly	17	2	
6	Inclined ladder 700 assembly	13	1	
7	Floor cannon assembly	26	2	
8	Rope ladder	6	1	
9	Angle 45x45x40 (90 degrees)		28	Brown
10	Fence "Wall"	6	7	Lilac
11	Cup M8		72	Yellow
12	Cap M8		72	Yellow
13	Washer 10 GOST11371		72	
14	Screw 8x50 GOST11473		36	
15	Bolt M8x30 GOST7802		36	
16	Nut M8 GOST5915		36	

Picture 4 for T923

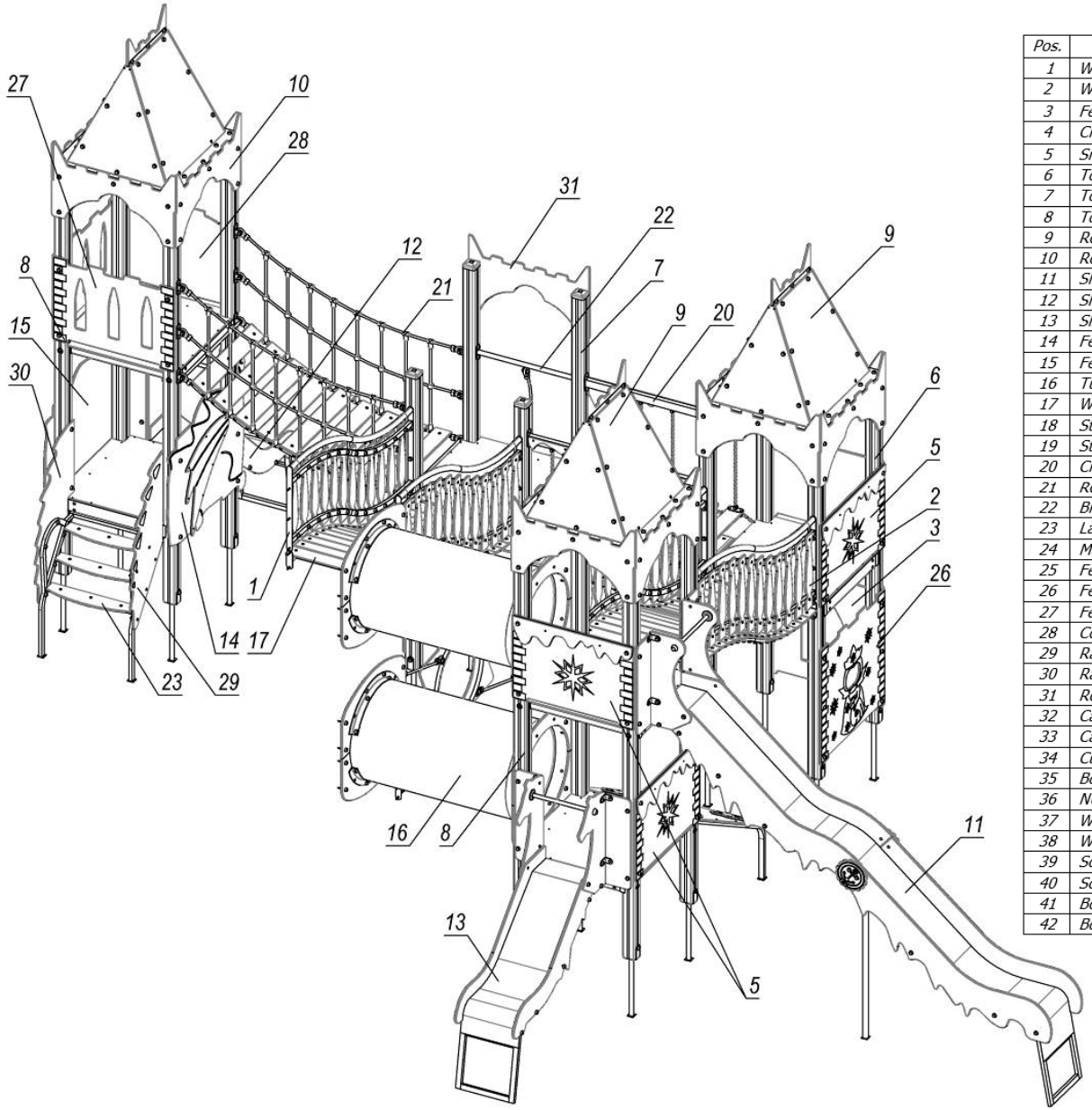
Part 2 GC T923 «Fairytale»



Picture 5



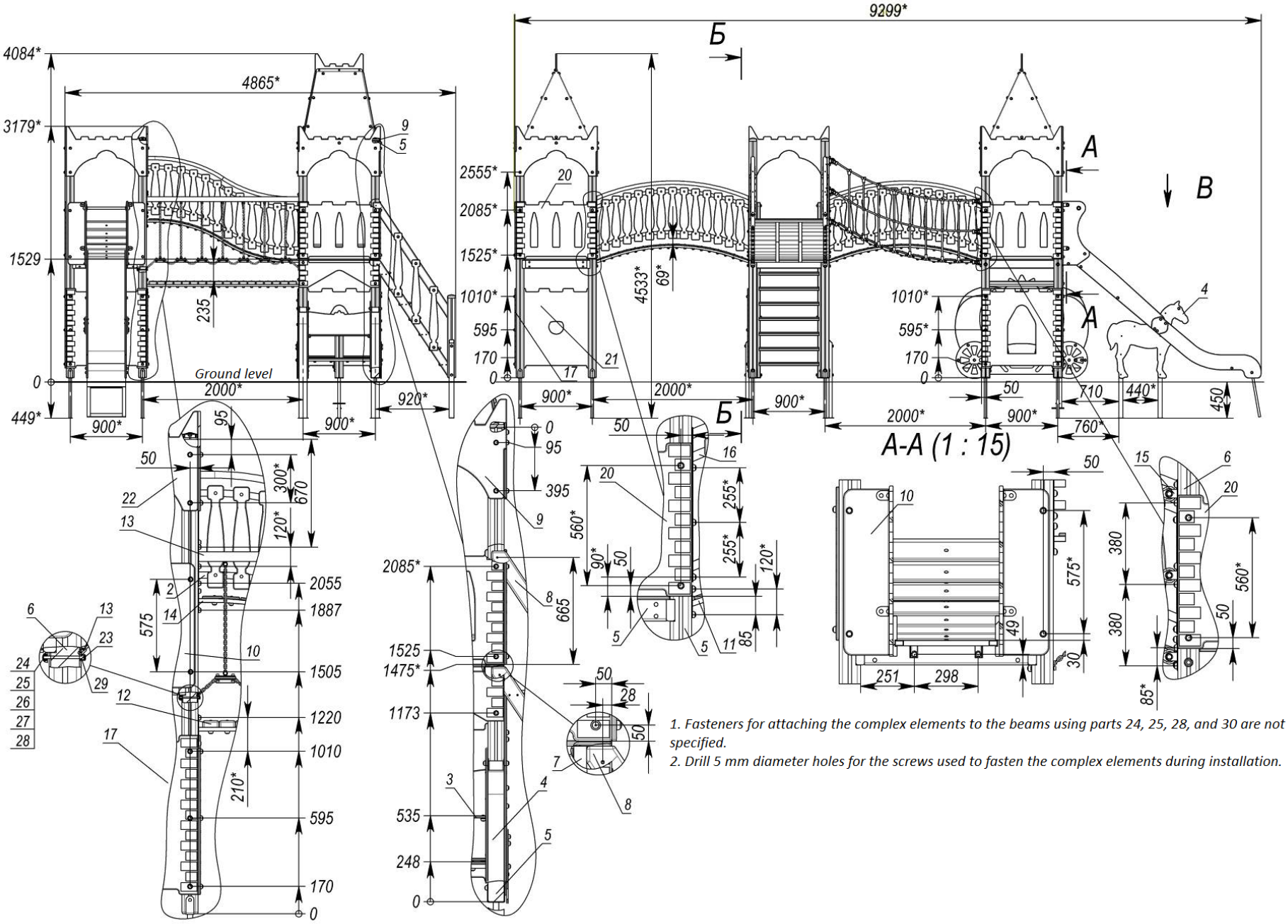
Picture 6 for T923



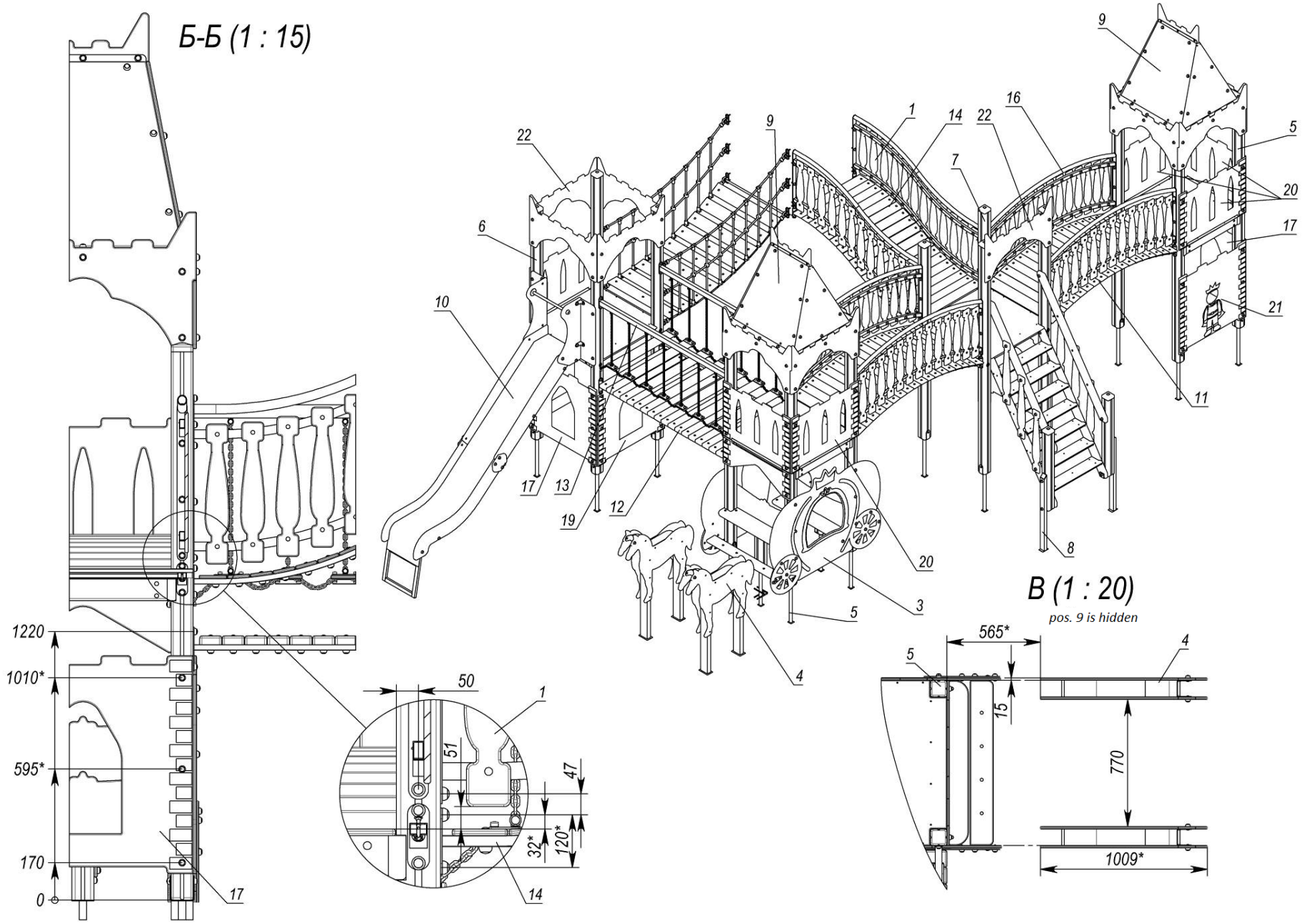
Pos.	Name	Weight, kg	Q-ty	Note
1	Wavy railings left	26	2	
2	Wavy railings right	26	2	
3	Fence "Entrance" assembly	9	1	
4	Climber's board assembly	17	1	
5	Snowflake fence assembly	9	4	
6	Tower 1.5m 1x1	93	1	
7	Tower 1.5m (2sec. of beam)	89	1	
8	Tower 0.7-2m (beam 3.5m)	107	2	
9	Roof "Fairytale"	48	2	Blue
10	Roof "Fairytale"	48	1	Lilac
11	Slide 2m "Fairytale" assembly	91	1	
12	Slide 0.7m "Dragon" assembly		1	
13	Slide 0.7m "Fairytale" assembly		1	
14	Fence "Dragon" right	14	1	
15	Fence "Dragon" left	14	1	
16	Tunnel crossing (Ukrhimplast)	56	2	
17	Wavy bridge (plywood TPS)	40	2	
18	Straight ascent 0.7m "Snowflake"	28	1	
19	Straight bridge (1.43m)	44	1	
20	Chain bridge (plywood TPS)	40	1	
21	Rope bridge	87	1	
22	Brace rod with rope	4	1	
23	Ladder 0.7m "Fairytale"	18	1	
24	Manhole "Star"	14	1	
25	Fence "Entrance"	9	1	Pink
26	Fence "Princess"	10	1	Blue
27	Fence "Wall" small	7	2	Pink
28	Cover plate "Rapunzel"	8	1	Pink
29	Railings "Tail" right	5	1	Green
30	Railings "Tail" left	5	1	Green
31	Roof rim	4	1	White
32	Cap S13		4	
33	Cap M8		186	Yellow
34	Cup M8		186	Yellow
35	Bolt M8x120 DIN931		4	
36	NUT M8 GOST5915		16	
37	Washer 10 GOST11371		186	
38	Washer 8 GOST11371		4	
39	Screw 8x50 GOST11473		154	
40	Screw 8x70 GOST11473		16	
41	Bolt M8x50 GOST7802		10	
42	Bolt M8x30 GOST7802		2	

Picture 7

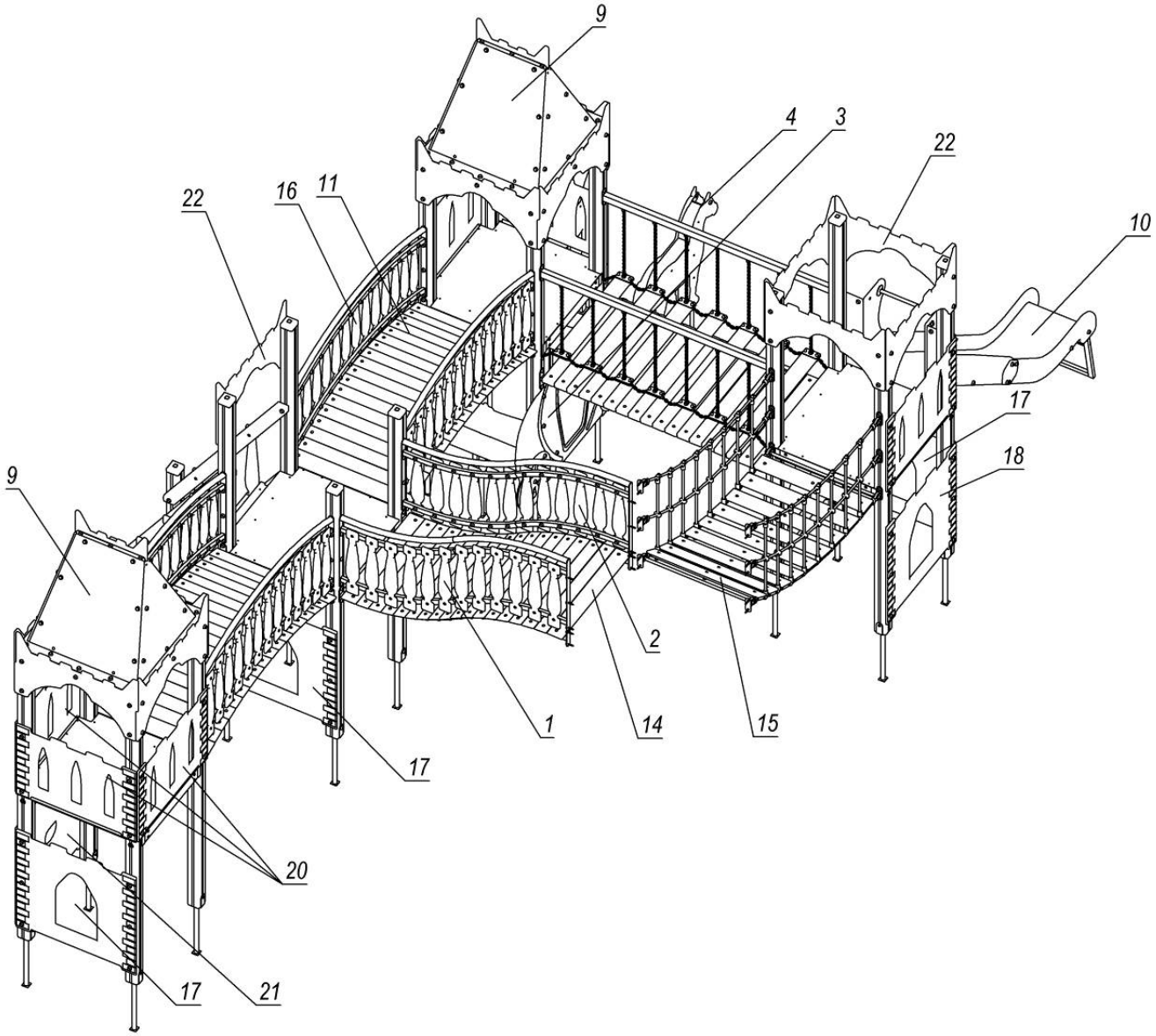
Part 3 GC T923 «Fairytale»



