

interatletika™

PRODUCTION AND SALE OF SPORTS GOODS

Customer support:

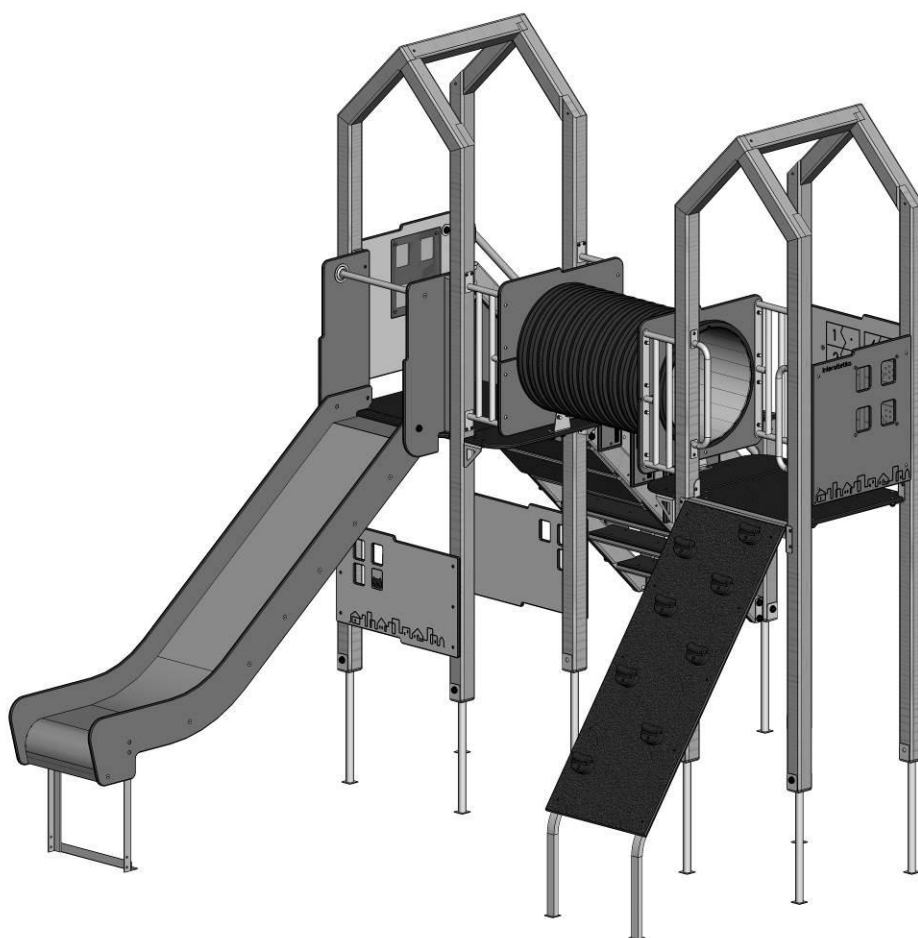
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Game Complex LK115- "Climber's House"

DATA SHEET



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1. GENERAL INFORMATION

The product is intended for children and creates conditions for:

- the child's physical development;
- development of movement coordination, overcoming fear of heights, development of dexterity and courage, a sense of collectivism in team games.

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.

2. TECHNICAL DATA

Length, mm	2800
Width, mm	4037
Height, mm	2900
Weight, kg	331
Fall height, mm	1230
Age assignments, years	from 3 to 7
Weight restrictions, kg	up to 60

3. STORAGE, TRANSPORT AND DISPOSAL INFORMATION

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

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

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

If the product needs to be stored for a long time, the following storage rules must be followed (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 properties of the product during storage.

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

- free the product from the packaging material (polyethylene, cardboard, other packaging materials);
- remove dust and other contamination from the surface of the product;
- check the completeness and absence of damage to parts.

Storage information

After the end of the equipment's service life, the buyer independently determines the procedure for its use. If you decide to dispose of it, please 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 disposal.

4. INSPECTION AND CHECK

Before starting to use the product, perform a visual inspection of it, check integrity of paint coatings, fasteners and structural strength.

In the presence of concreted supporting parts of the product, make sure that they are securely fixed and there are no movements.

Check the absence of packaging materials, construction debris and other foreign objects on the equipment and site.

Check the proper condition of impact absorbing coatings on the playground.

5. PRODUCT MAINTENANCE

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

1. Daily inspection - before using the product, check the functionality, visual inspection for the absence of breakages, damages, sharp edges on the nodes and parts, the integrity of the structure, the strength of the wooden structures and nodes connecting the elements, the absence of unnecessary items on the platforms. In the presence of product breakdowns, its complete or partial inoperability or other detected defects, the use of the product is prohibited.

2. Planned inspection - is carried out every three months.

Provides a detailed visual and operational review of the operation and stability of the equipment, especially in relation to any wear and tear.

During the verification process, the following are determined:

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

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

3. Annual inspection – conducted once every 12 months to establish the overall level of equipment safety.

In the process of visual and functional inspections, the following are determined:

- structural stability;
- the integrity of the foundation base;
- the strength of the nodes connecting the elements of the product;
- wear of sliding surfaces and grips.

Special attention should be paid to:

- assessment of the impact of weather phenomena;
- presence of rot or corrosion;
- parts closed for access during the entire period of operation.

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

Replace all failed components with parts from the manufacturer.

Independent manufacture and replacement of components and parts of equipment is prohibited.

6. SAFE OPERATION INSTRUCTIONS

WARNING! The presence of children on the equipment is allowed only under the supervision of adults.

Before the beginning of the product operation, visual inspection is carried out, attachment units and structural strength are checked..

The equipment is used on playgrounds without constant observation by operational personnel. In order to ensure the safe operation of the goods, the owner must conduct a daily visual inspection. If faults are found during the inspection, they should be immediately eliminated, and if this is not possible, the equipment should be closed to children.

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

Under the equipment of the playground with a free fall height of more than 600 mm, a shock-absorbing coating should be equipped throughout the fall zone. When the height of free fall is less than 1000 mm, an impact-absorbing coating of turf is allowed.

Examples of shock absorbing coating

Material ¹	Description	Minimum depth, mm	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 test material		Critical height of fall obtained during tests
1. Materials specially prepared for playgrounds. 2. No clay inclusions. 3. Grain size is obtained by sieving through a sieve according to DSTU EN933-1.			

WARNING! Operating the product without a shock-absorbing coating can result in significant injury in the event of a fall.

Children's playground surface materials with low impact-absorbing properties are used only outside the fall zone.

Operation of the product:

- it is recommended to show or tell children how to use the equipment;
- during use, it is recommended to hold on to the handrails, railings, handles;
- it is prohibited to use until the completion of work on its complete and final installation;
- use by users of a different age and weight category is prohibited;
- before use, it is necessary to clean the safety zone from foreign objects, sharp elements, protrusions;
- it is forbidden to move the elements of the product that are not intended for this;
- it is prohibited to operate in difficult weather conditions (ice, snowfall, rain, hail, strong wind, etc.) in which there is a possibility of injury to the child.

The manufacturer is not responsible for the consequences:

- low-quality and improper installation of the product;

- use of low-quality materials and improper qualification of personnel when installing the product;
- operation of the product earlier than the time necessary to fix the product in the soil or other material;
- structural changes to the product that caused injuries;
- lack of proper supervision by adults;
- 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.

7. INSTALLATION INSTRUCTIONS

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

The installation of the product is carried out on a prepared, level site, free of garbage, plantings and other obstacles that interfere with the installation (when installing in the winter period, the site must also be free of snow). The required size of the site is determined by the fall zone of the equipment. When installing in the winter period on a natural foundation, it is recommended to choose a site with compacted soil in the area where the foundations are placed.

The height difference of the prepared site should be:

a) no more than 50 mm for natural foundations, including foundations with the subsequent installation of a shock-absorbing coating.

b) no more than 10 mm for solid bases (asphalt, concrete), including for bases with the subsequent application of a synthetic protective coating.

Before starting the installation, you must:

- study the documentation supplied with the product;
- check the completeness according to the documents supplied with the product;
- remove the factory packaging from the components;
- comply with safety requirements.

To avoid cracking of the wood, for screws with a diameter of more than 4 mm, holes with a diameter of 0.6..0.7 diameter should be drilled to a depth of 0.8 of its length.

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

Install the product step by step, following the instructions in the Appendix.