Picture 8



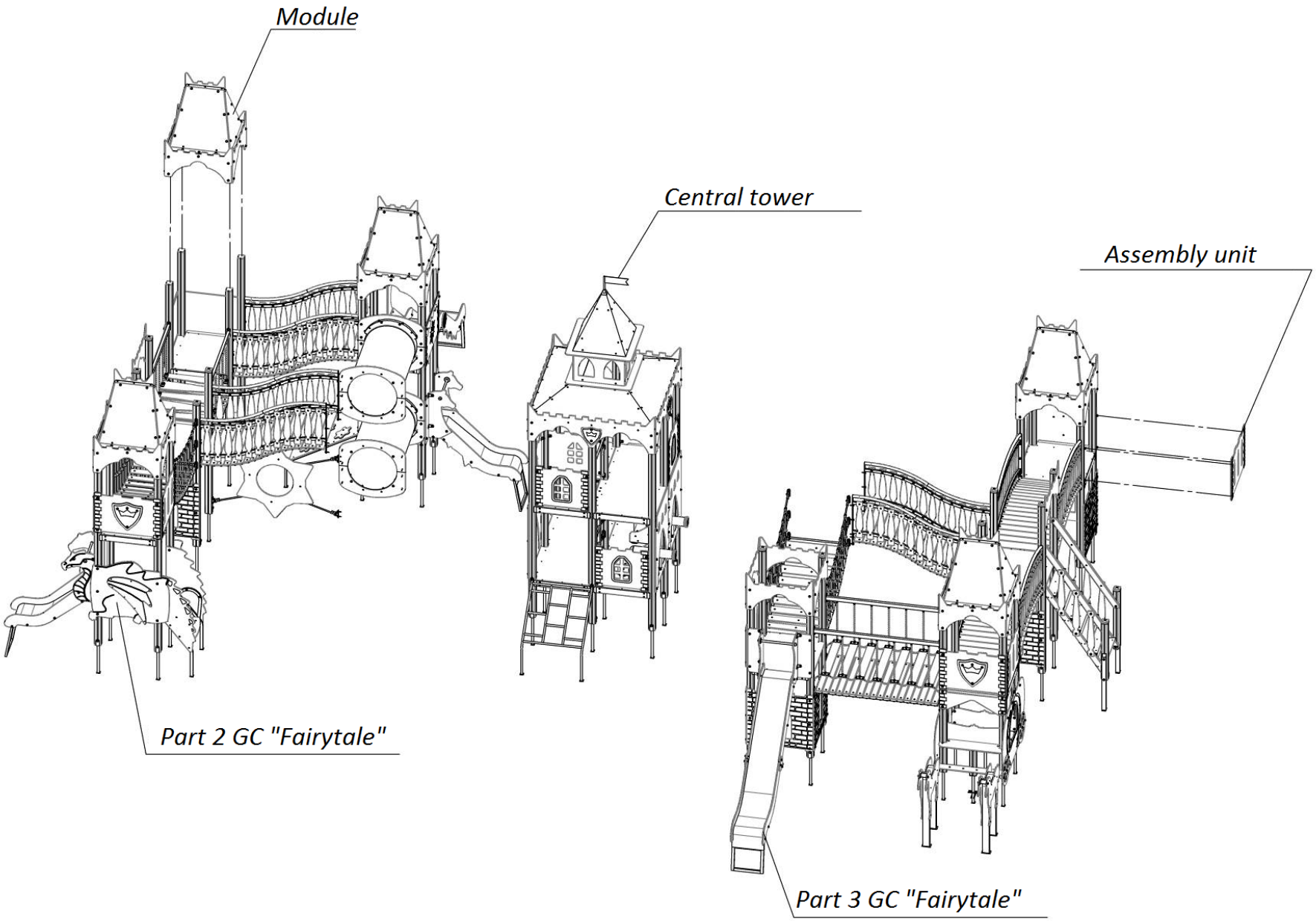
Picture 9 for T923



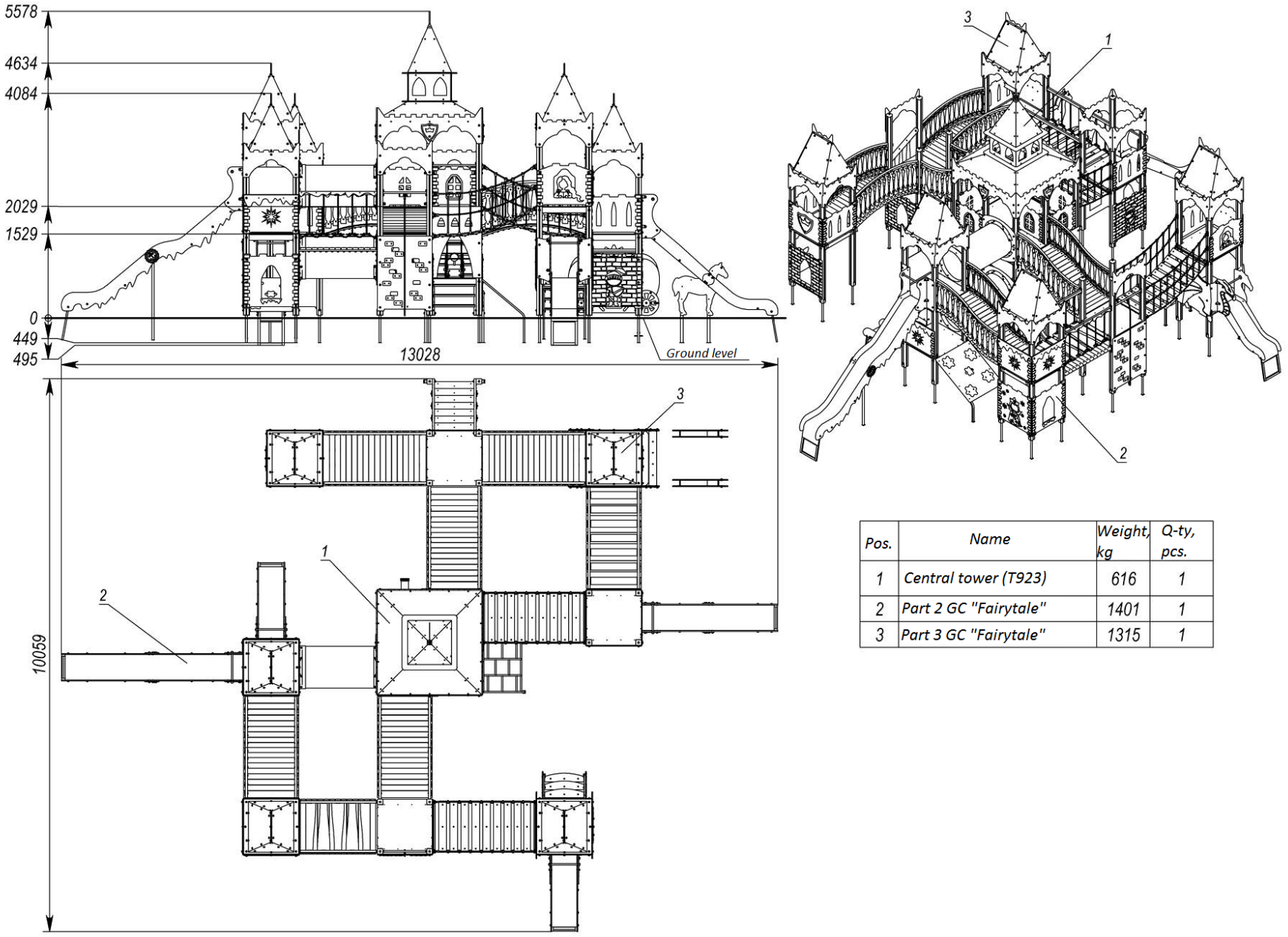
Pos.	Name	Weight, kg	Q-ty	Note
1	Wavy railings left	26	1	
2	Wavy railings right	26	1	
3	Carriage assembly	65	1	
4	Horse	27	2	
5	Tower 1.5m 1x1	93	2	
6	Tower 1.5m 1x1	93	1	
7	Tower 1.5m (2sec. of beam)	89	1	
8	Stairs 1.5m "Fairytale"	61	1	
9	Roof "Fairytale"	48	2	Blue
10	Slide 1.5m assembly	64	1	
11	Radial bridge (plywood TPS)	42	2	
12	Straight bridge assembly	60	1	
13	Chain bridge (plywood TPS)	53	1	
14	Wavy bridge (plywood TPS)	40	1	
15	Rope bridge	87	1	
16	Bridge railings	24	4	
17	Fence "Entrance"	9	3	Pink
18	Fence "Entrance"	9	1	Lilac
19	Fence for bridge	7	1	Lilac
20	Fence "Wall" small	10	6	Pink
21	Fence "Prince"	4	1	Pink
22	Roof rim		5	
23	Cap S13		4	
24	Cap M8		176	Yellow
25	Cup M8		176	Yellow
26	Bolt M8x120 DIN931		4	
27	Nut M8 GOST5915		4	
28	Washer 10 GOST11371		176	
29	Washer 8 GOST11371		4	
30	Screw 8x50 GOST11473		172	

Picture 10 for T923

Appendix 2 for T923.1



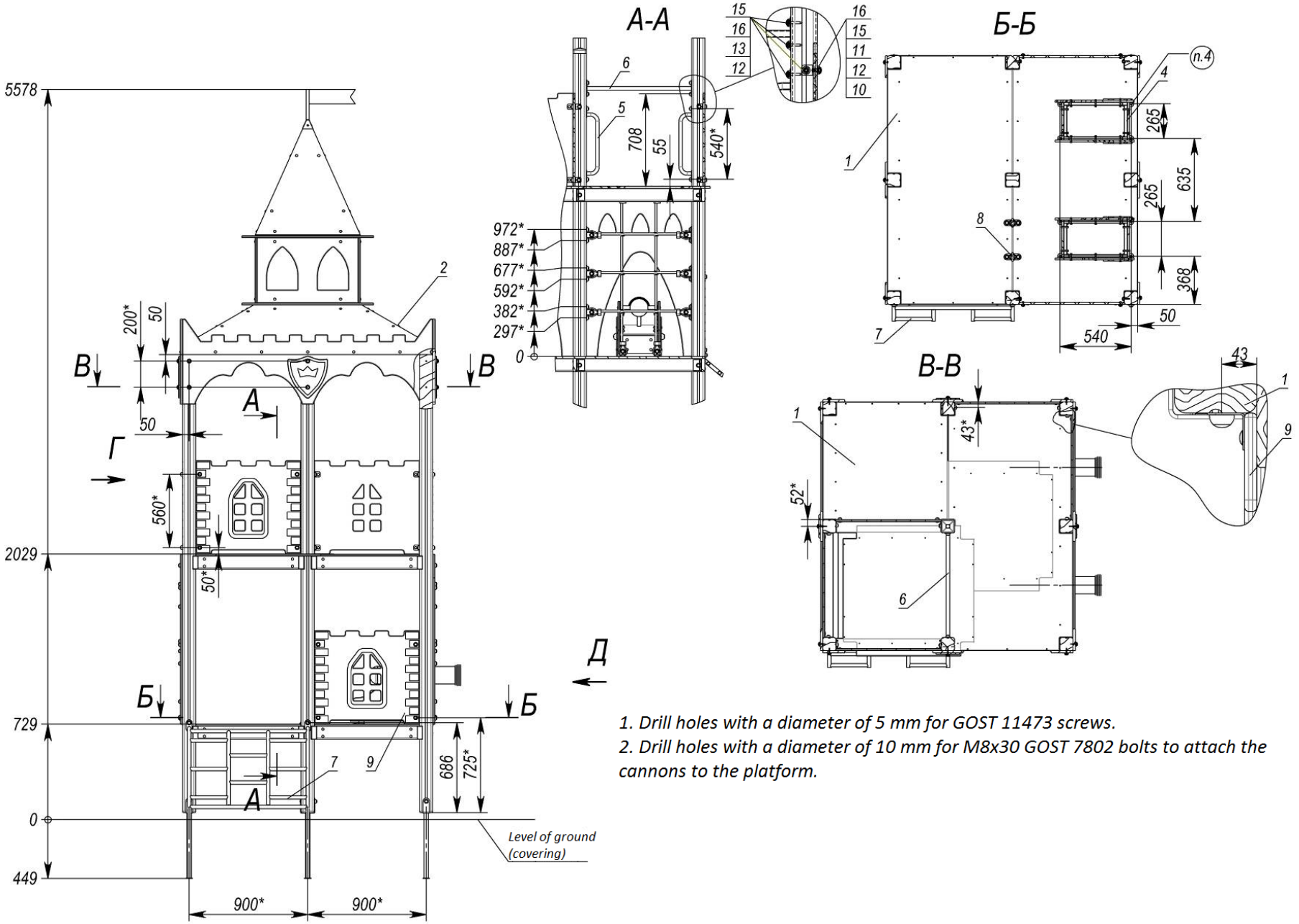
Picture 1 – Dividing game complex into parts



Pos.	Name	Weight, kg	Q-ty, pcs.
1	Central tower (T923)	616	1
2	Part 2 GC "Fairytale"	1401	1
3	Part 3 GC "Fairytale"	1315	1

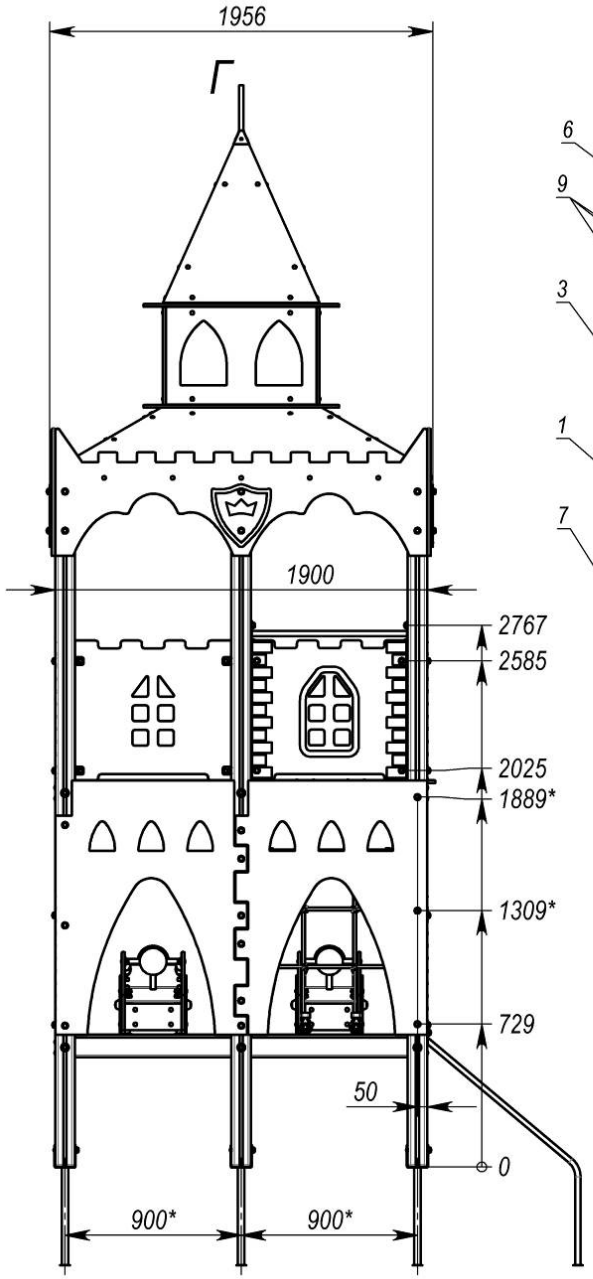
Picture 2 – Overall dimensions of the complex T923.1

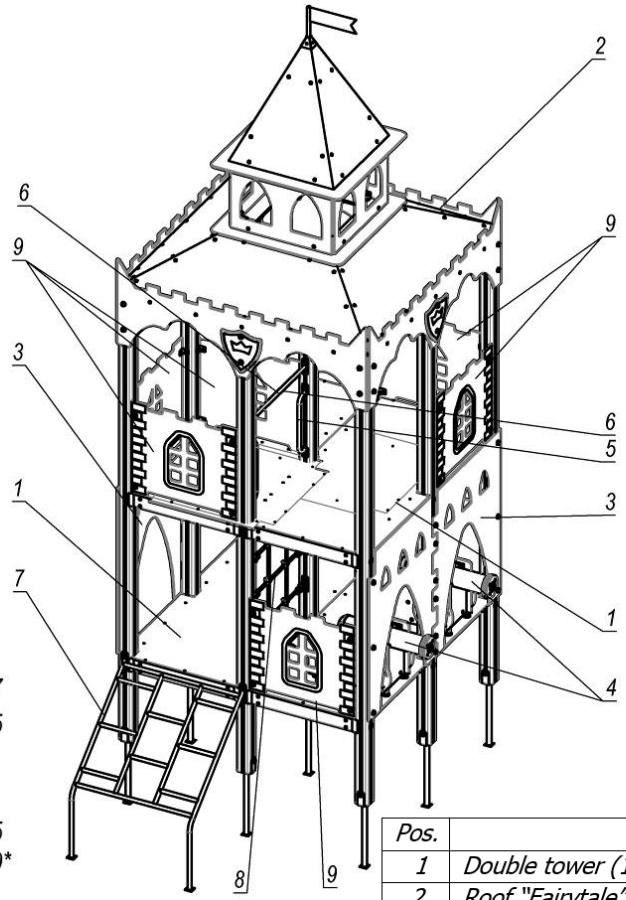
Central tower GC T923.1 «Fairytale»

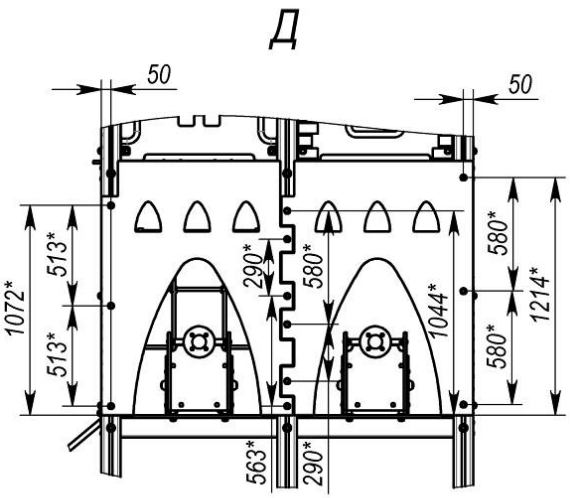


1. *Drill holes with a diameter of 5 mm for GOST 11473 screws.*
2. *Drill holes with a diameter of 10 mm for M8x30 GOST 7802 bolts to attach the cannons to the platform.*

Picture 3



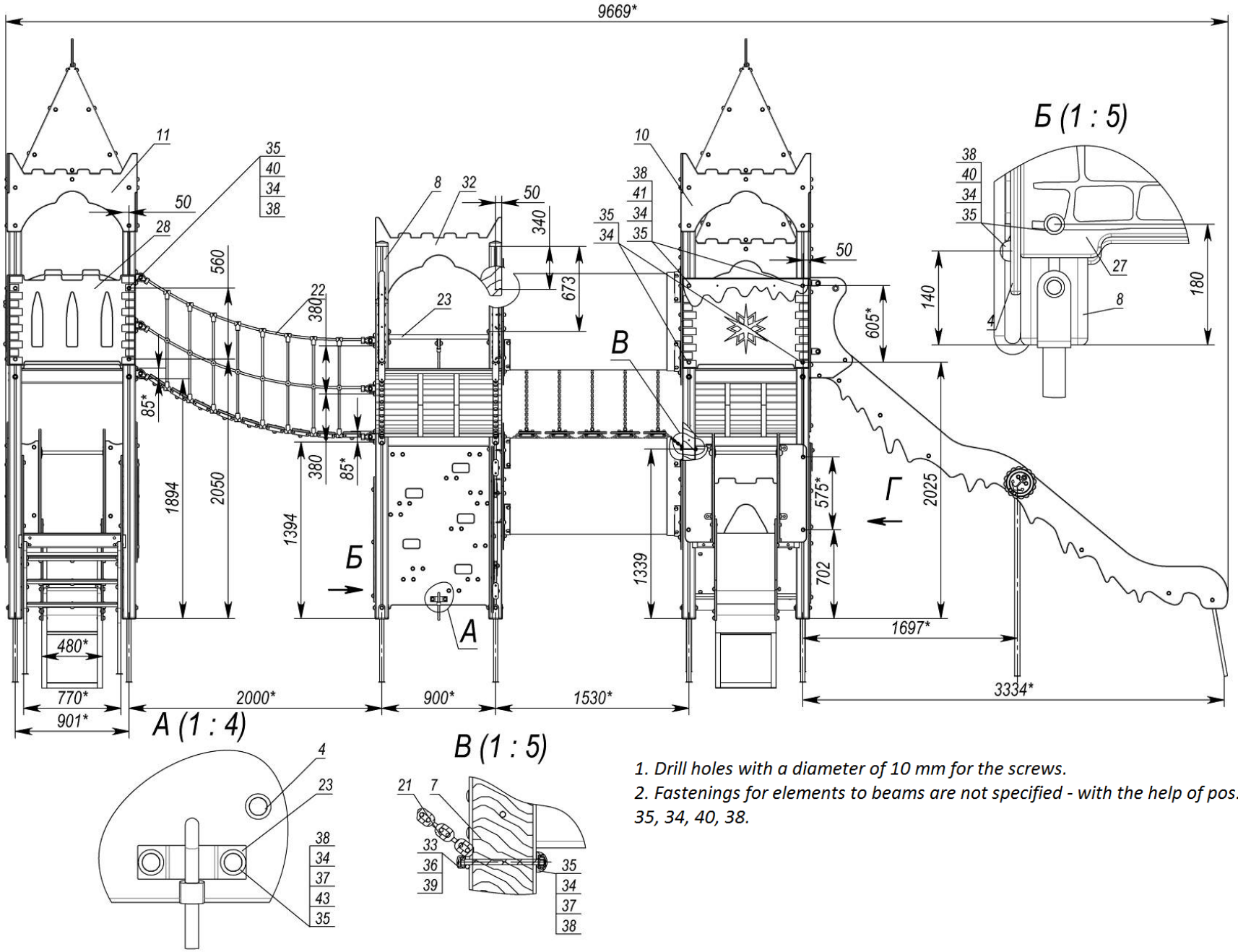




Pos.	Name	Weight, kg	Q-ty	Note
1	Double tower (1.9mx1.9m) beam 3.5m	340	1	
2	Roof "Fairytale" (T923)	143	1	
3	Wall assembly	17	2	
4	Floor cannon assembly	26	2	
5	Handle	1	2	Light yellow
6	Brace rod 0.8m	2	1	Light yellow
7	Inclined ladder 700 assembly	13	1	
8	Rope ladder	6	1	
9	Fence "Wall"	6	7	
10	Bolt M8x30 GOST7802		36	
11	Nut M8 GOST5915		36	
12	Washer 10 GOST11371		72	
13	Screw 8x50 GOST11473		36	
14	Angle 45x45x40 (90 degrees)		28	Brown
15	Cap M8		72	Yellow
16	Cup M8		72	Yellow