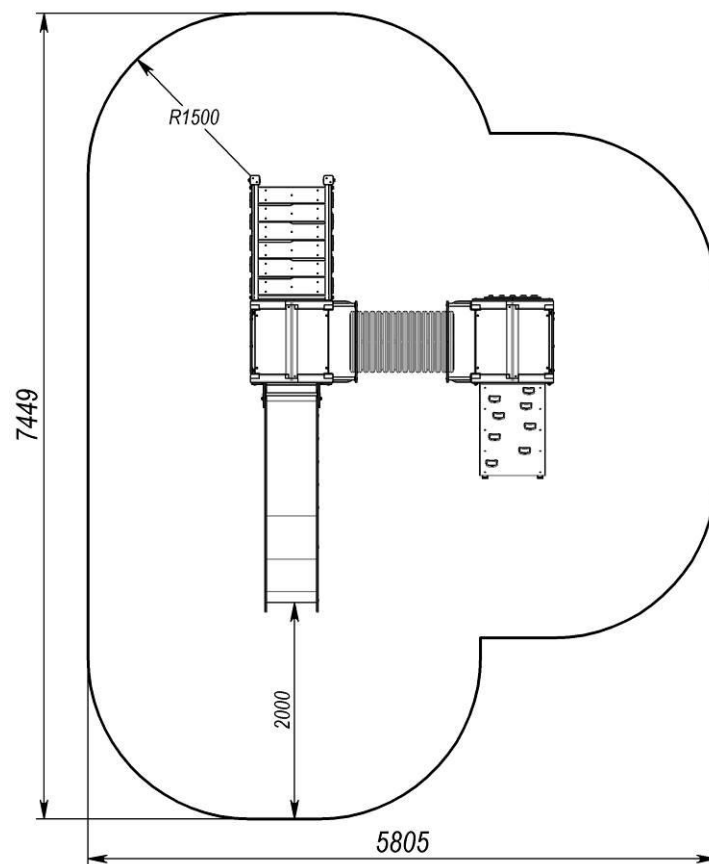


Figure 1 - Landing area

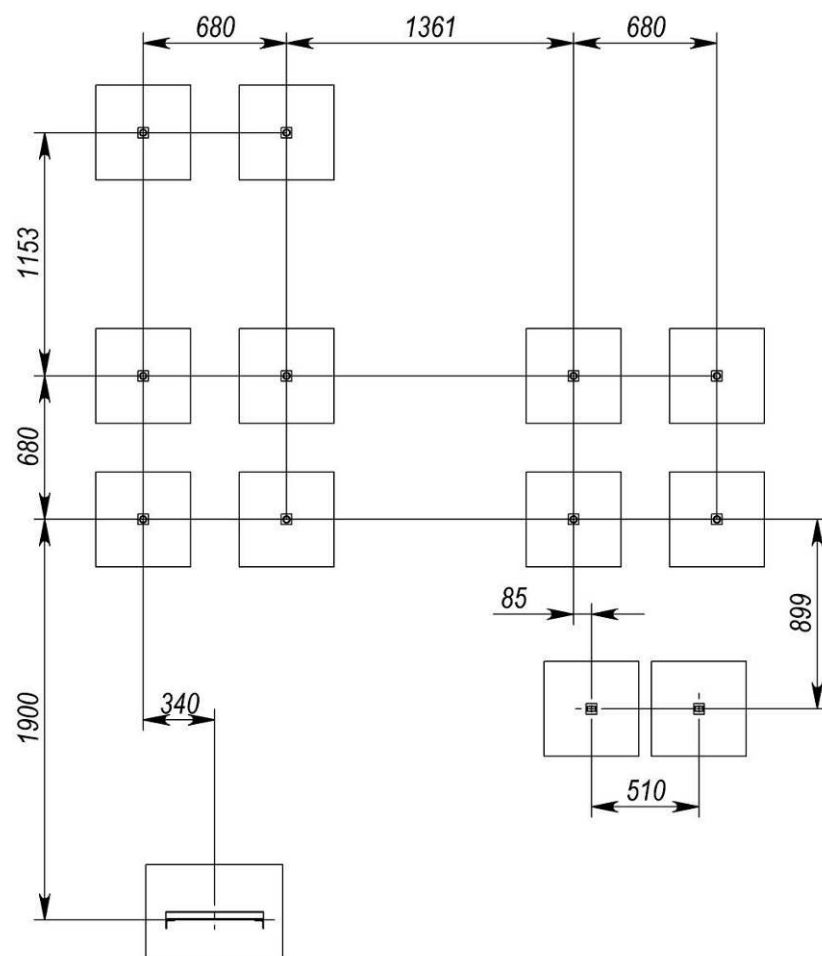
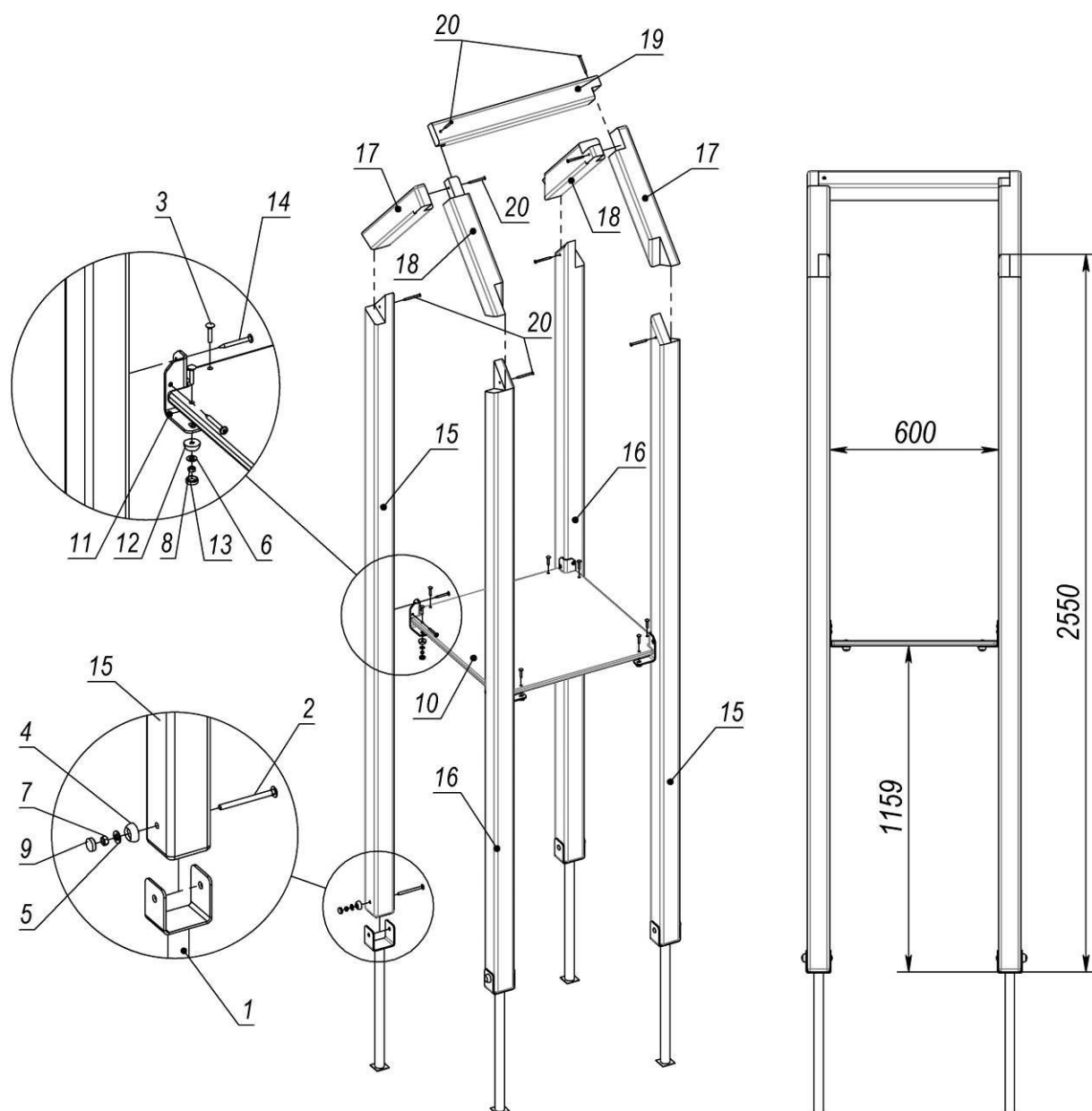
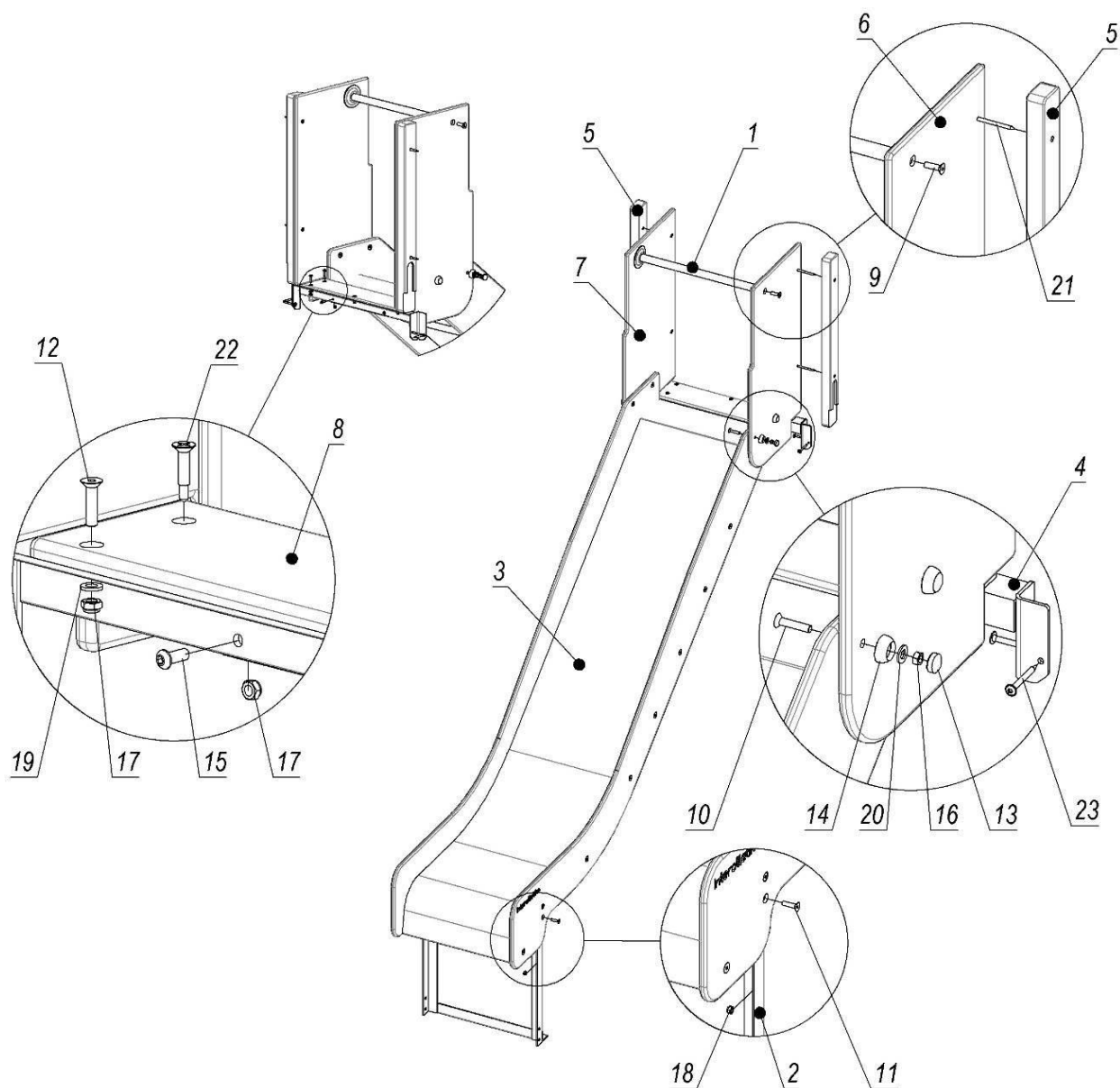