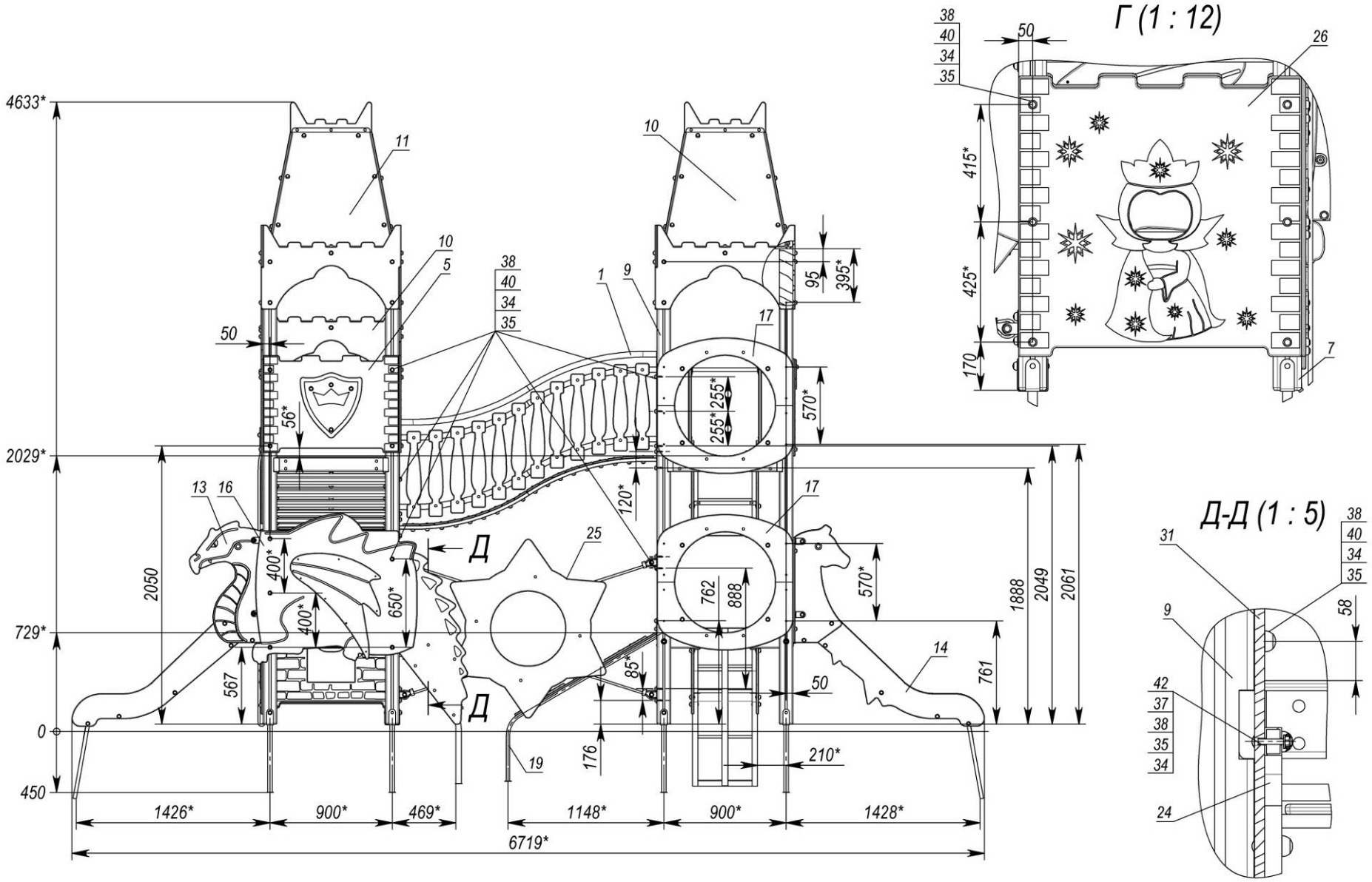
Picture 4 – Completeness and main characteristics of the first part T923.1

Part 2 GC T923.1 «Fairytale»

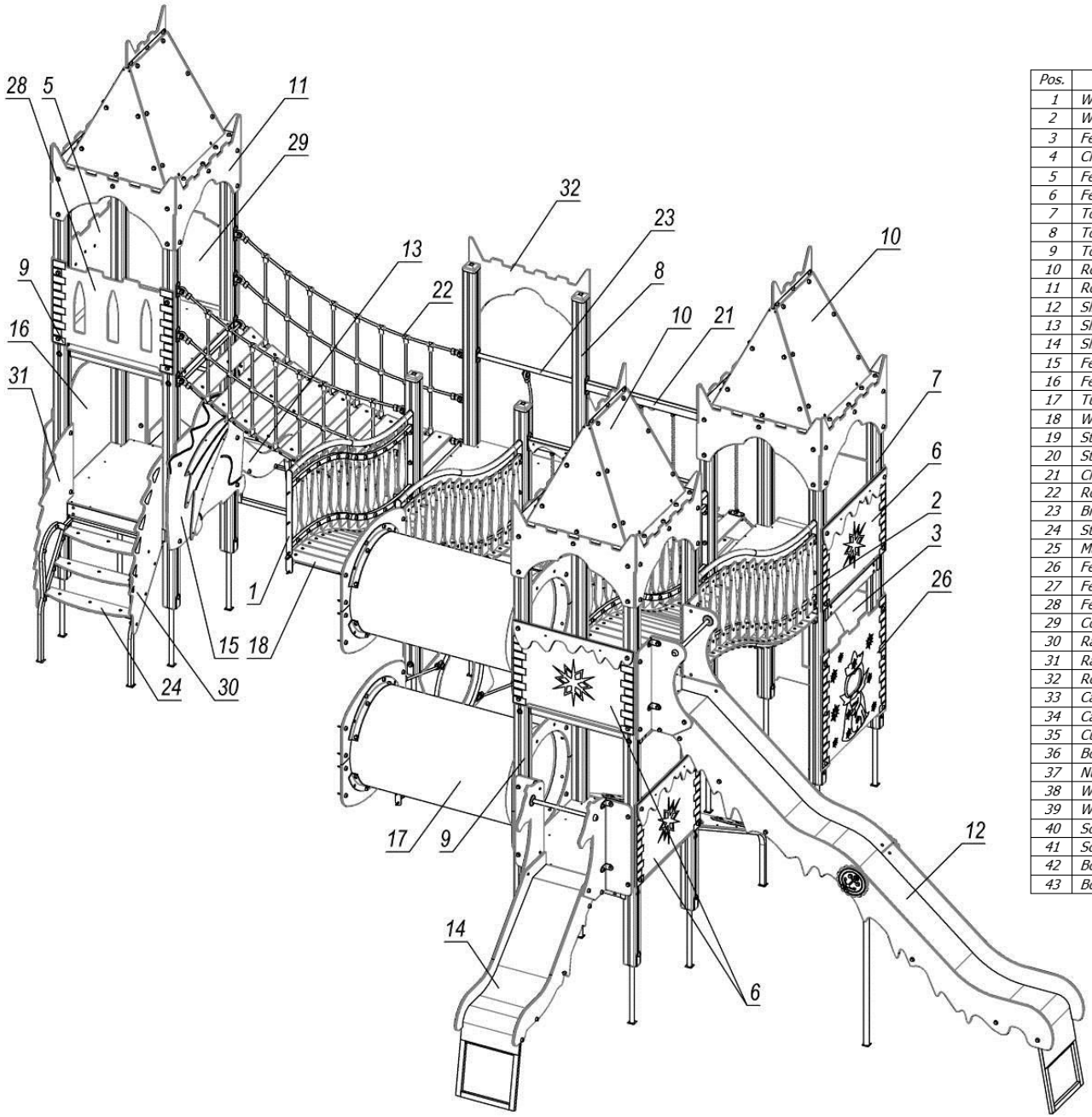


1. Drill holes with a diameter of 10 mm for the screws.
2. Fastenings for elements to beams are not specified - with the help of pos. 35, 34, 40, 38.

Picture 5



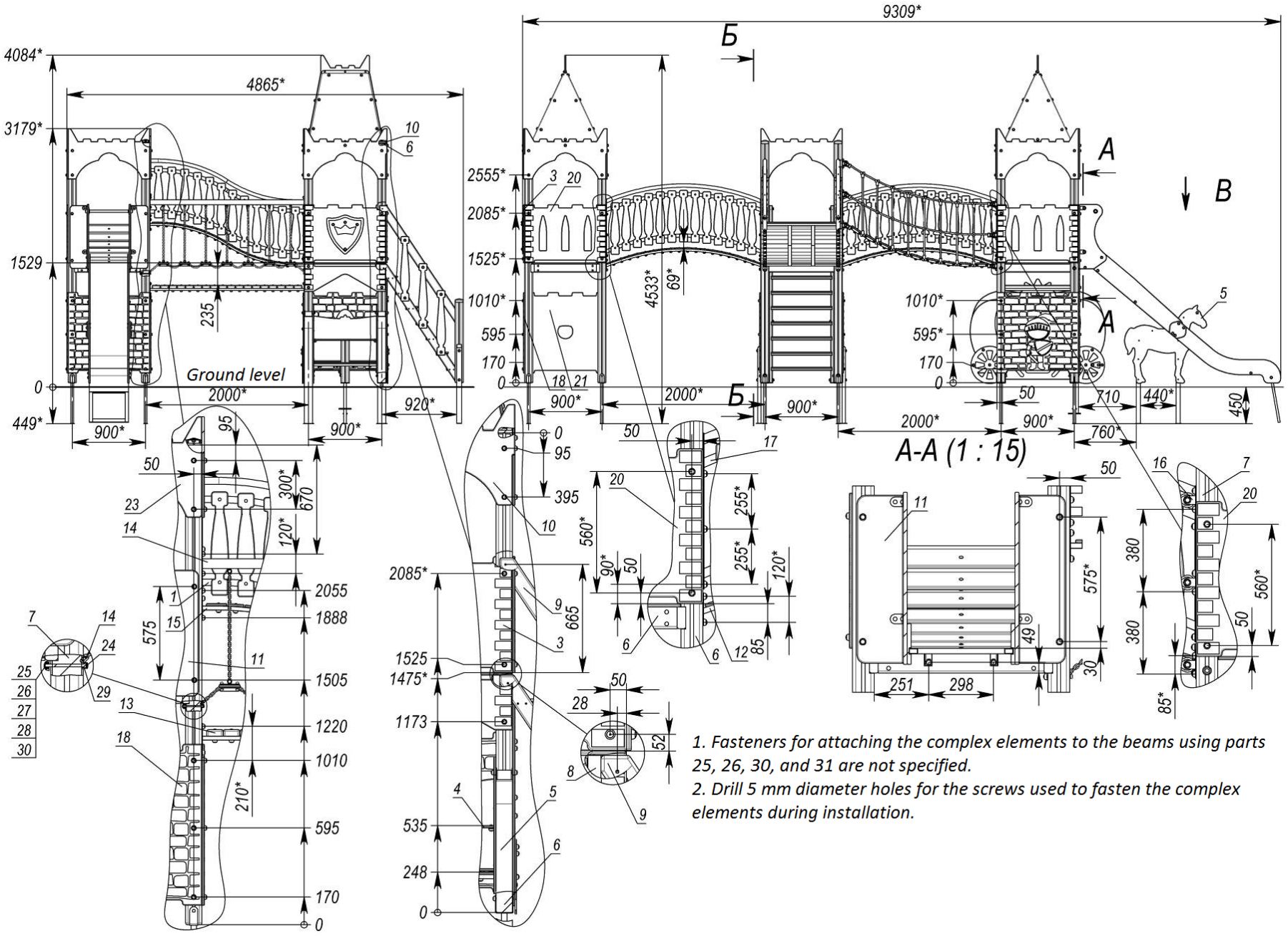
Picture 6 for T923.1



Pos.	Name	Weight, kg	Q-ty	Note
1	Wavy railings left	26	2	
2	Wavy railings right	26	2	
3	Fence "Entrance" assembly	9	1	
4	Climber's board assembly	17	1	
5	Fence shield assembly	9	1	
6	Fence snowflake assembly	9	4	
7	Tower 1.5m 1x1	93	1	
8	Tower 1.5m (2 sec. of beam)	89	1	
9	Tower 0.7-2m (beam 3.5m)	107	2	
10	Roof "Fairytale"	48	2	Blue
11	Roof "Fairytale"	48	1	Red
12	Slide 2m "Fairytale" assembly	91	1	
13	Slide 0.7m "Dragon" assembly		1	
14	Slide 0.7m "Fairytale" assembly		1	
15	Fence "Dragon" right	14	1	
16	Fence "Dragon" left	14	1	
17	Tunnel crossing (Ukrhimplast)	56	2	
18	Wavy bridge (plywood TPS)	40	2	
19	Straight ascent 0.7m "Snowflake"	28	1	
20	Straight bridge (1.43m)	44	1	
21	Chain bridge (plywood TPS)	40	1	
22	Rope bridge	87	1	
23	Brace rod with rope	4	1	
24	Stairs 0.7m "Fairytale"	18	1	
25	Manhole "Star"	14	1	
26	Fence "Princess"	10	1	Blue
27	Fence	9	1	Orange
28	Fence "Wall" small	7	1	Orange
29	Cover plate "Rapunzel"	8	1	Orange
30	Railings "Tail" right	5	1	Green
31	Railings "Tail" left	5	1	Green
32	Roof rim	4	1	White
33	Cap 513		4	
34	Cap M8		186	
35	Cup M8		186	
36	Bolt M8x120 DIN931		4	
37	Nut M8 GOST5915		16	
38	Washer 10 GOST11371		186	
39	Washer 8 GOST11371		4	
40	Screw 8x50 GOST11473		154	
41	Screw 8x70 GOST11473		16	
42	Bolt M8x50 GOST7802		10	
43	Bolt M8x30 GOST7802		2	

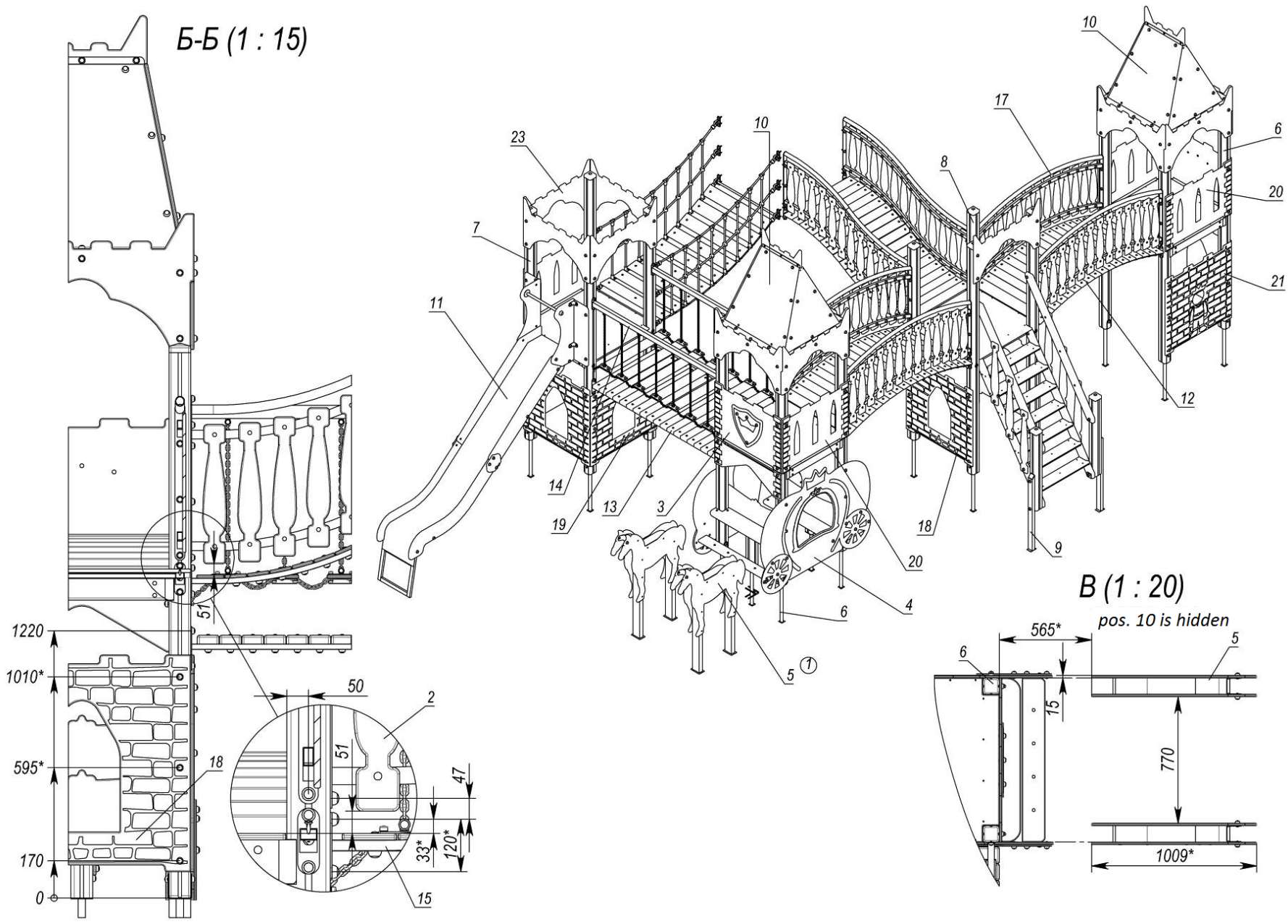
Picture 7 - Completeness and main characteristics of the second part T923.1

Part 3 GC T923.1 «Fairytale»

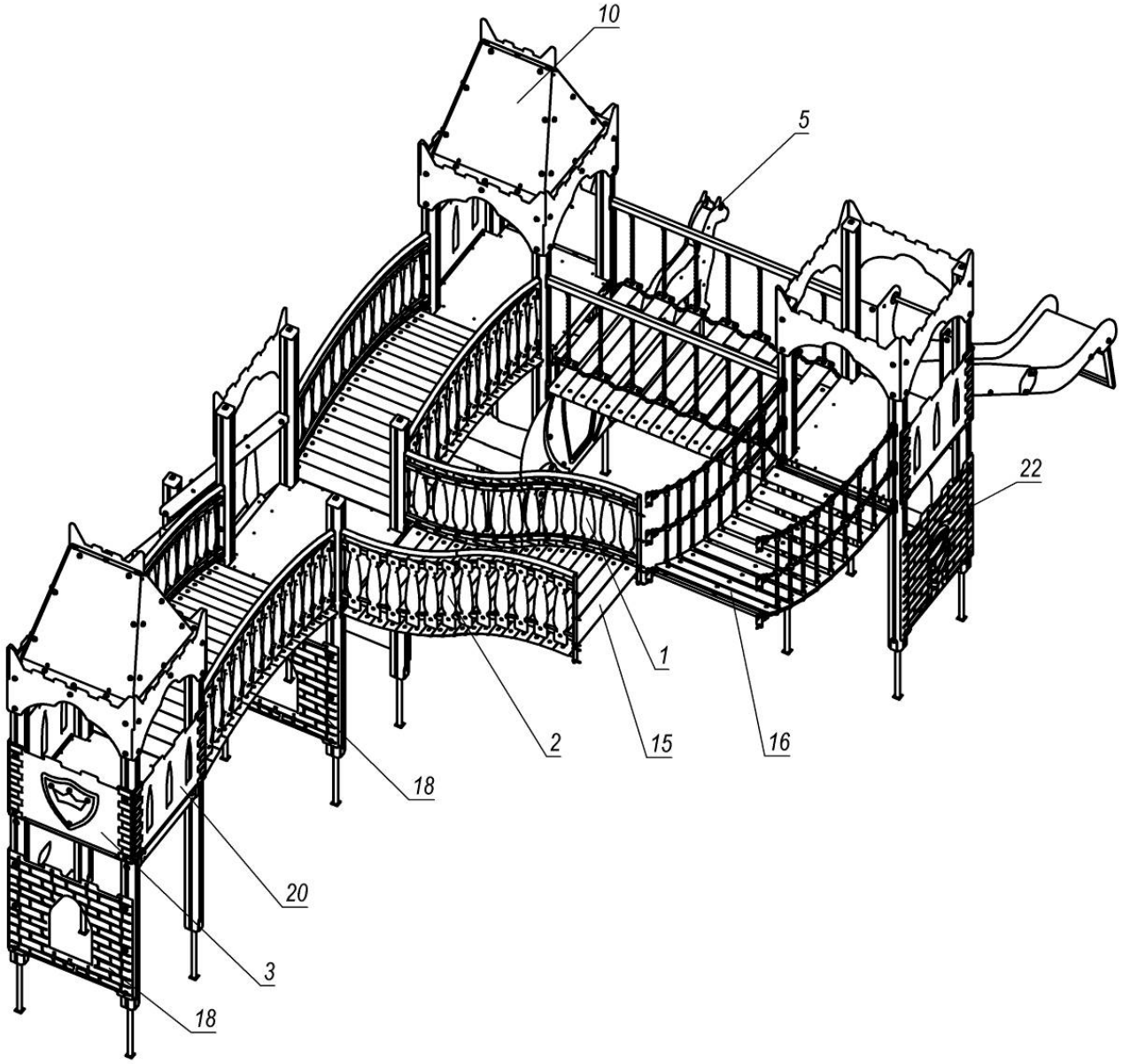


1. Fasteners for attaching the complex elements to the beams using parts 25, 26, 30, and 31 are not specified.
2. Drill 5 mm diameter holes for the screws used to fasten the complex elements during installation.