Figure 2 - Foundation location scheme



Pos.	Name	Weight, kg	Q-ty	Pos.	Name	Weight, kg	Q-ty
1	Embedded element	2	4	11	Platform bracket		4
2	Bolt M8*100 GOST7802		4	12	Cup M6		8
3	Bolt M6*30 GOST7802		8	13	Cap M6		8
4	Cup M8		4	14	Screw nail 6,0*60 SPAX T-STAR plus with a pressure pad (universal)		8
5	Washer 10 GOST11371		4				
6	Washer 8 GOST11371		8	15	Rack 2,55m	9	2
7	Nut M8 GOST5915		4	16	Rack 2,55m	9	2
8	Nut M6 GOST5915		8	17	Front pediment	2	2
9	Cap M8		4	18	Back pediment	2	2
10	Site (0,68*0,68)	6	1	19	Bar 0,68m	2	1
				20	Screw nail 6*70 GOST1145		8

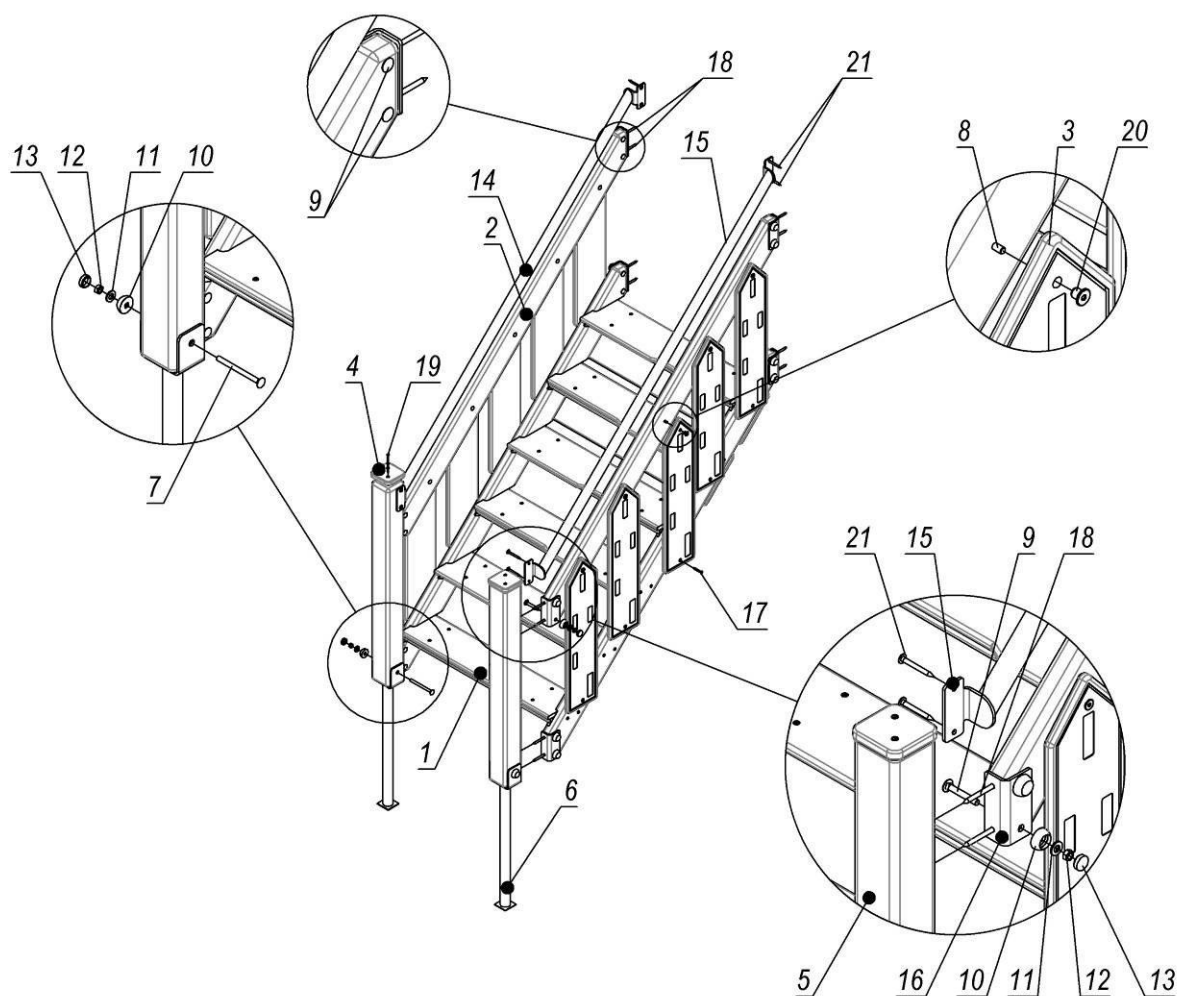
Figure 3 – Assembly diagram of the 1.23m tower



Pos.	Name	Weight, kg	Q-ty
1	Brace rod 493 mm	1	1
2	Slide slip (angle)	5	1
3	Slide 1,2m	34	1
4	Slide support	2	1
5	Lining of the slide		2
6	Upper right sidepart	4	1
7	Upper left sidepart	4	1
8	Cover plate		1
9	Stud M10*35 DIN7991	26	2
10	Stud M8*40 DIN7991	18	4
11	Stud M8*30 DIN7991	14	4
12	Stud M6*25 DIN7991	6	3

Pos.	Name	Weight, kg	Q-ty
13	Cap M8		4
14	Cup M8		4
15	Stud M6*16 ISO7380		2
16	Nut M8 GOST5915		4
17	Nut M6 DIN985		5
18	Nut M8 DIN985		4
19	Washer 6 GOST11371		3
20	Washer 10 GOST11371		4
21	Washer 6*90 GOST1145		4
22	Screw with a drill 6,3*32 DIN7504P	7	2
23	Screw 6,0*60 SPAX T-STAR plus with a pressure pad (universal)		4