Picture 8

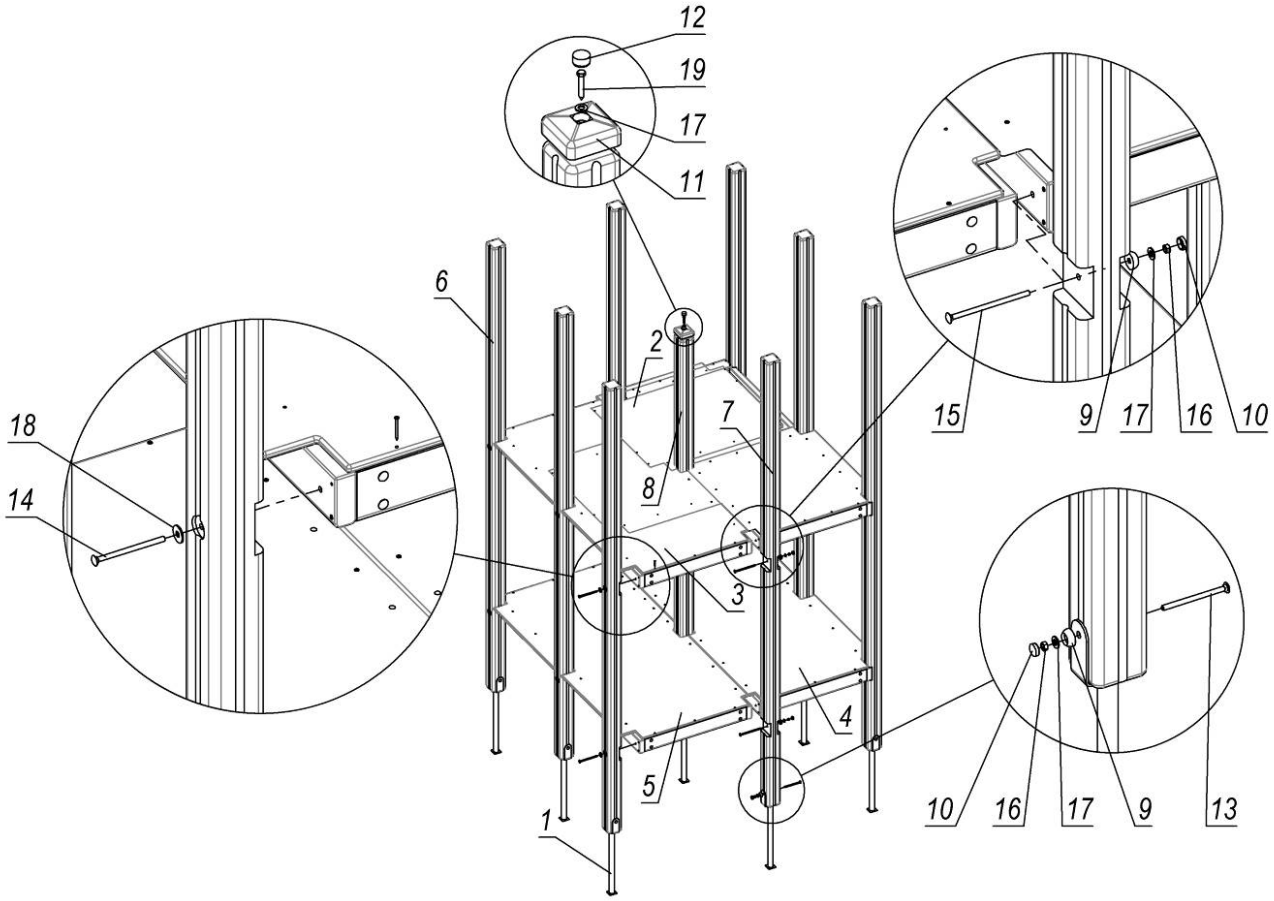


Picture 9 for T923.1



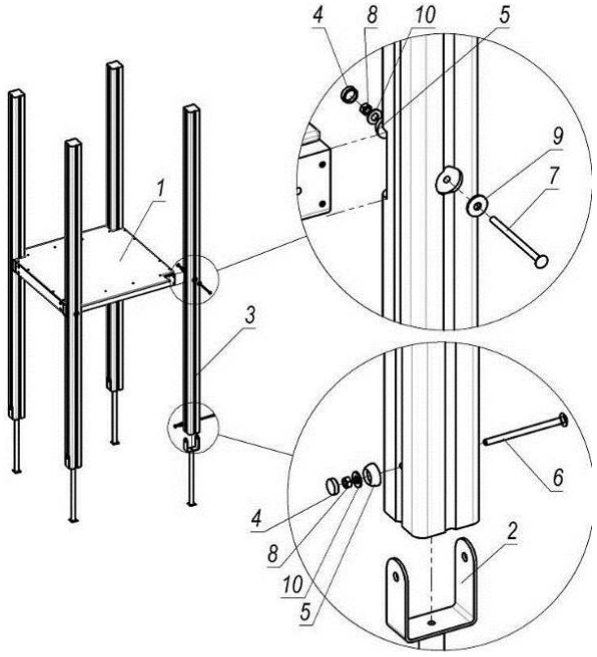
Pos.	Name	Weight, kg	Q-ty	Note
1	Wavy railings right	26	1	
2	Wavy railings left	26	1	
3	Fence shield assembly	9	2	
4	Carriage assembly	65	1	
5	Horse assembly	27	2	
6	Tower 1.5m 1x1	93	2	
7	Tower 1.5m 1x1	93	1	
8	Tower 1.5m (2 sec. of beam)	89	1	
9	Stairs 1.5m "Fairytale"	62	1	
10	Roof "Fairytale"	48	2	Red
11	Slide 1500mm TE assembly	64	1	
12	Radial bridge (plywood TPS)	42	2	
13	Straight bridge assembly	60	1	
14	Chain bridge (plywood TPS)	53	1	
15	Wavy bridge (plywood TPS)	40	1	
16	Rope bridge	87	1	
17	Bridge railings	24	4	
18	Fence	9	4	Orange
19	Fence for bridge	9	1	Orange
20	Fence "Wall" small	7	4	Orange
21	Fence "Prince"	10	1	Orange
22	Fence "Knight'	10	1	Orange
23	Roof rim	8	5	Ivory
24	Cap S13		4	
25	Cap M18		182	Yellow
26	Cup M8		182	Yellow
27	Bolt M8x120 DIN931		4	
28	Nut M8 GOST5915		4	
29	Washer 8 GOST11371		4	
30	Washer 10 GOST11371		182	
31	Screw 8x50 GOST11473		178	

Picture 10 - - Completeness and main characteristics of the third part T923.1



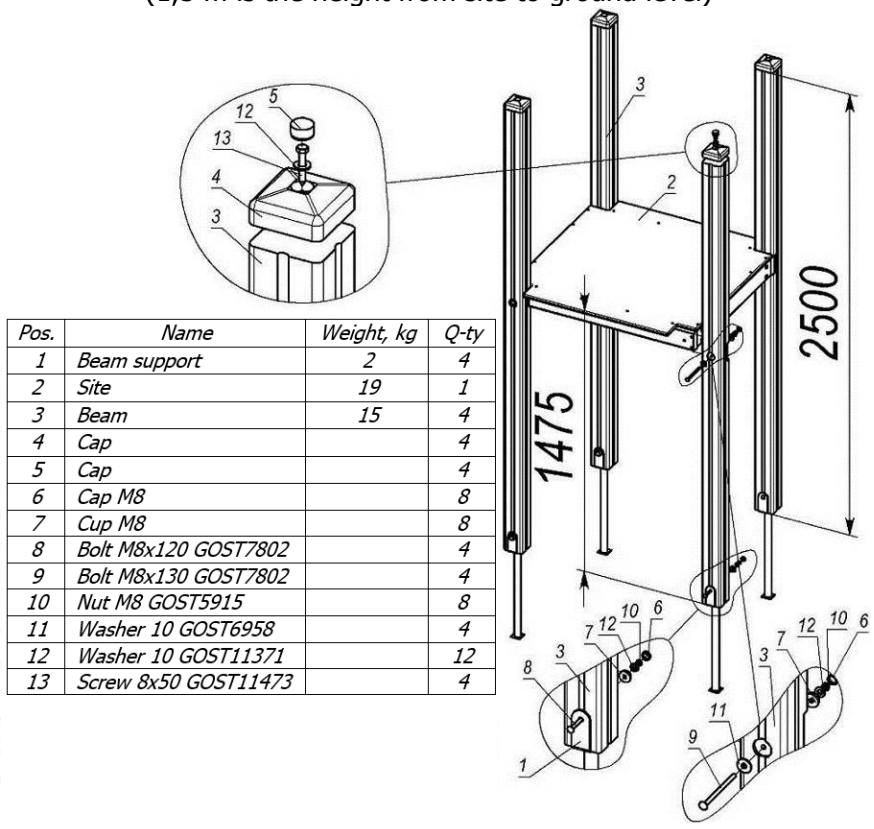
Pos.	Name	Weight, kg	Q-ty
1	Beam support	2	9
2	Double site with cut	25	1
3	Double site	34	1
4	Double site	34	1
5	Double site	34	1
6	Beam (3.5m)	20	6
7	Middle beam (3.5m)	20	2
8	Rack	17	1
9	Cup M8		27
10	Cap M8		27
11	Cap		1
12	Cap		1
13	Bolt M8x120 GOST7802		9
14	Bolt M8x130 GOST7802		12
15	Bolt M8x150 GOST7802		6
16	Nut M8 GOST5915		27
17	Washer 10 GOST11371		28
18	Washer 10 GOST6958		12
19	Screw 8x50 GOST11473		1

Picture 11 – Completeness and assembly scheme of central tower



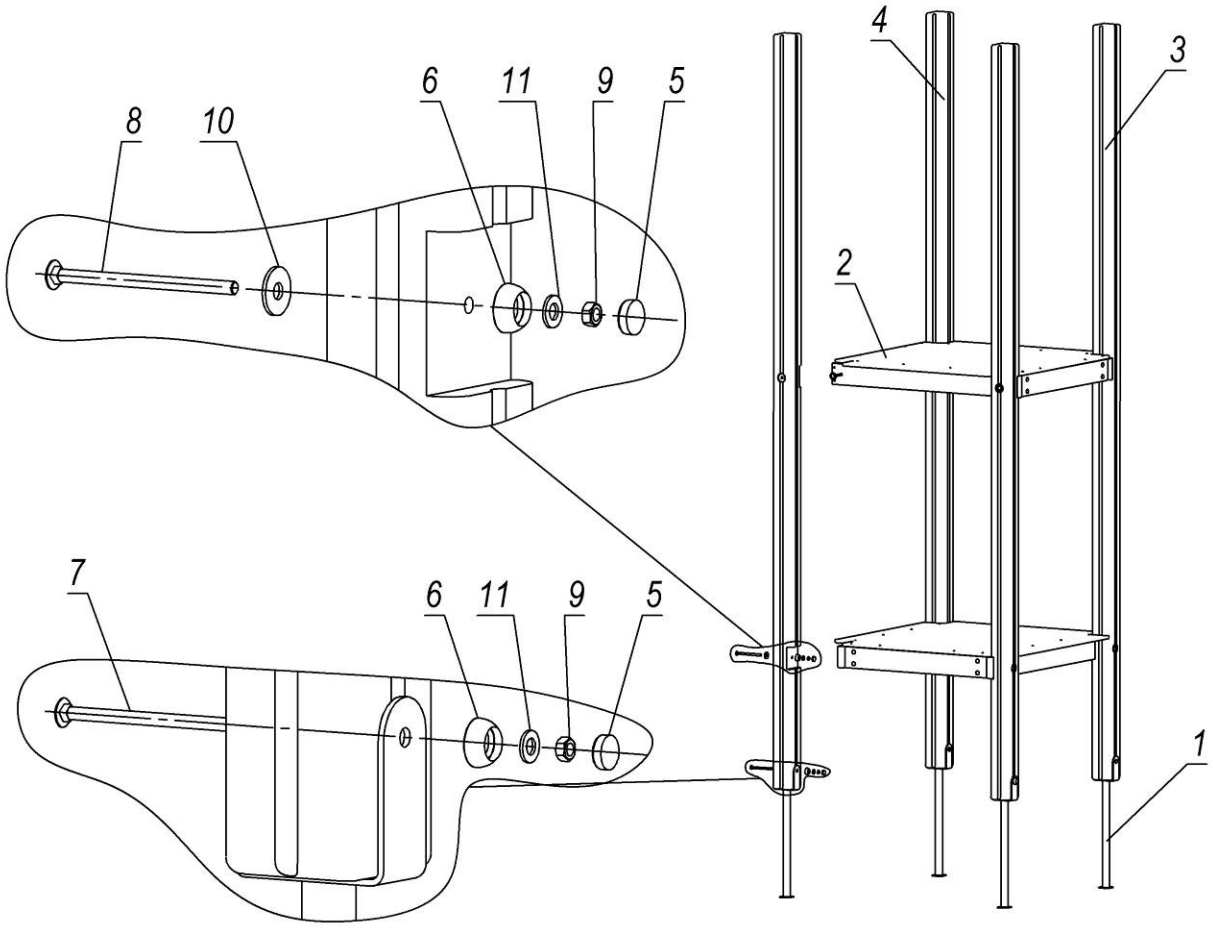
Pos.	Name	Weight, kg	Q-ty
1	Site	19	1
2	Beam support	2	4
3	Beam	17	4
4	Cap M8		8
5	Cup M8		8
6	Bolt M8x120 GOST7802		4
7	Bolt M8x130 GOST7802		4
8	Nut M8 GOST5915		8
9	Washer 10 GOST6958		4
10	Washer 10 GOST11371		8

Picture 12 – Completeness and assembly scheme of tower 1,5m
(1,5 m is the height from site to ground level)



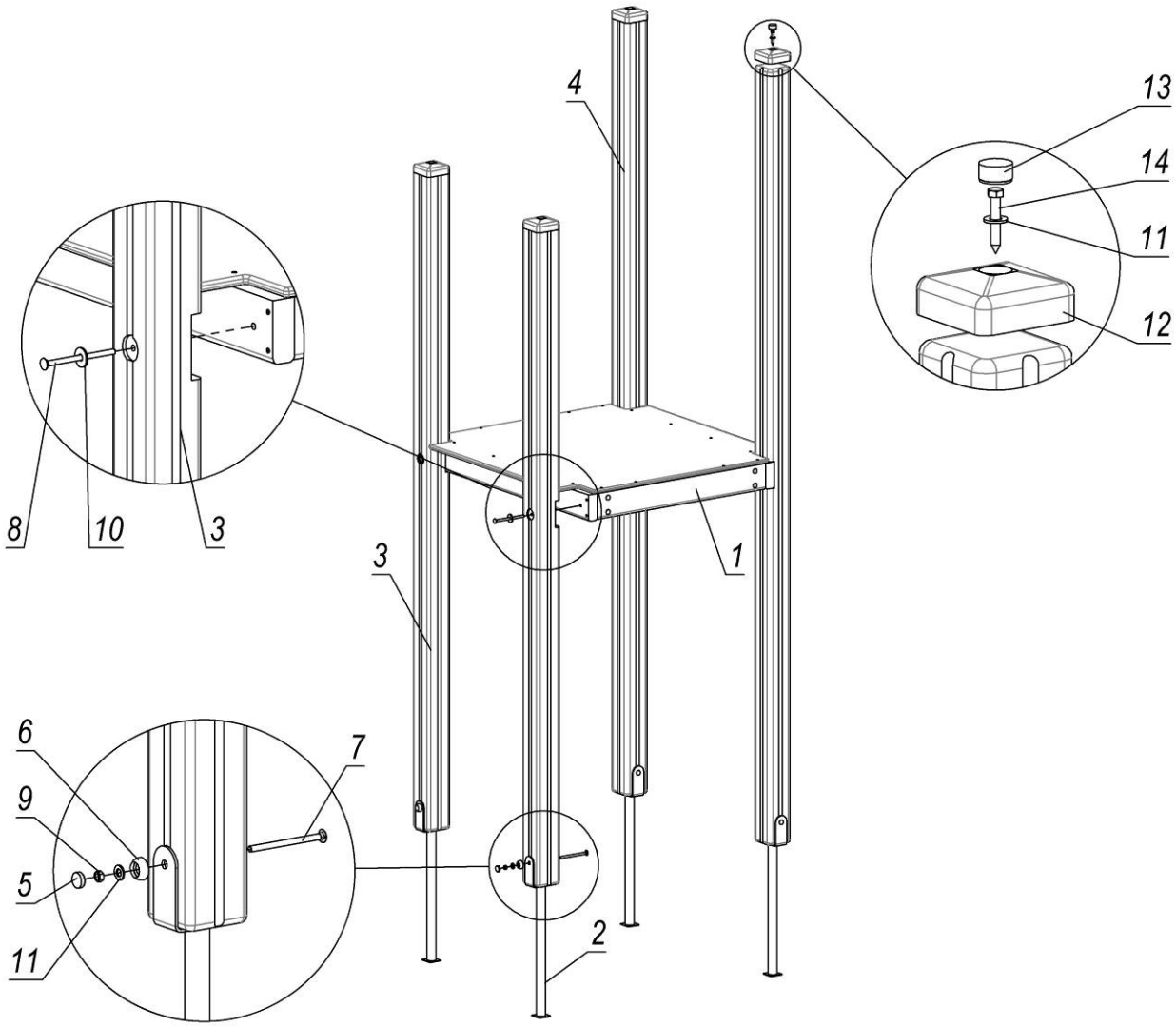
Pos.	Name	Weight, kg	Q-ty
1	Beam support	2	4
2	Site	19	1
3	Beam	15	4
4	Cap		4
5	Cap		4
6	Cap M8		8
7	Cup M8		8
8	Bolt M8x120 GOST7802		4
9	Bolt M8x130 GOST7802		4
10	Nut M8 GOST5915		8
11	Washer 10 GOST6958		4
12	Washer 10 GOST11371		12
13	Screw 8x50 GOST11473		4

Picture 13 – Completeness and assembly scheme of tower 1,5 m with caps
(1,5 m is the height from site to ground level)



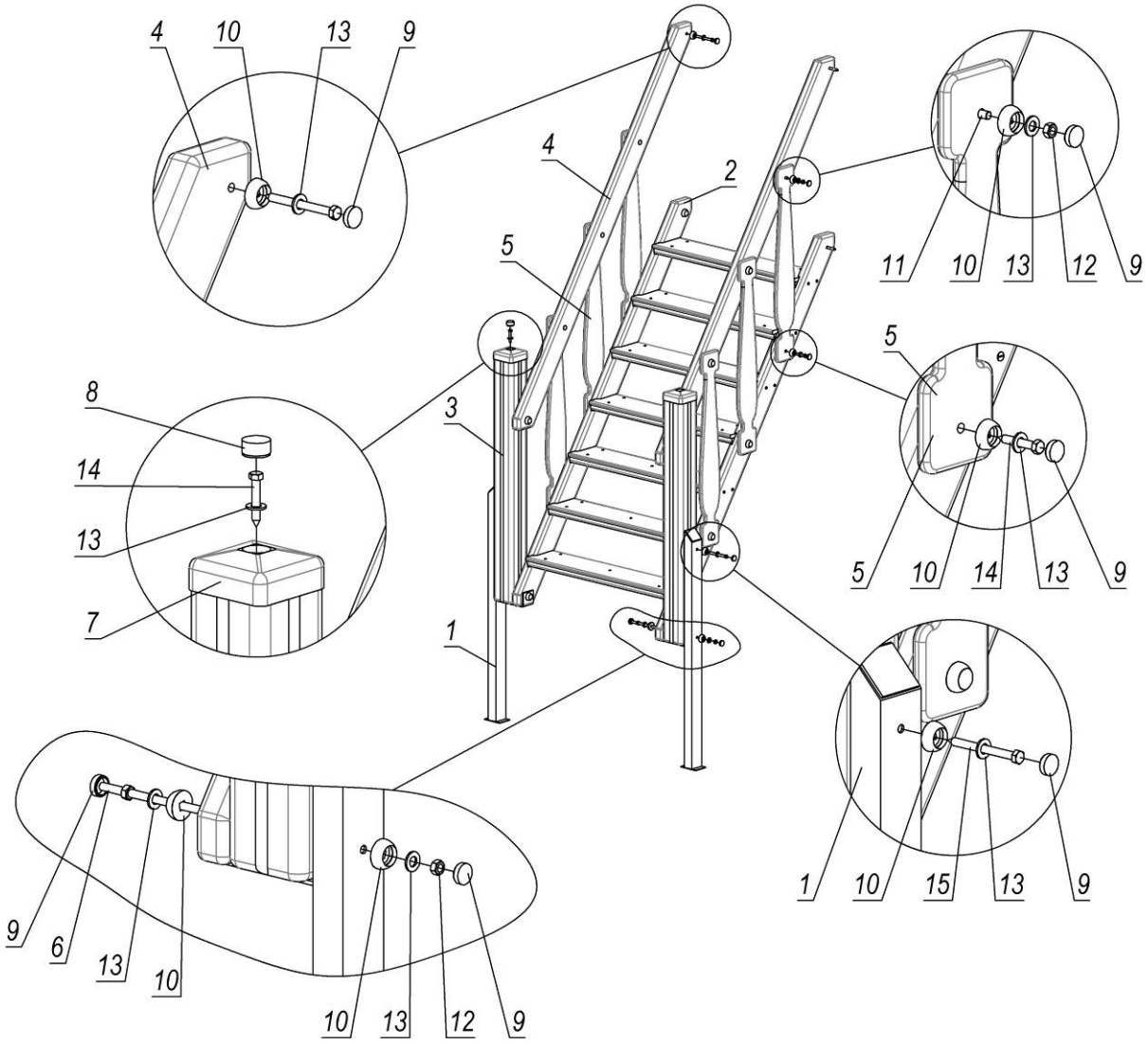
Pos.	Name	Weight, kg	Q-ty
1	Beam support	2	4
2	Site	19	2
3	Beam 3.5m	11	2
4	Beam 3.5m	20	2
5	Cap M8		12
6	Cup M8		12
7	Bolt M8x120 GOST7802		4
8	Bolt M8x130 GOST7802		8
9	Nut M8 GOST5915		12
10	Washer 10 GOST6958		8
11	Washer 10 GOST11371		12

Picture 14 – Completeness and assembly scheme of tower with two sites (on height – 2m and 0,7m) beam 3,5m



Pos.	Name	Weight, kg	Q-ty
1	Site	19	1
2	Beam support	2	4
3	Beam	15	2
4	Beam	17	2
5	Cap M8		8
6	Cup M8		8
7	Bolt M8x120 GOST7802		4
8	Bolt M8x130 GOST7802		4
9	Nut M8 GOST5915		8
10	Washer 10 GOST6958		4
11	Washer 10 GOST11371		12
12	Cap		4
13	Cap		4
14	Screw 8x50 GOST11473		4

Picture 15 – Completeness and assembly scheme of tower 0,7m
(0,7m is the height of site from ground level) (beam 2pcs -2500mm, 2pcs-3000mm)



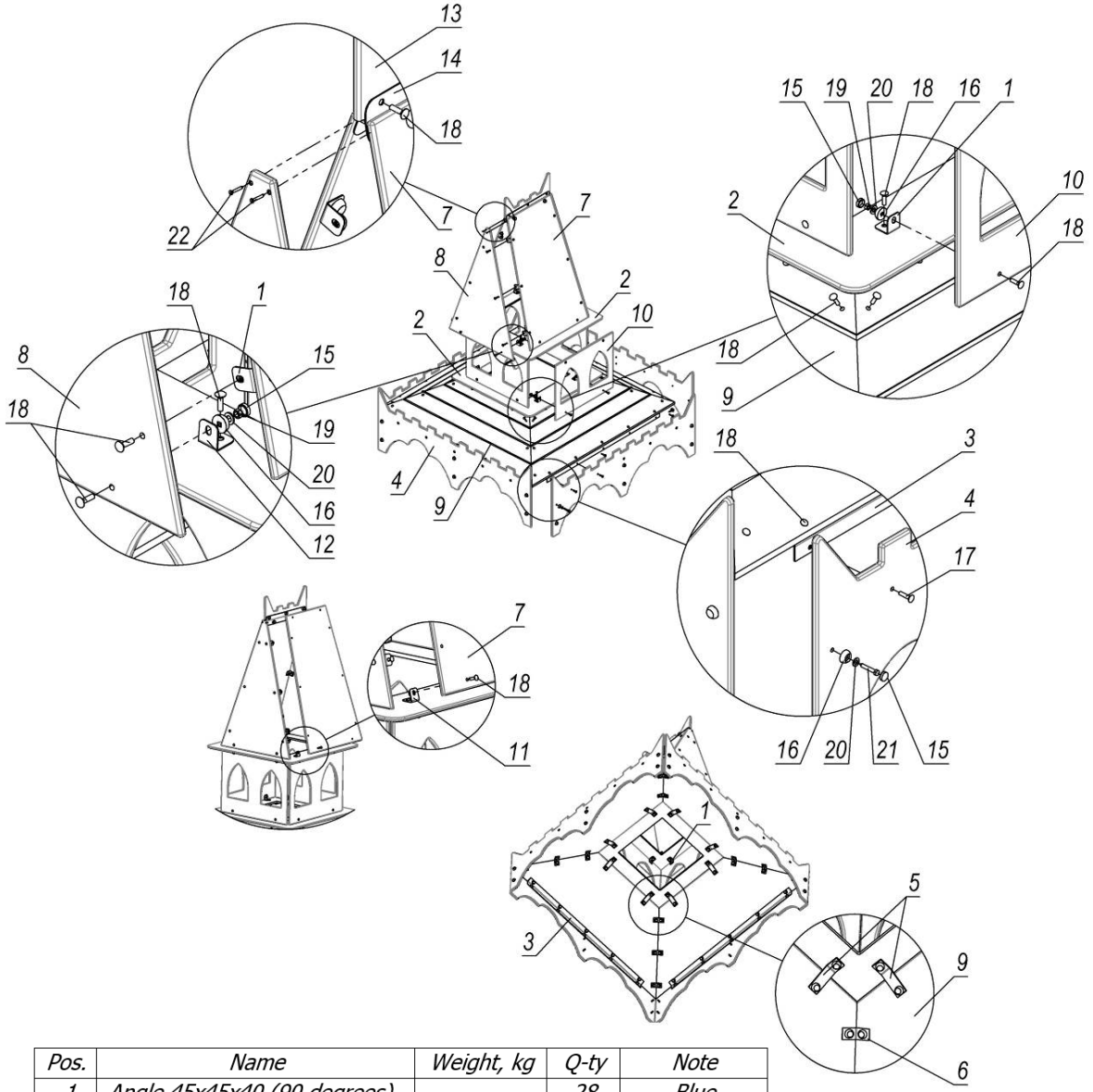
For T923

Pos.	Name	Weight, kg	Q-ty	Note
1	Rack	4	2	Brown
2	Stairs	27	1	
3	Support	6	2	Rosewood
4	Handrail	4	2	White
5	Railings handrail		6	White
6	Sprig L=210mm		2	
7	Cap		2	Yellow
8	Cap		2	Yellow
9	Cap M8		24	Yellow
10	Cup M8		24	Yellow
11	Bolt M8x65 GOST7802		6	
12	Nut M8 GOST5915		10	
13	Washer 10 GOST11371		26	
14	Screw 8x50 GOST11473		8	
15	Screw 8x90 GOST11473		8	

For T923.1

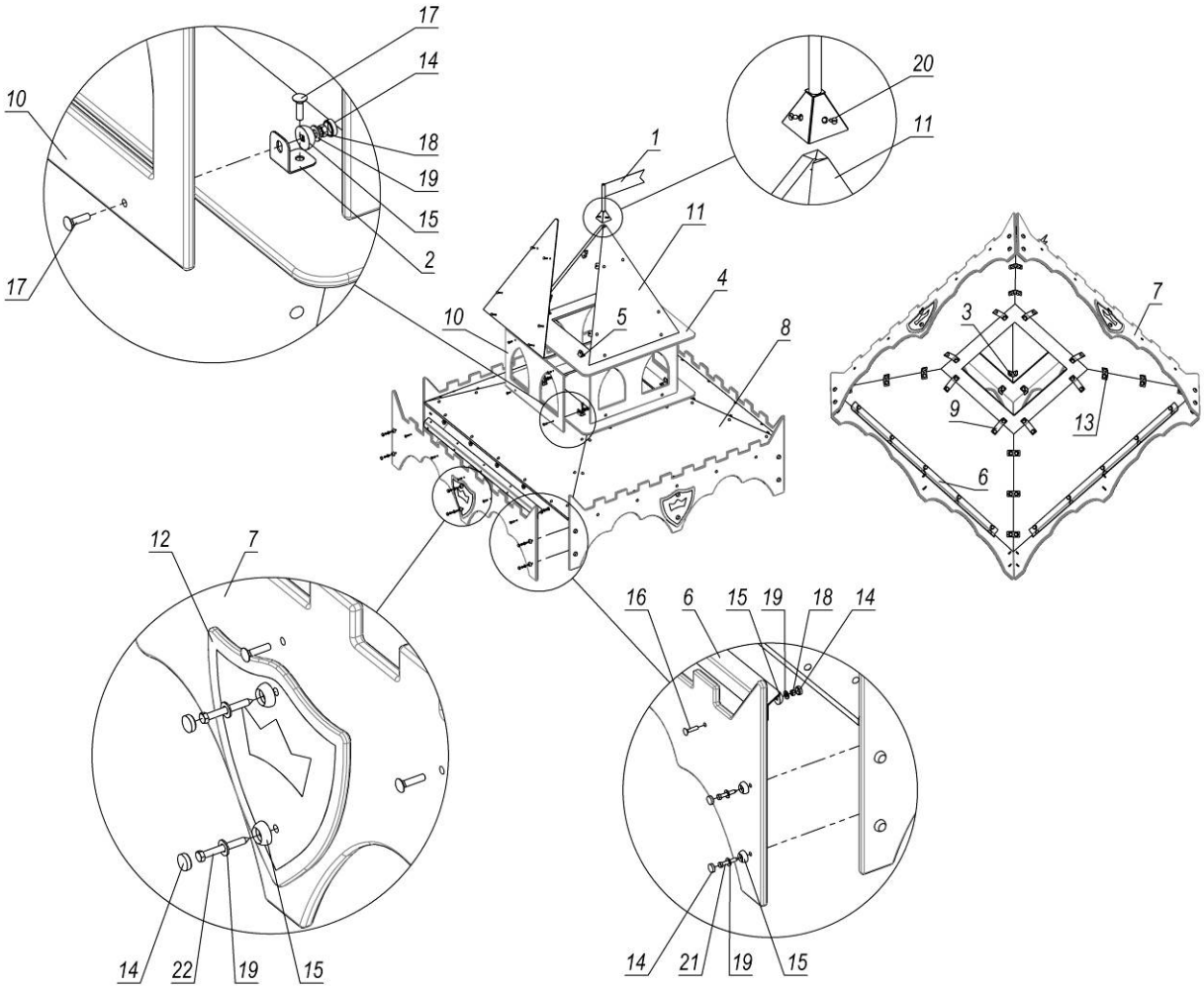
Pos.	Name	Weight, kg	Q-ty	Note
1	Rack	4	2	Brown
2	Stairs	27	1	
3	Support	6	2	Rosewood
4	Handrail	4	2	Rosewood
5	Railings handrail		6	Ivory
6	Sprig L=210mm		2	
7	Cap		2	Yellow
8	Cap		2	Yellow
9	Cap M8		24	Yellow
10	Cup M8		24	Yellow
11	Bolt M8x65 GOST7802		6	
12	Nut M8 GOST5915		10	
13	Washer 10 GOST11371		26	
14	Screw 8x50 GOST11473		8	
15	Screw 8x90 GOST11473		8	

Picture 16 – Completeness and assembly scheme of wooden ladder
(to the site with height of 1,5 m over the ground)



Pos.	Name	Weight, kg	Q-ty	Note
1	Angle 45x45x40 (90 degrees)		28	Blue
2	Upper lap	8	2	White
3	Angle bar 120 degrees (1.5m)	3	4	Blue
4	Roof rim	9	4	White
5	Roof angle bar (150 degrees)		8	Blue
6	Plate (138 degrees)		12	Blue
7	Slope	10	2	Blue
8	Small slope	6	2	Blue
9	Lower section	10	4	Blue
10	Roof window	4	4	Pink
11	Plate (73 degrees)		4	Blue
12	Plate (85 degrees)		4	Blue
13	Roof ridge		1	White
14	Ridge angle bar		2	Light yellow
15	Cap M8		167	Yellow
16	Cup M8		167	Yellow
17	Bolt M8x35 GOST7802		20	
18	Bolt M8x30 GOST7802		123	
19	Nut M8 GOST5915		143	
20	Washer 10 GOST11371		167	
21	Screw 8x50 GOST11473		24	
22	Screw 4x30 GOST1145		4	

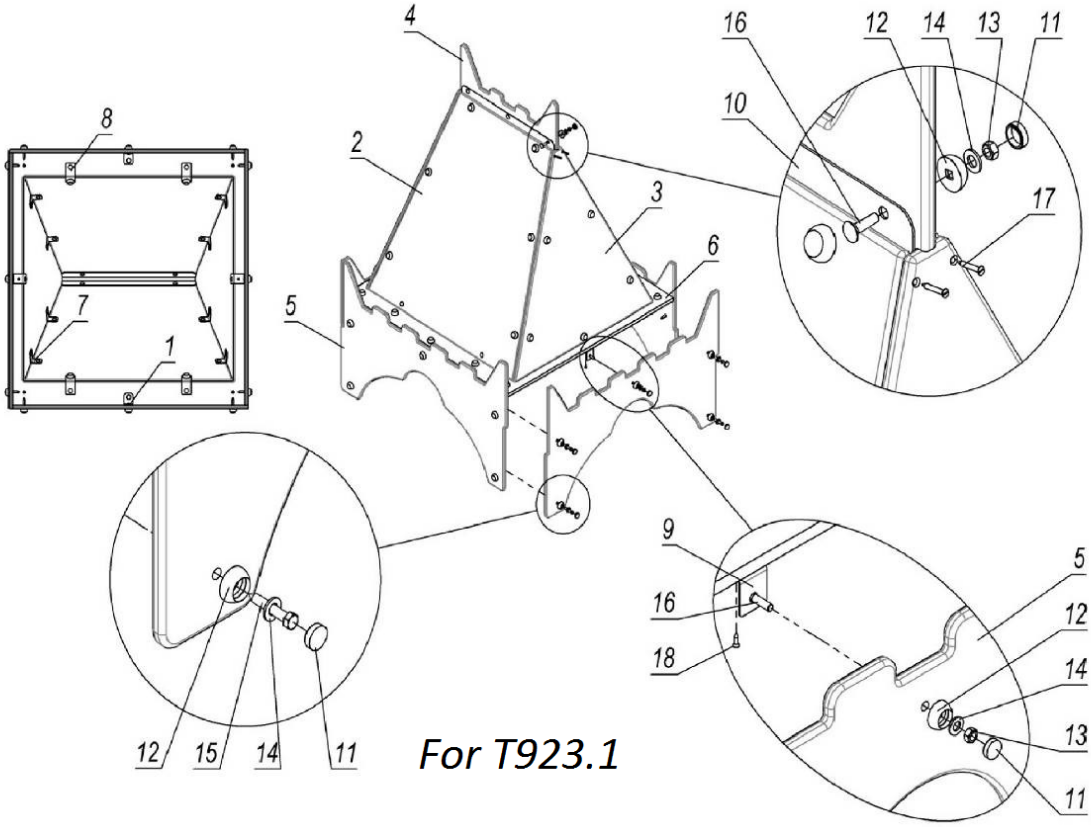
For T923



Pos.	Name	Weight, kg	Q-ty
1	Weathervane	1	1
2	Angle 45x45x40 (90 degrees)		16
3	Plate		8
4	Upper lap	8	2
5	Plate (angle 67 degrees)		8
6	Angle 120 degrees (1.5m)	3	4
7	Roof rim	9	4
8	Lower section	10	4
9	Roof angle bar (150 degrees)		8
10	Roof window	3	4
11	Upper section	4	4
12	Cover plate "Shield"		4
13	Plate (138 degrees)		12
14	Cap M8		152
15	Cup M8		152
16	Bolt M8x35 GOST7802		20
17	Bolt M8x30 GOST7802		108
18	Nut M8 GOST5915		128
19	Washer 10 GOST11371		152
20	Screw 6x20 GOST1145		4
21	Screw 8x50 GOST11473		16
22	Screw 8x70 GOST11473		8

For T923.1

Picture 17 – Completeness and assembly scheme of roof on central tower (1,9x1,9m)