Figure 4 - Slide assembly diagram 1.2m



Pos.	Name	Weight, kg	Q-ty
1	Stairs	26	1
2	Lower handrail	3	2
3	Sidewall of stairs	1	10
4	Cap on bar		2
5	Rack 0,9m	3	2
6	Embedded element	2	2
7	Bolt M8*100 GOST7802		2
8	Bolt M6*50 GOST7802		10
9	Bolt M8*55 GOST7802		16
10	Cup M8		18
11	Washer 10 GOST11371		18
12	Nut M8 GOST5915		18
13	Cap M8		18
14	Handrail (Mini)	4	1
15	Handrail (Mini)	4	1
16	Stair bracket		8
17	Screw nail 5*40 GOST1145		9
18	Screw nail 6*60 GOST1145		16
19	Screw nail 4*40 GOST1145		4
20	Erickson nut RF M6*10*15*9		10
21	Screw nail 6,0*60 SPAX T-STAR plus (universal)		8

Figure 5 - Ladder assembly diagram

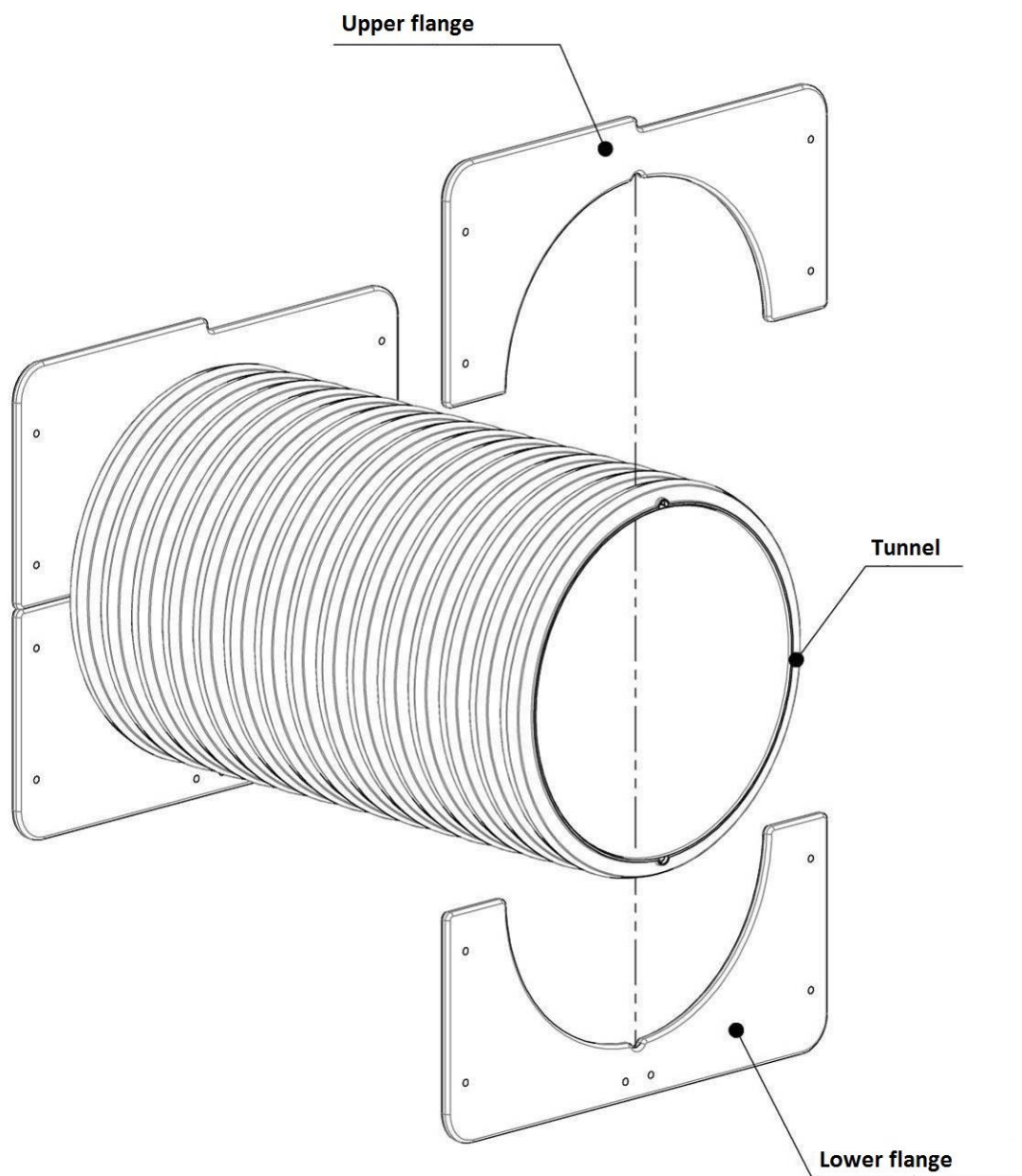
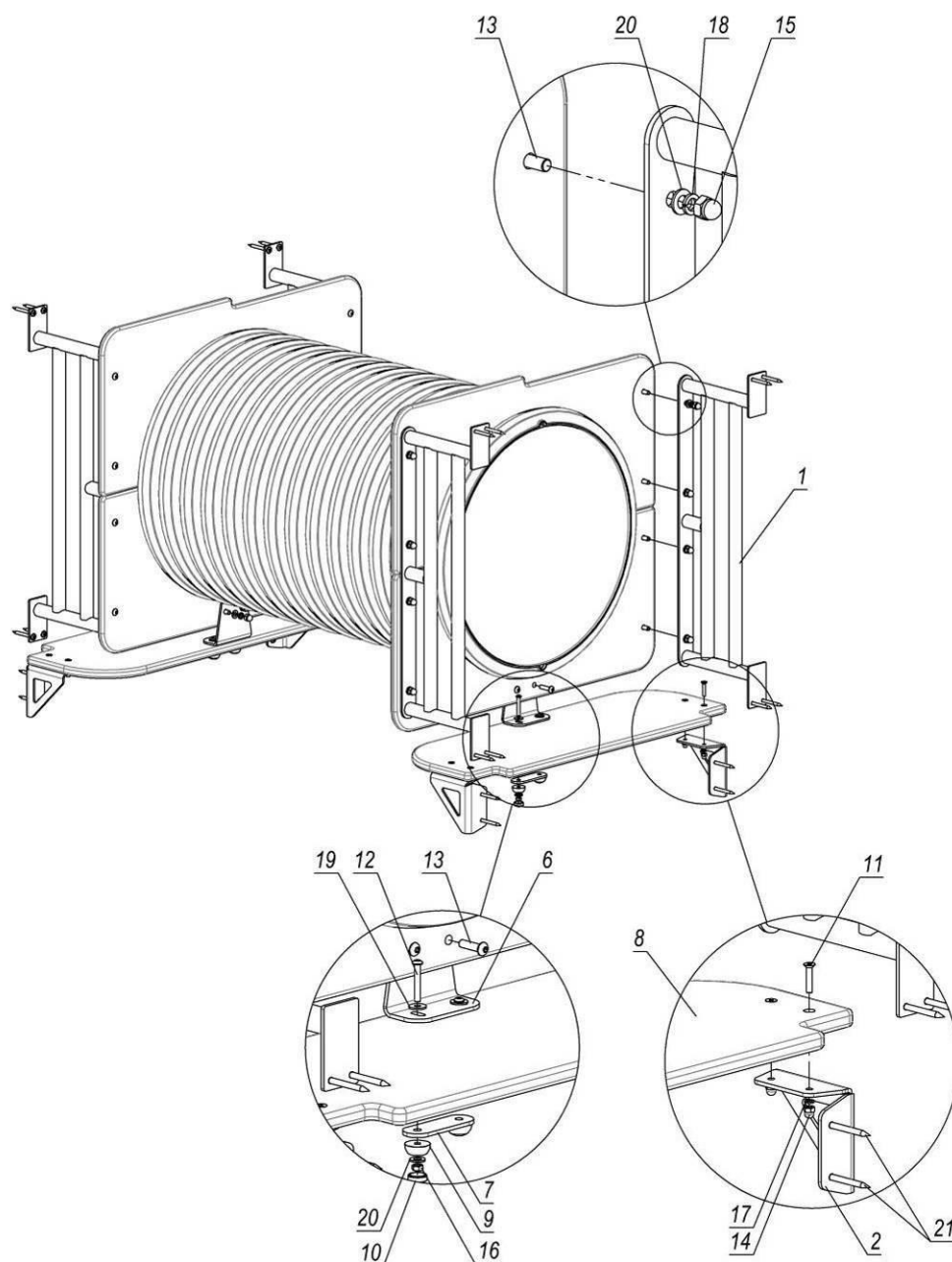
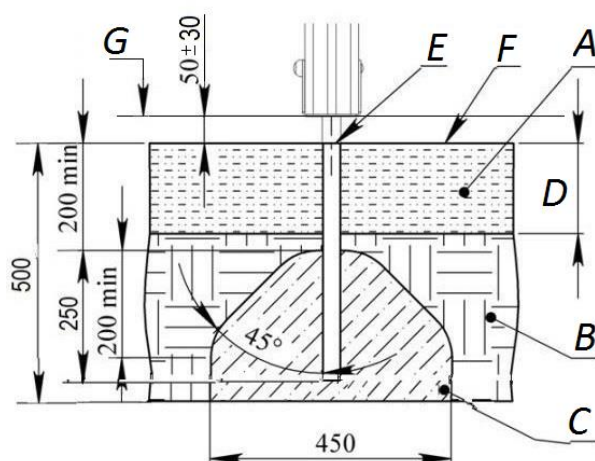


Figure 6 – Diagram of the assembly of the tunnel transition

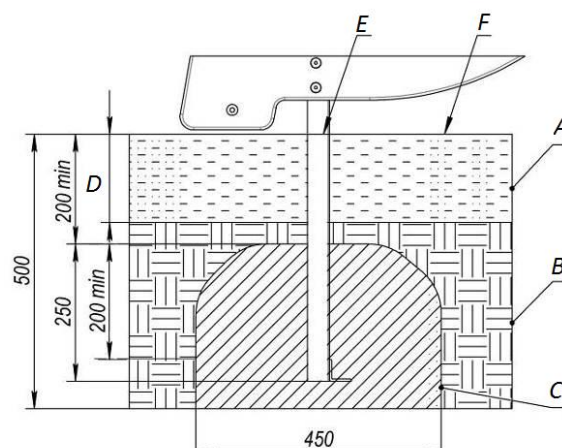


Pos.	Name	Weight	Q-ty
1	Sidewall of tunnel	3	4
2	Table angle bar		4
3	Tunnel	9	1
4	Upper flange	2	2
5	Lower flange	2	2
6	Angle bar	.	2
7	Flange 4*30*90mm		2
8	Balcony floor 0,72m	2	2
9	Cup M6		4
10	Cap M6		4
11	Stud M6*30 DIN7991		8
12	Stud M6*40 ISO7380		4
13	Stud M8*30 ISO7380		20
14	Cap nut M6 DIN1587		8
15	Cap nut M8 DIN1587		20
16	Nut M6 GOST5915		4
17	Washer 6 GOST6402		8
18	Washer 8 GOST6402		20
19	Washer 6 GOST6958		4
20	Washer 8 GOST11371		24
21	Screw 6,0*60 SPAX T-STAR plus (universal)		24