For T923.1

Roof №1

Pos.	Name	Weight, kg	Q-ty	Note
1	Angle 45x45x40 (90 degrees)		2	Blue
2	Slope	8	2	Red
3	Small slope	4	2	Red
4	Roof plank		1	Ivory
5	Roof rim	4	4	Ivory
6	Roof partition	3	1	Ivory
7	Plate		8	Blue
8	Plate		4	Blue
9	Plate		2	Blue
10	Angle bar		2	Light yellow
11	Cap M8		59	Yellow
12	Cup M8		59	Yellow
13	Nut M8 GOST5915		39	
14	Washer 10 GOST11371		59	
15	Screw 8x50 GOST11473		20	
16	Bolt M8x30 GOST7802		39	
17	Screw 4x30 GOST1145		4	
18	Screw 4x16 GOST1145		2	

Roof №2

Pos.	Name	Weight, kg	Q-ty	Note
1	Angle 45x45x40 (90 degrees)		2	Blue
2	Slope	8	2	Light blue
3	Small slope	4	2	Light blue
4	Roof plank		1	White
5	Roof rim	4	4	White
6	Roof partition	3	1	White
7	Plate		8	Blue
8	Plate		4	Blue
9	Plate		2	Blue
10	Angle bar		2	Light yellow
11	Cap M8		59	Yellow
12	Cup M8		59	Yellow
13	Nut M8 GOST5915		39	
14	Washer 10 GOST11371		59	
15	Screw 8x50 GOST11473		20	
16	Bolt M8x30 GOST7802		39	
17	Screw 4x30 GOST1145		4	
18	Screw 4x16 GOST1145		2	

For T923

Roof №1

Pos.	Name	Weight, kg	Q-ty	Note
1	Angle 45x45x40 (90 degrees)		2	Blue
2	Slope	8	2	Lilac
3	Small slope	4	2	Lilac
4	Roof ridge		1	White
5	Roof rim	4	4	White
6	Roof partition	3	1	White
7	Plate		8	Blue
8	Plate		4	Blue
9	Plate		2	Blue
10	Angle bar		2	Light yellow
11	Cap M8		59	Yellow
12	Cup M8		59	Yellow
13	Nut M8 GOST5915		39	
14	Washer 10 GOST11371		59	
15	Screw 8x50 GOST11473		20	
16	Bolt M8x30 GOST7802		39	
17	Screw 4x30 GOST1145		4	
18	Screw 4x16 GOST1145		2	

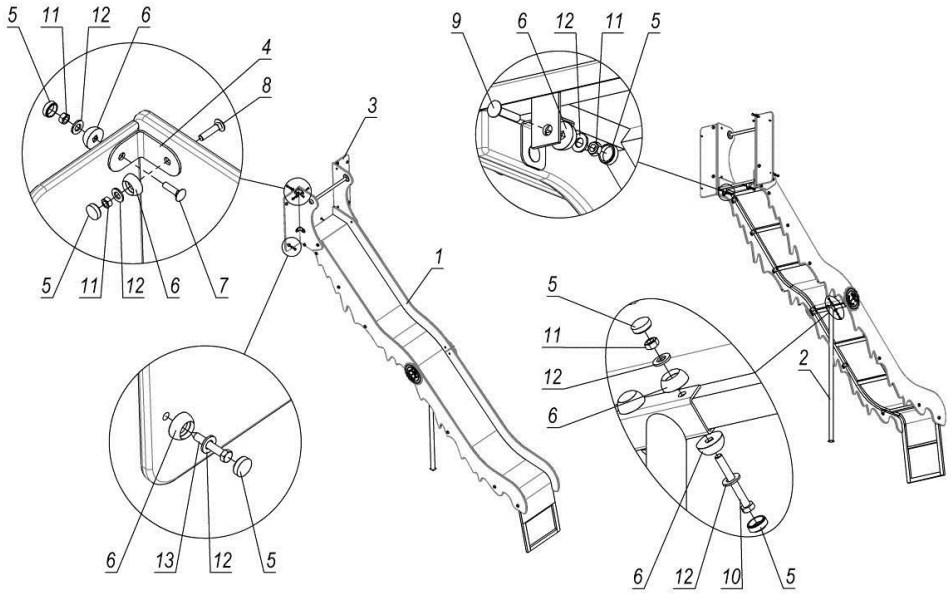
Roof №2

Pos.	Name	Weight, kg	Q-ty	Note
1	Angle 45x45x40 (90 degrees)		2	Blue
2	Slope	8	2	Light blue
3	Small slope	4	2	Light blue
4	Roof plank		1	White
5	Roof rim	4	4	White
6	Roof partition	3	1	White
7	Plate		8	Blue
8	Plate		4	Blue
9	Plate		2	Blue
10	Angle bar		2	Light yellow
11	Cap M8		59	Yellow
12	Cup M8		59	Yellow
13	Nut M8 GOST5915		39	
14	Washer 10 GOST11371		59	
15	Screw 8x50 GOST11473		20	
16	Bolt M8x30 GOST7802		39	
17	Screw 4x30 GOST1145		4	
18	Screw 4x16 GOST1145		2	

Roof №3

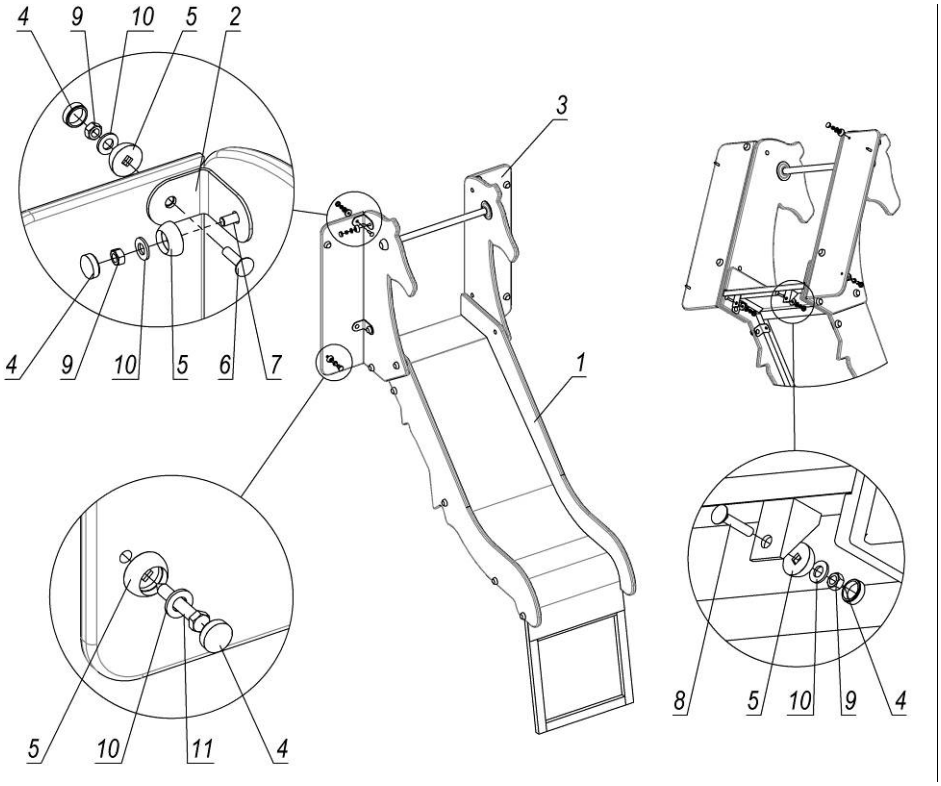
Pos.	Name	Weight, kg	Q-ty	Note
1	Angle 45x45x40 (90 degrees)		2	Blue
2	Slope	8	2	Blue
3	Small slope	4	2	Blue
4	Roof plank		1	White
5	Roof rim	4	4	White
6	Roof partition	3	1	White
7	Plate		8	Blue
8	Plate		4	Blue
9	Plate		2	Blue
10	Angle bar		2	Light yellow
11	Cap M8		59	Yellow
12	Cup M8		59	Yellow
13	Nut M8 GOST5915		39	
14	Washer 10 GOST11371		59	
15	Screw 8x50 GOST11473		20	
16	Bolt M8x30 GOST7802		39	
17	Screw 4x30 GOST1145		4	
18	Screw 4x16 GOST1145		2	

Picture 18 – Completeness ands assembly scheme of roof



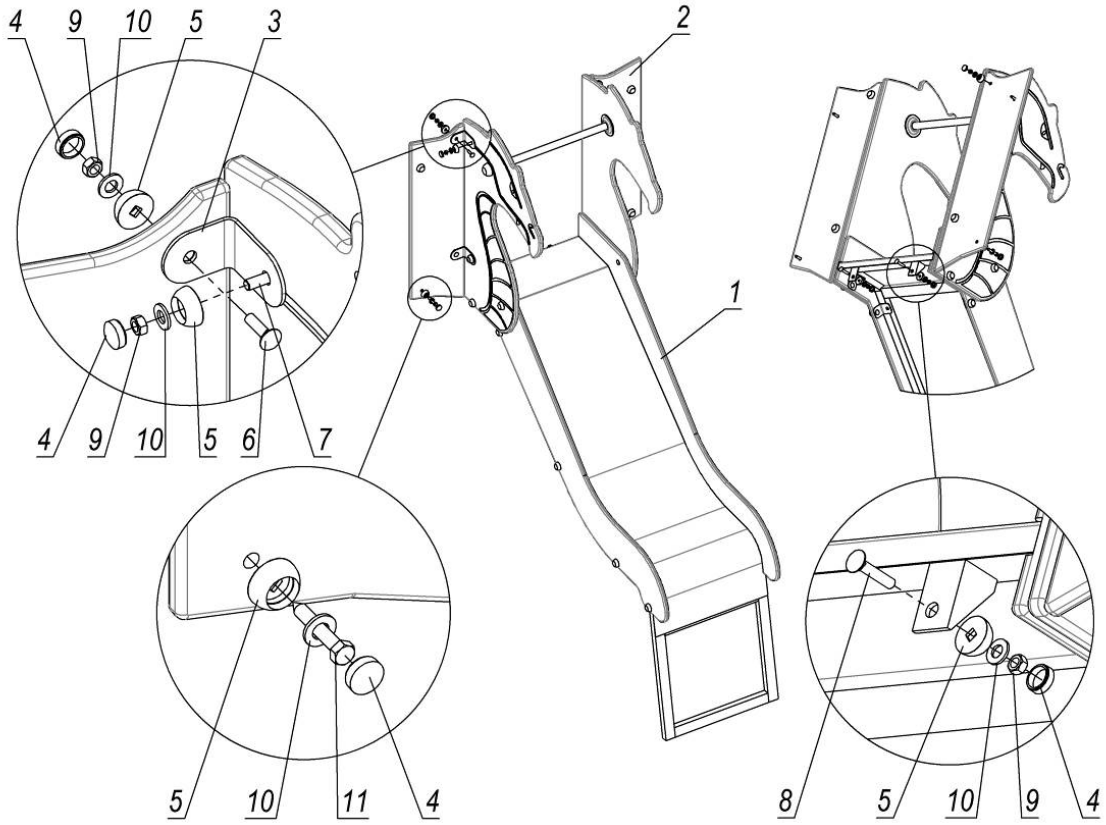
Pos.	Name	Weight, kg	Q-ty
1	Slide 2m "Fairytale"	82	1
2	Support for 2m slide	4	1
3	Fence (Blue)	2	2
4	Angle bar		4
5	Cap M8		18
6	Cup M8		18
7	Bolt M8x30 GOST7802		4
8	Bolt M8x35 GOST7802		4
9	Bolt M8x40 GOST7802		2
10	Bolt M8x65 GOST7798		2
11	Nut M8 GOST5915		12
12	Washer 10 GOST11371		18
13	Screw 8x50 GOST11473		4

Picture 19 – Completeness and assembly scheme of slide
(to the site with height of 0.7-2m above ground level)



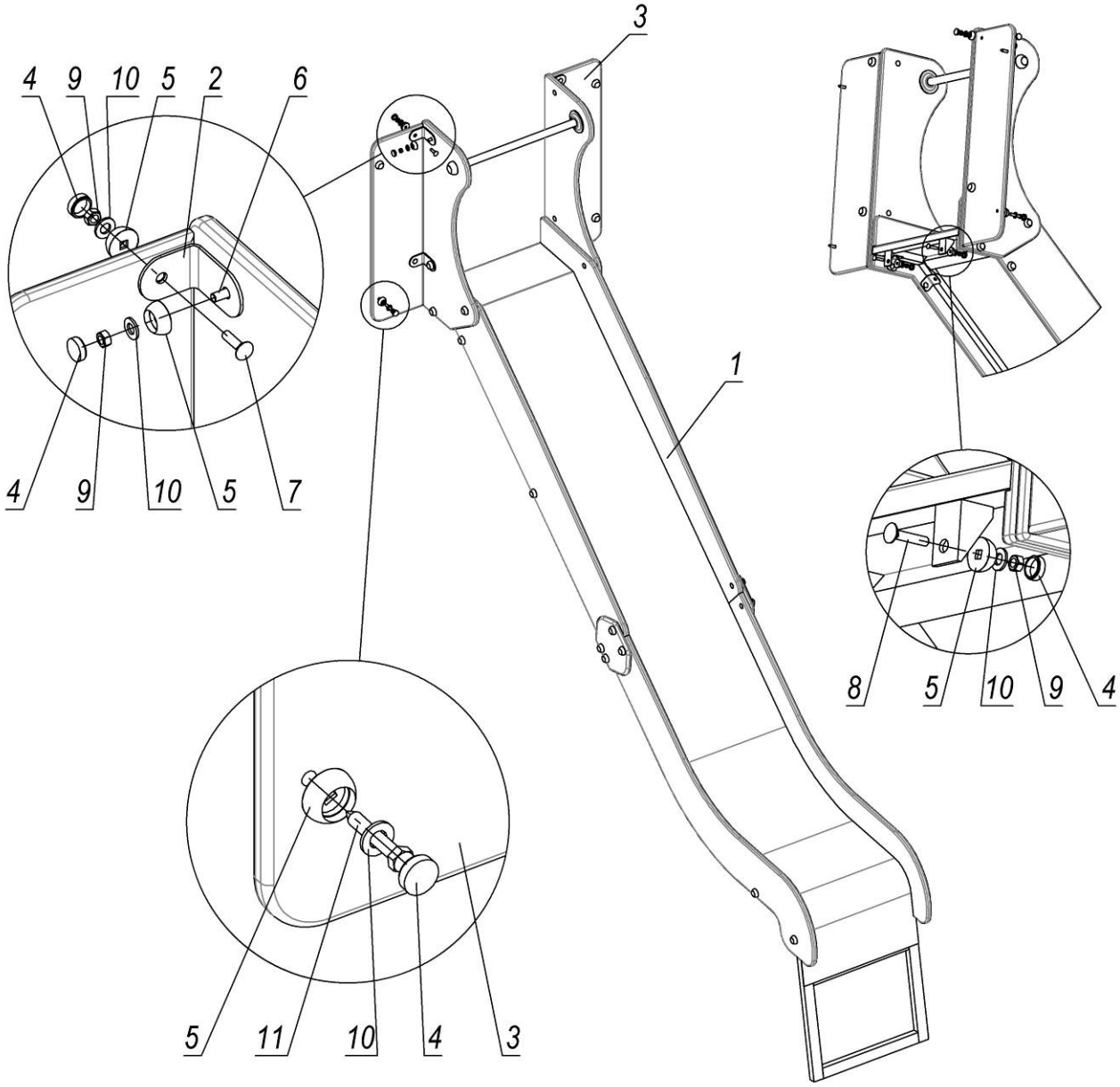
Pos.	Name	Weight, kg	Q-ty
1	Slide 0.7m "Fairytale"	39	1
2	Angle bar		4
3	Fence (Blue)	2	2
4	Cap M8		14
5	Cup M8		14
6	Bolt M8x30 GOST7802		4
7	Bolt M8x35 GOST7802		4
8	Bolt M8x40 GOST7802		2
9	Nut M8 GOST5915		10
10	Washer 10 GOST11371		14
11	Screw 8x50 GOST11473		4

Picture 20 – Completeness and assembly scheme of slide 0,7m «Fairytale»
(to the site with height of 0,7-2m above ground level)



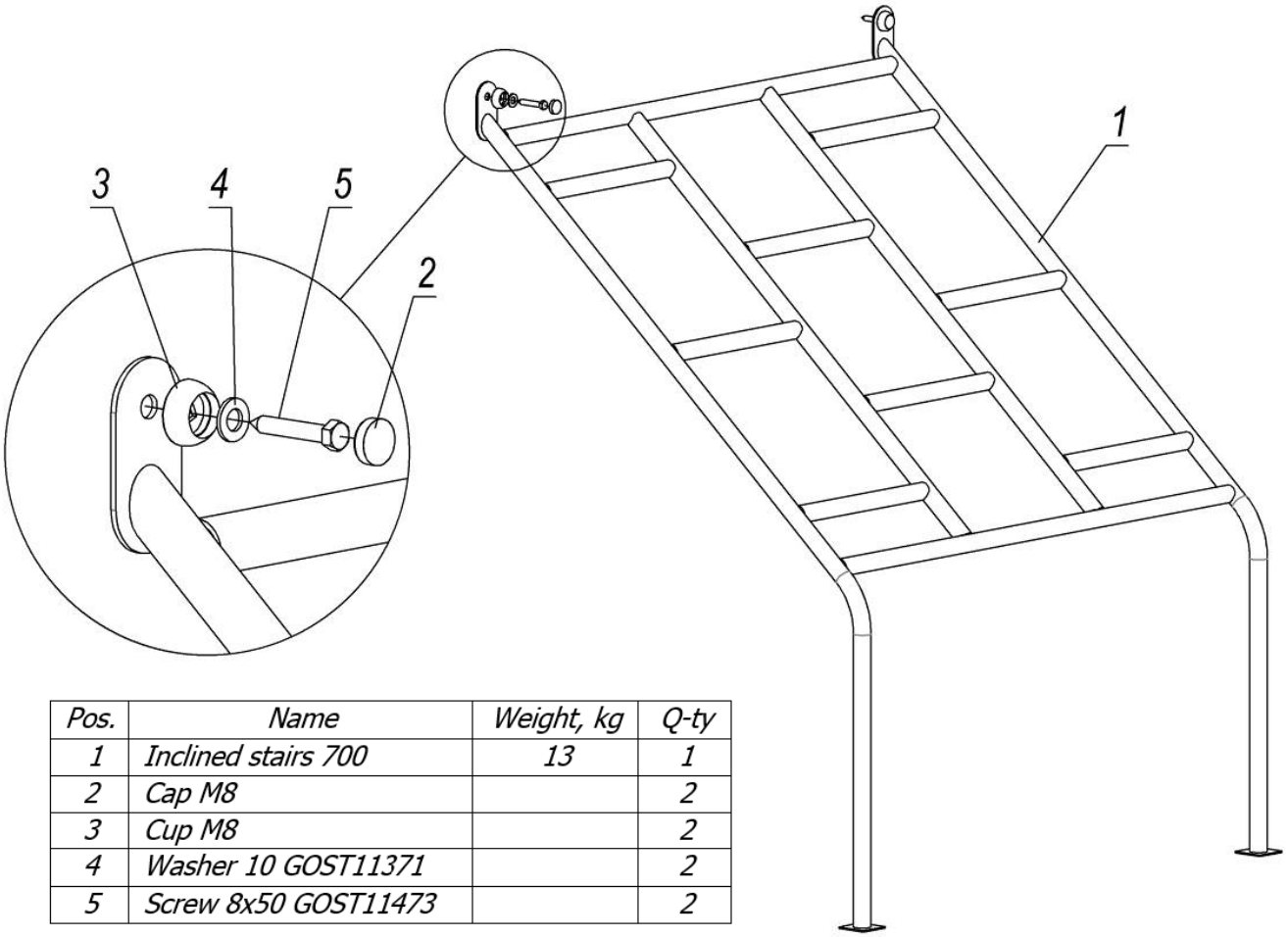
Pos.	Name	Weight, kg	Q-ty
1	Slide 0.7m "Dragon"	39	1
2	Slide fence	2	2
3	Angle bar		4
4	Cap M8		14
5	Cup M8		14
6	Bolt M8x30 GOST7802		4
7	Bolt M8x35 GOST7802		4
8	Bolt M8x40 GOST7802		2
9	Nut M8 GOST5915		10
10	Washer 10 GOST11371		14
11	Screw 8x50 GOST11473		4

Picture 21 – Completeness and assembly scheme of slide 0,7m «Dragon»
(to the site with height of 0,7-2m above ground level)



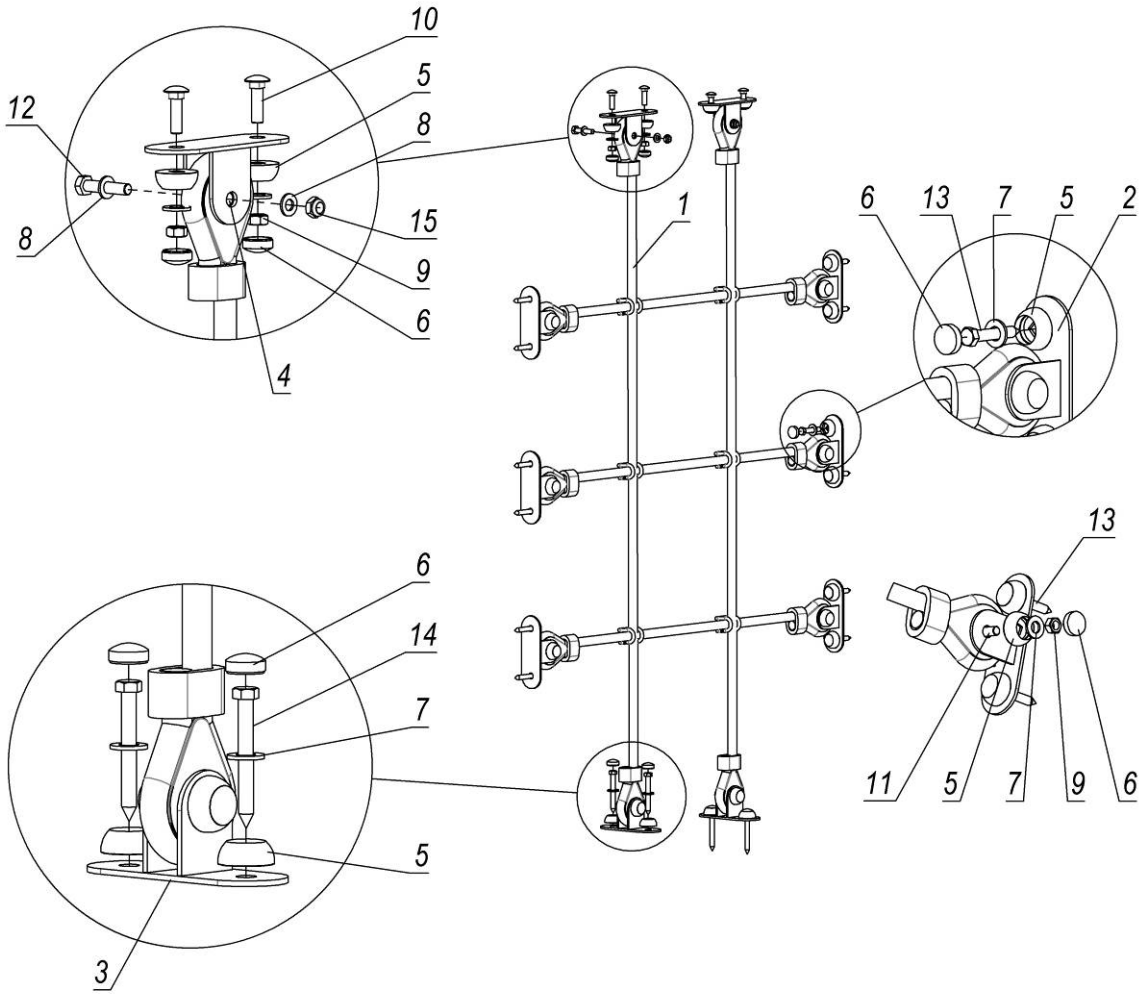
Pos.	Name	Weight, kg	Q-ty
1	Slide 1500 mm	60	1
2	Beam	2	1
3	Angle bar		4
4	Fence (Blue)	2	2
5	Cap M8		16
6	Cup M8		16
7	Bolt M8x35 GOST7802		4
8	Bolt M8x30 GOST7802		4
9	Nut M8 GOST5915		8
10	Washer 10 GOST11371		16
11	Screw 8x50 GOST11473		6
12	Screw 8x100 GOST11473		2

Picture 22 – Completeness and assembly scheme of slide 1500mm (to the site with height above ground level -1,5m 1x1)



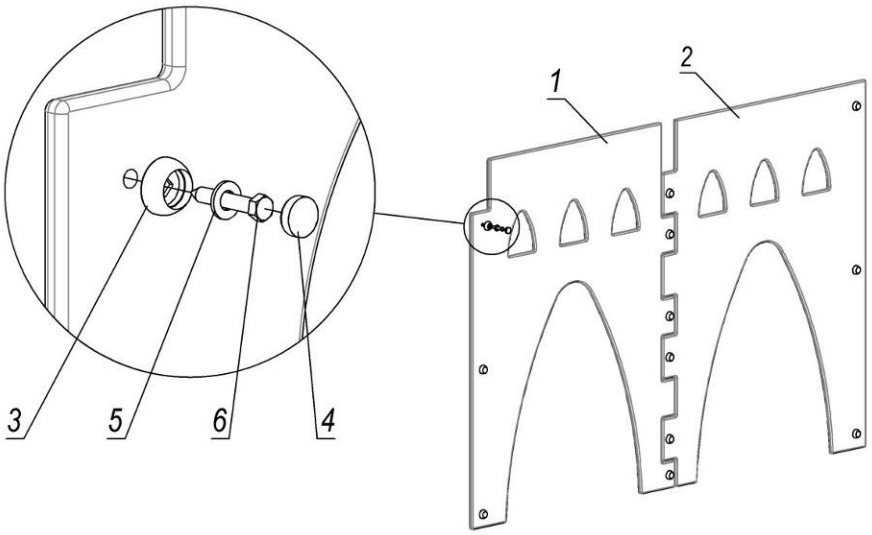
Pos.	Name	Weight, kg	Q-ty
1	Inclined stairs 700	13	1
2	Cap M8		2
3	Cup M8		2
4	Washer 10 GOST11371		2
5	Screw 8x50 GOST11473		2

Picture 23 – To the tower double (1.9x1.9m) beam 3,5 fasten inclined stairs 700:



Pos.	Name	Weight, kg	Q-ty
1	Ladder assembly	3	1
2	Bracket		8
3	Bracket		2
4	Tube d12x1.5 GOST10704, L=22mm		9
5	Cup M8		36
6	Cap M8		36
7	Washer 10 GOST11371		36
8	Washer 8 GOST11371		4
9	Nut M8 GOST5915		12
10	Bolt M8x30 GOST7802		4
11	Bolt M8x45 GOST7798		8
12	Bolt M8x40 GOST7798		2
13	Screw 8x50 GOST11473		12
14	Screw 8x70 GOST11473		4
15	Self-locking nut M8 DIN985		2

Picture 24 – Fasten rope ladder at double tower (1,9x1,9m) among beams:



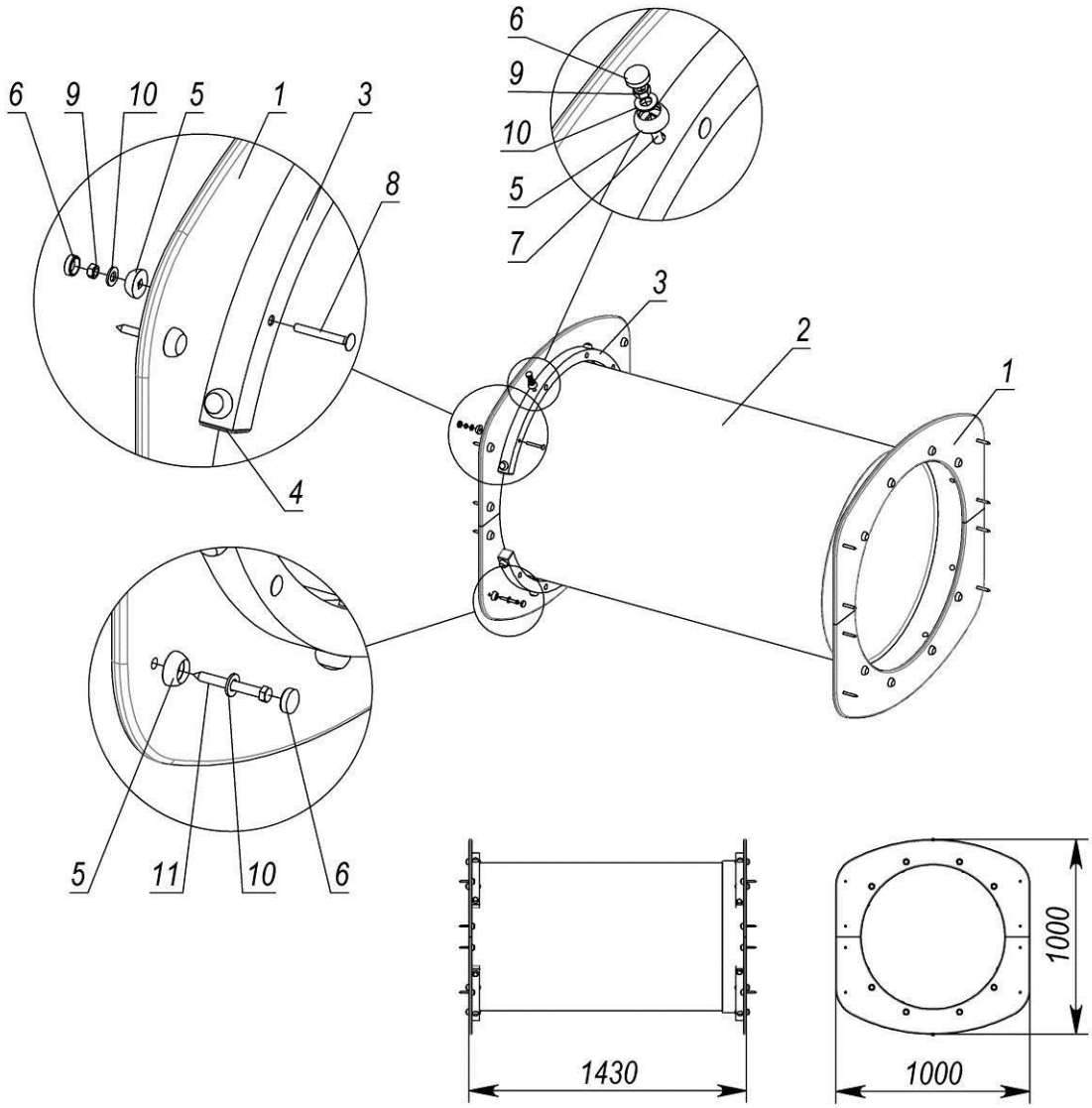
For T923

Pos.	Name	Weight, kg	Q-ty	Note
1	Wall	8	1	Lilac
2	Wall	9	1	Lilac
3	Cup M8		12	Yellow
4	Cap M8		12	Yellow
5	Washer 10 GOST11371		12	
6	Screw 8x50 GOST11473		12	

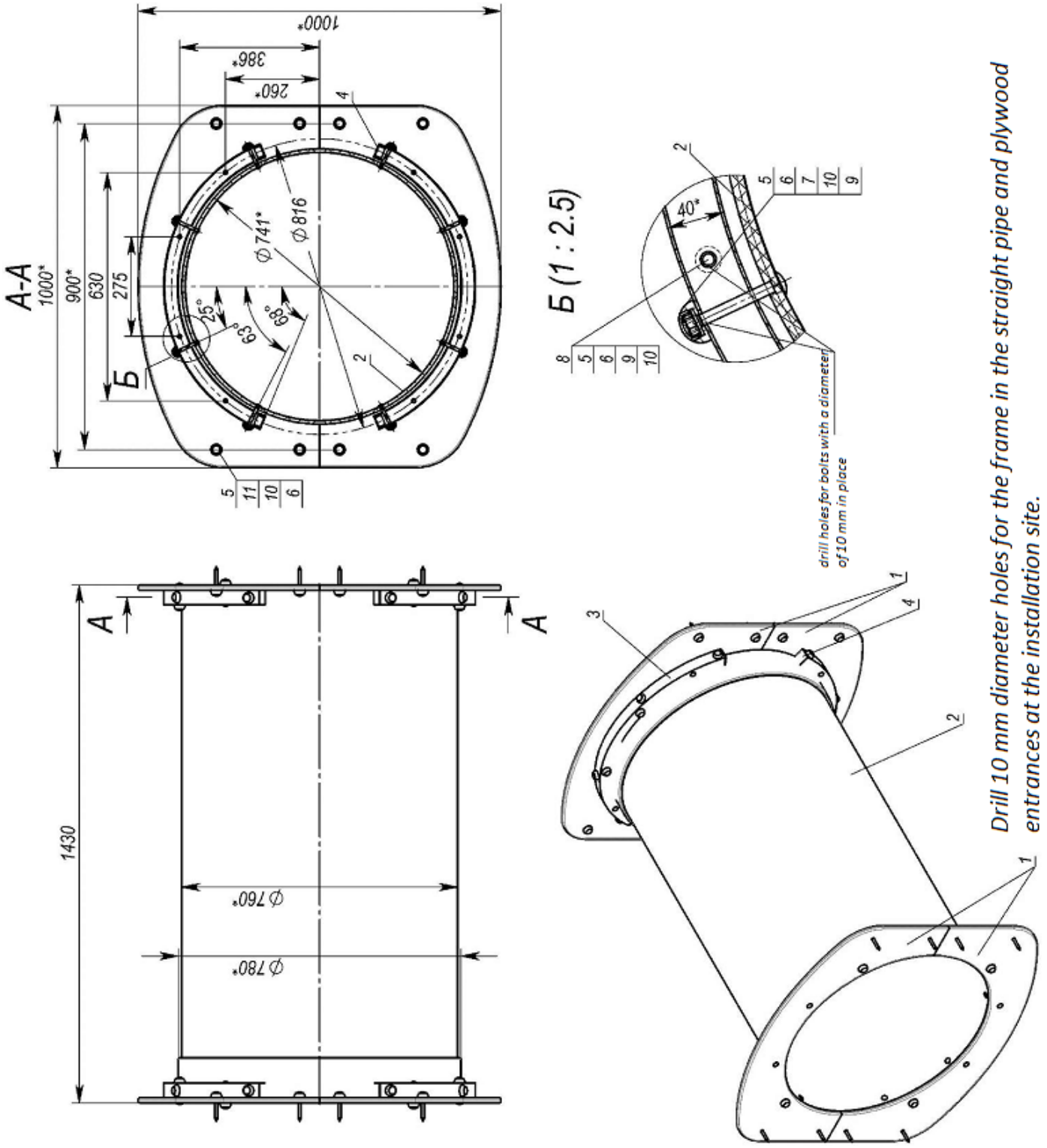
For T923.1

Pos.	Name	Weight, kg	Q-ty	Note
1	Wall	8	1	Orange
2	Wall	9	1	Orange
3	Cup M8		12	Yellow
4	Cap M8		12	Yellow
5	Washer 10 GOST11371		12	
6	Screw 8x50 GOST11473		12	

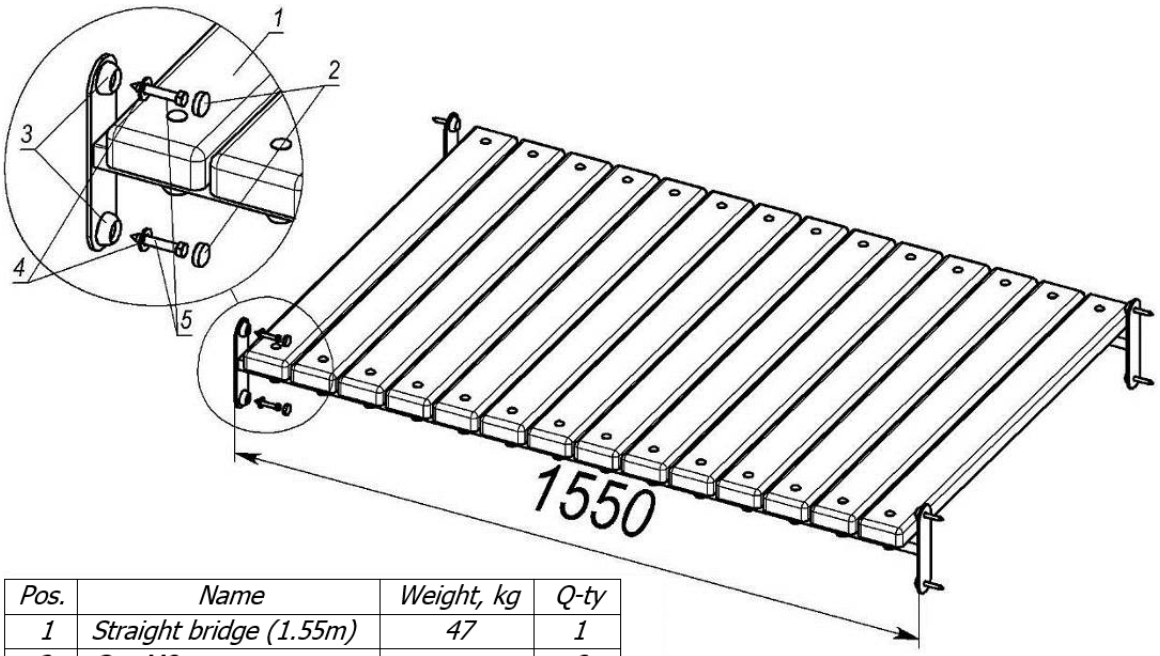
Picture 25 – Attaching the «Wall assembly» to the central tower:



Pos.	Name	Weight, kg	Q-ty	Note
1	Entrance	3	4	Blue
2	Straight tube 760	30	1	
3	Bent tube	2	4	Yellow
4	Plug 40x40		8	
5	Cup M8		48	Yellow
6	Cap M8		48	Yellow
7	Bolt M8x60 GOST7802		16	
8	Bolt M8x65 GOST7802		16	
9	Nut M8 GOST5915		32	
10	Washer 10 GOST11371		48	
11	Screw 8x70 GOST11473		16	

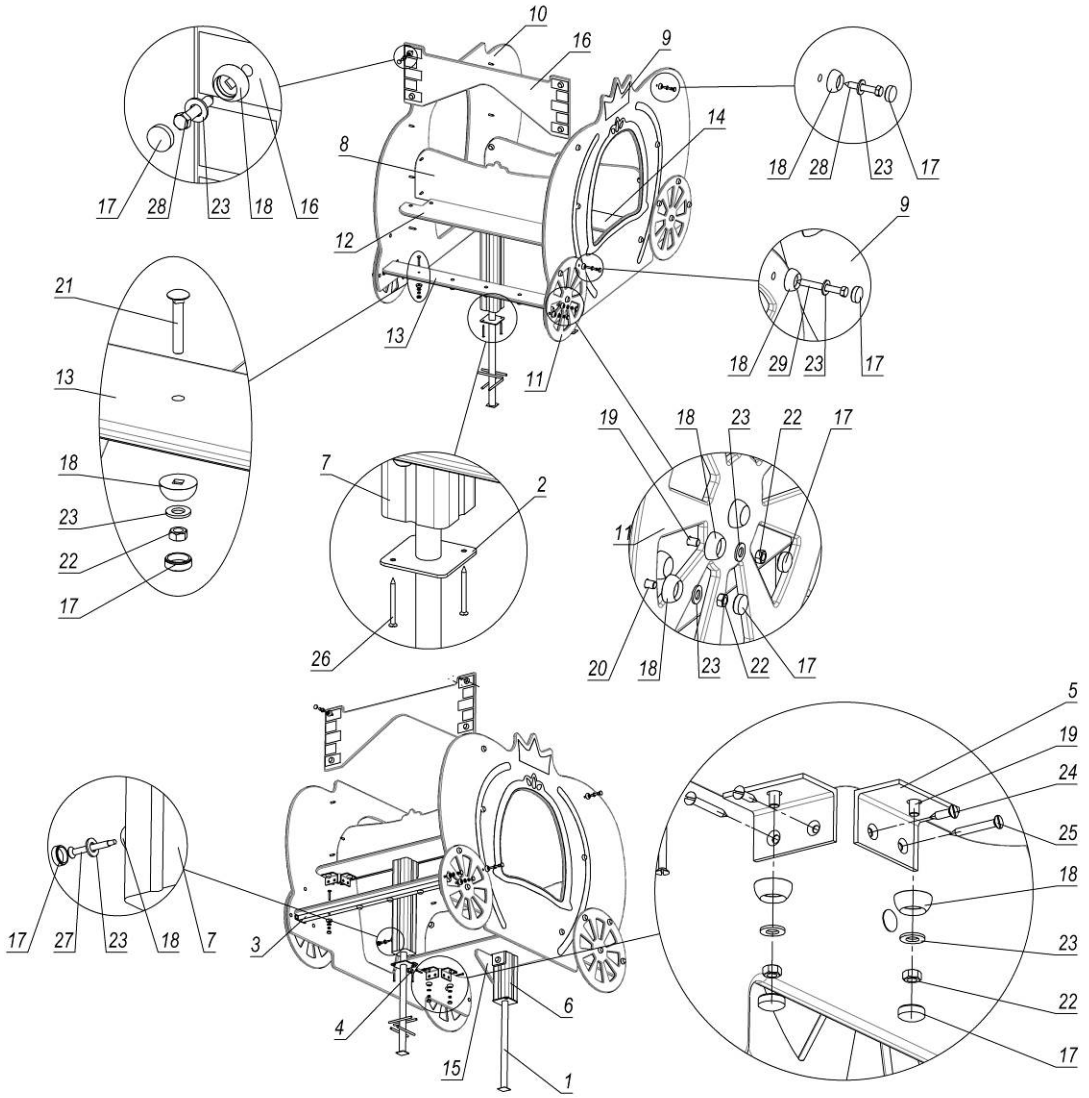


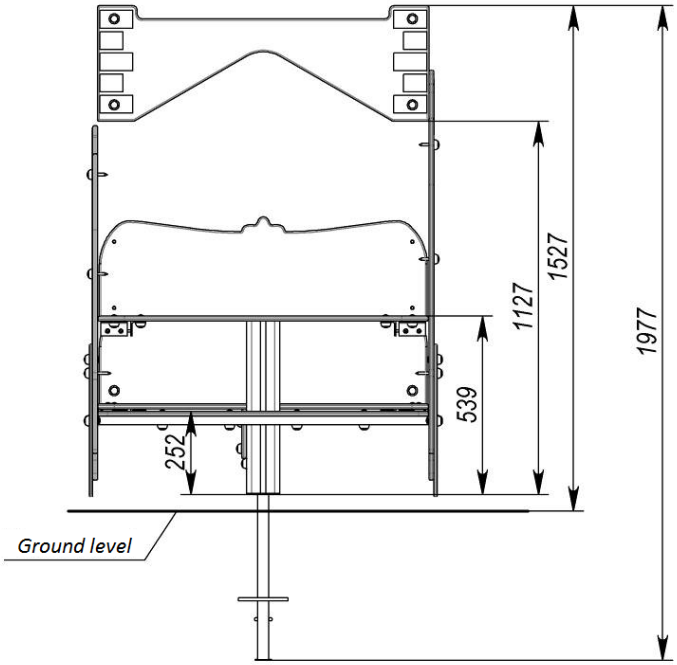
Picture 26 – Between towers 0,7-2m (beams 3,5m) and central tower 1,9x1,9m (beams 3,5m) place tunnel crossing:



Pos.	Name	Weight, kg	Q-ty
1	Straight bridge (1.55m)	47	1
2	Cap M8		8
3	Cup M8		8
4	Washer 10 GOST11371		8
5	Screw 8x50 GOST11473		8

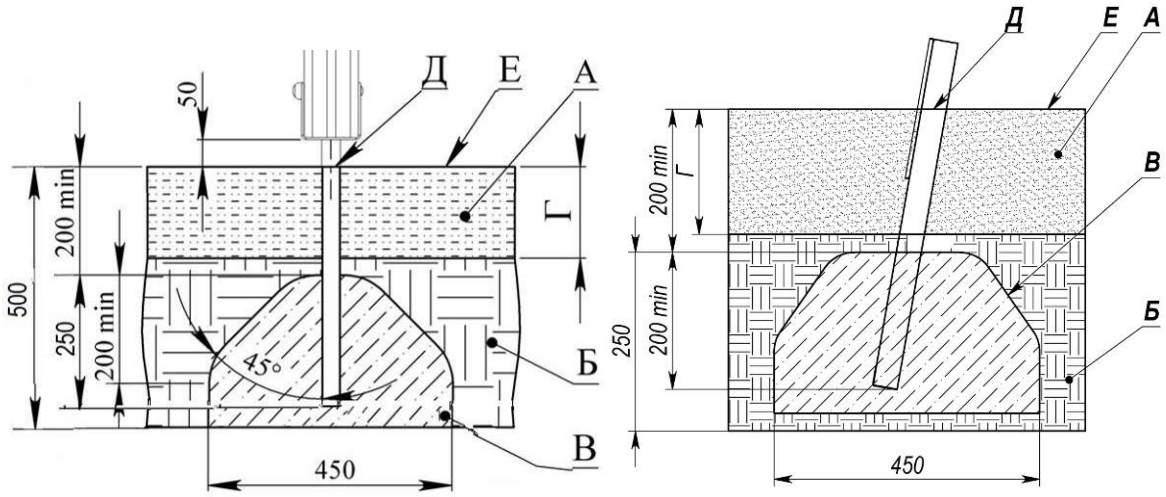
Picture 27 – Assembly scheme of straight bridge (length 1,55m)





Pos.	Name	Weight, kg	Q-ty	Note
1	Support	1	1	Brown
2	Support	2	1	Brown
3	Spacer	2	1	Orange
4	Angle 45x45x40 (90 degrees)		2	Brown
5	Big angle bar		8	Brown
6	Table support	1	1	Rosewood
7	Beam (L=520)	3	1	Rosewood
8	Backrest	3	2	Orange
9	Cover plate Carriage	16	1	Yellow
10	Cover plate Carriage	14	1	Yellow
11	Wheel		4	Brown
12	Seat	2	1	Orange
13	Footrest	2	1	Black
14	Seat	4	1	Orange
15	Angle-plate		1	Orange
16	Cover plate Carriage	3	1	Orange
17	Cap M8		62	Yellow
18	Cup M8		62	Yellow
19	Bolt M8x30 GOST7802		16	
20	Bolt M8x35 GOST7802		12	
21	Bolt M8x50 GOST7802		4	
22	Nut M8 GOST5915		32	
23	Washer 10 GOST11371		62	
24	Screw 6x25 GOST1145		8	
25	Screw 6x50 GOST1145		8	
26	Screw 6x70 GOST1145		4	
27	Screw with drill 6.3x60 DIN7504P	15	2	
28	Screw 8x50 GOST11473		24	
29	Screw 8x50 GOST11473		4	

Picture 28 – Fastening scheme of «Carriage»



For beams supports and other elements for the slides of the complex

For spiral descent

А - shock-absorbing coating;

Б – soil;

В – concrete;

Г - depth of the shock absorbing coating;

Д - product level plane;

Е – game surface.

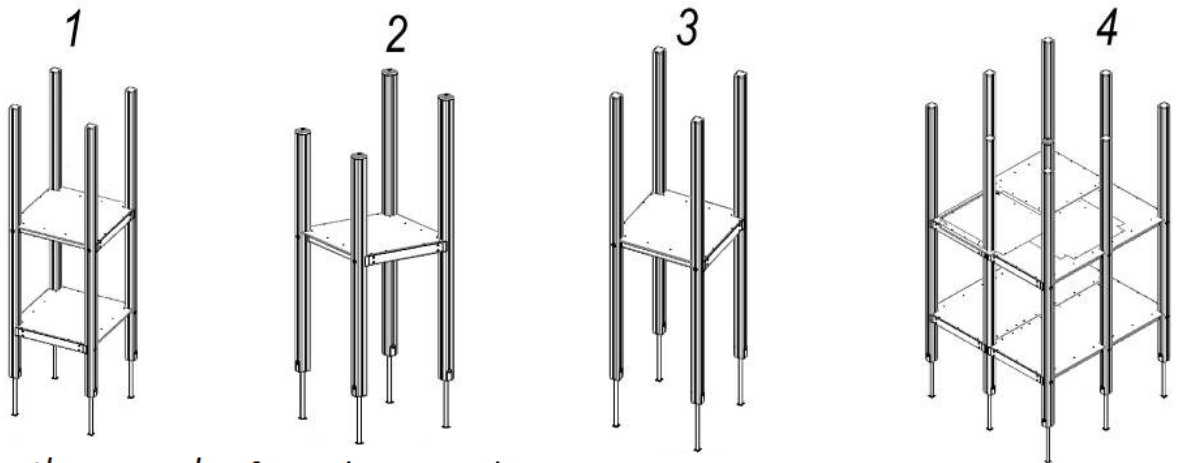
Examples of impact-absorbing coatings

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.

Picture 29 – Concreting scheme

Layout of towers

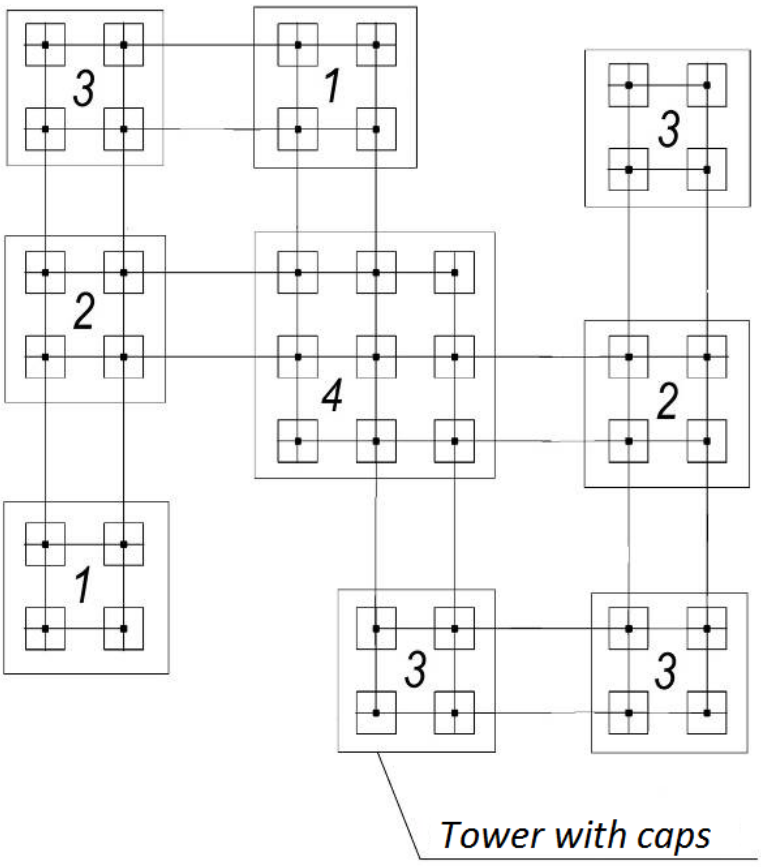


from the ground:
0.7-2 m
beam: 3.5 m

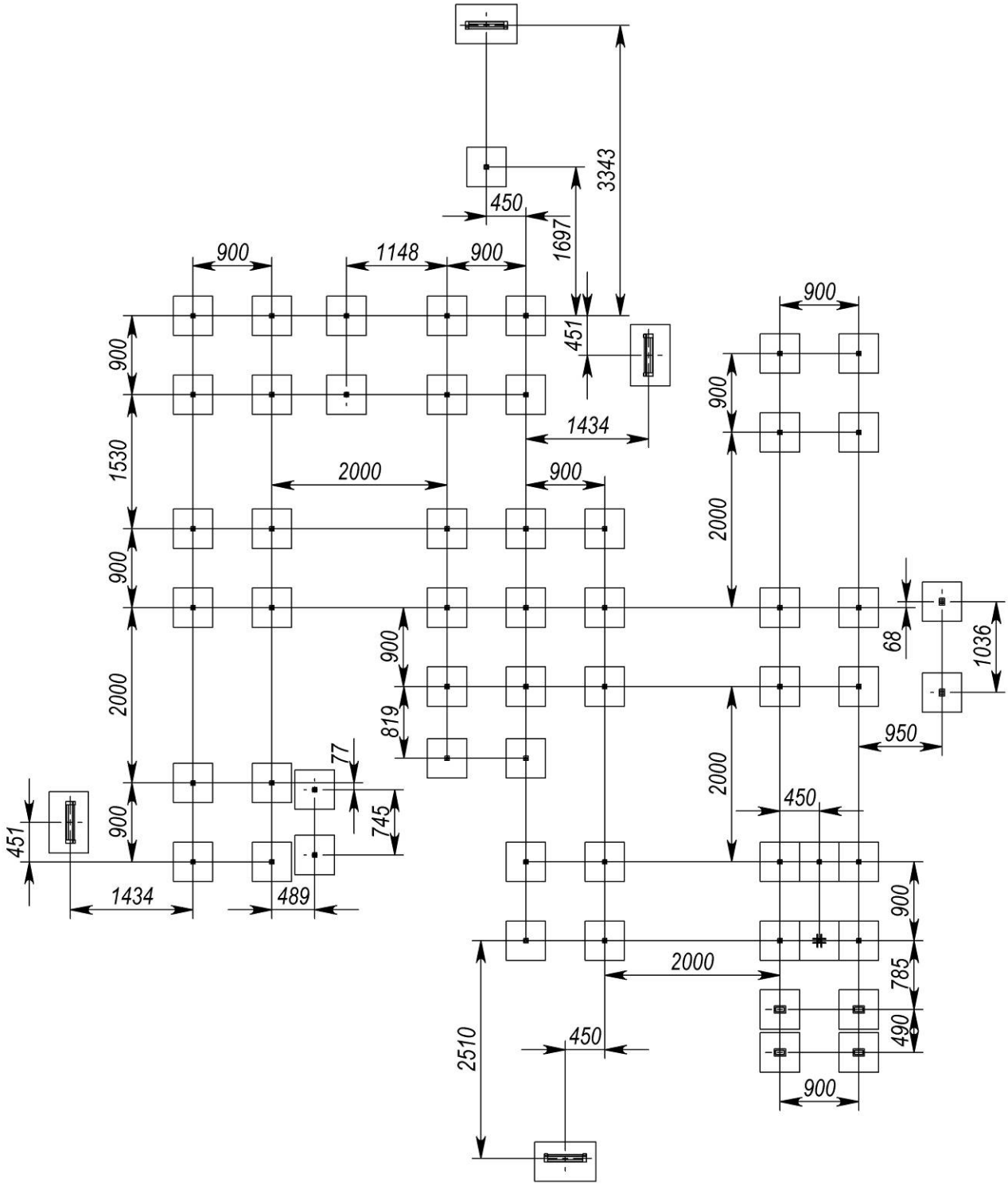
from the ground:
1.5
beam: 2.5 x 3.5

from the ground:
1.5
beam: 3.5

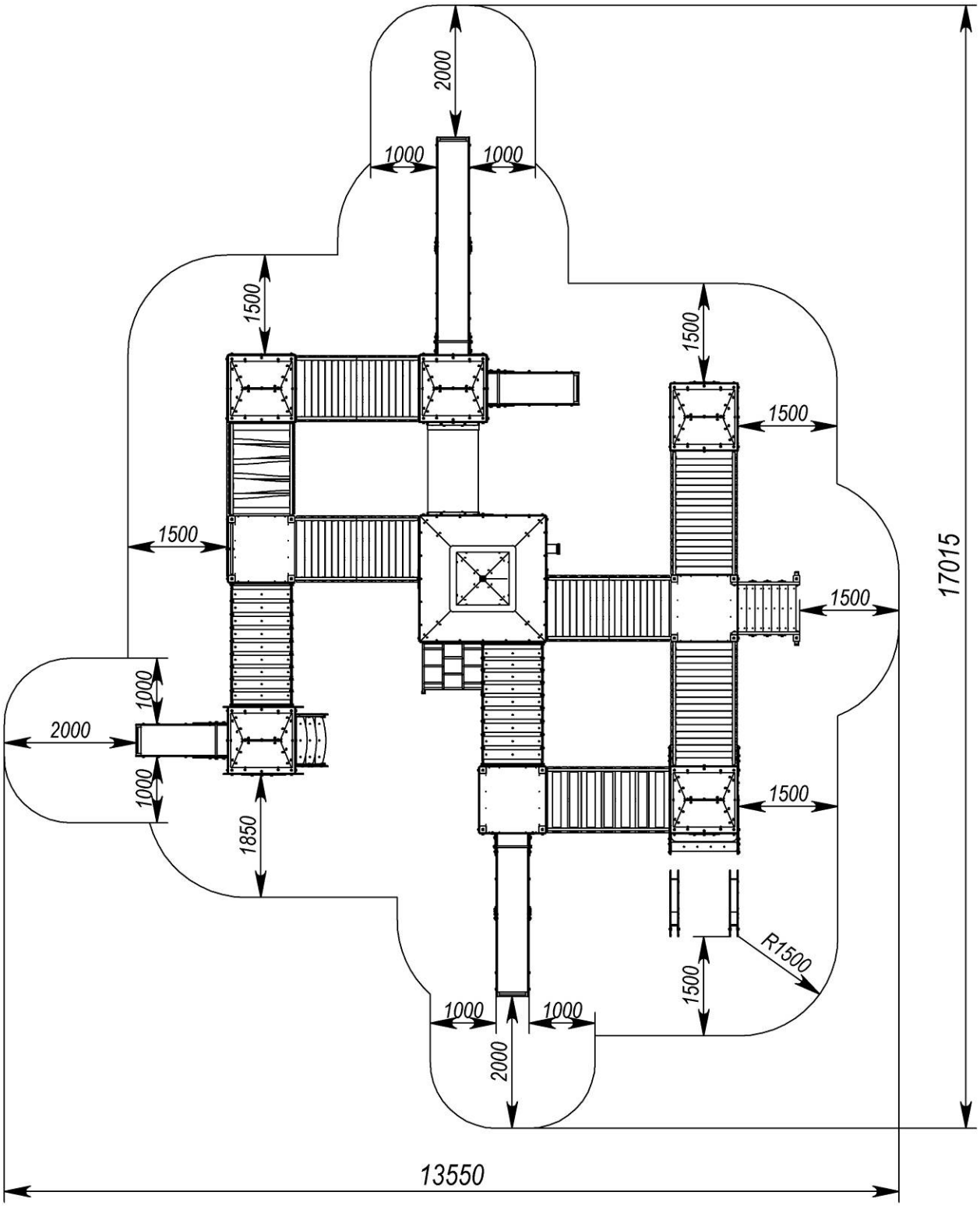
from the ground:
1.0,7-2m 1.9x1.9m
beam: 3.5



Picture 30 For T923, T923.1



Picture 31 – Layout of foundations for **T923, T923.1**



Picture 32 – Safety zone for **T923, T923.1**