Figure 6.1 - Tunnel crossing assembly diagram



For beam supports and other elements



for the slides of the complex

- A - shock absorbing coating
- B - soil
- C - concrete
- D - depth of impact-absorbing coating
- E - product level plane
- F - playing surface
- G - thread

An example of a shock-absorbing coating

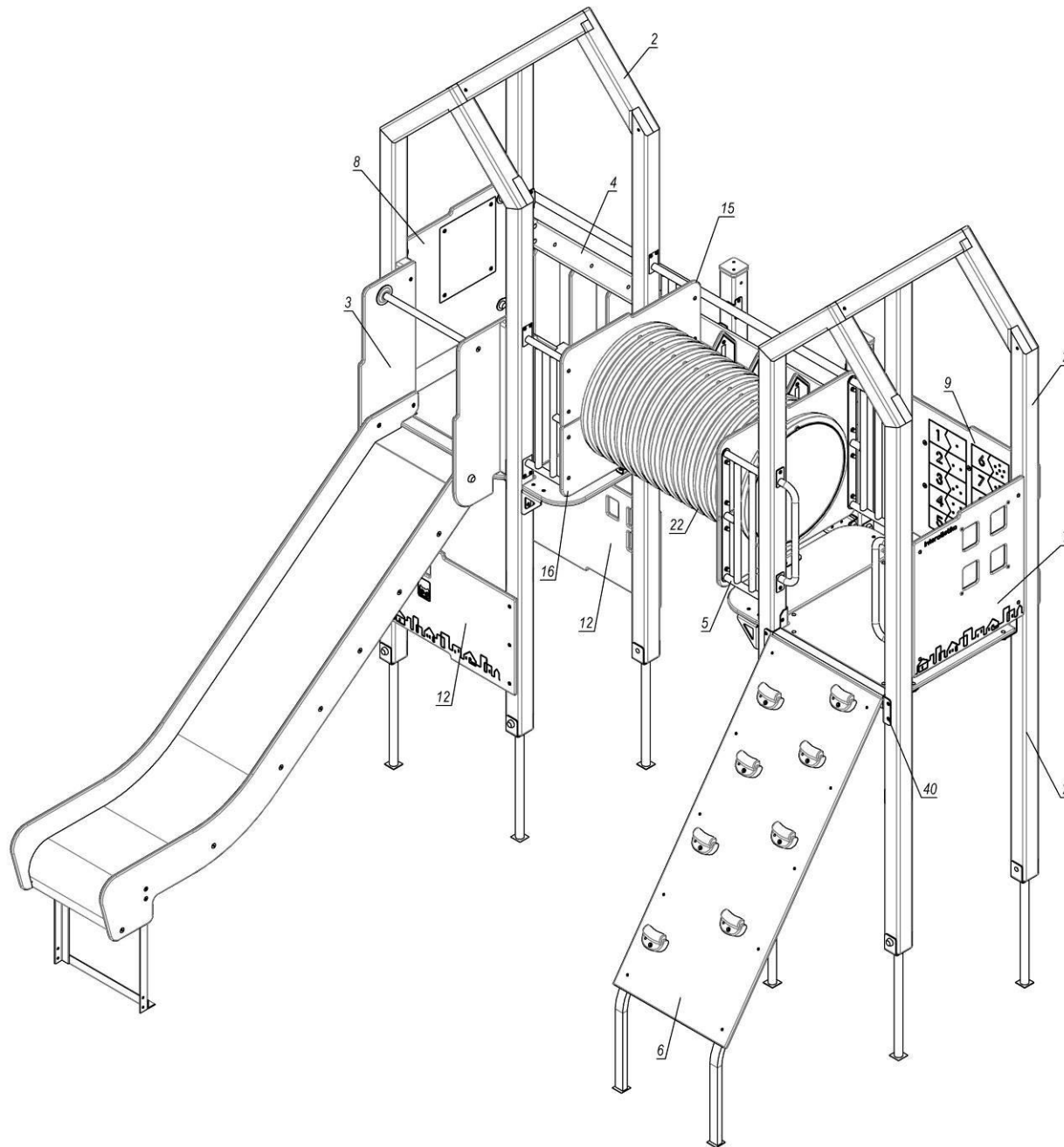
Material 1	Description	Minimum depth mm	Fall height, mm
Turf			≤1000
Tree bark	grain size 20-80 mm	200	≤2000
		300	≤3000
Sawdust	grain size 5-30 mm	200	≤2000
		300	≤3000
Sand ²	grain size 0,2-2 mm	200	≤2000
		300	≤3000
Gravel ²	grain size 2-8 mm	200	≤2000
		300	≤3000
Other material	Tested on NIS according to EN 1177	According to the test	According to the test

1. Materials specially prepared for children's playgrounds

2. There should be no clay inclusions. The grain size is obtained by sieving through a sieve, as in EN 933-1

Figure 7 - Scheme of concreting

Appendix



Pos.	Name	Weight	Q-ty
1	Handle		2
2	Tower 1,23m	61	2
3	Slide 1,2m - 38 deg. assembled	49	1
4	Wooden stairs 1,2m assembled	64	1
5	Sidewall of tunnel	3	4
6	Shield climber	24	1
7	Panel 0,6m "Window" on the right	5	1
8	Panel 0,6m "Window" on the left	5	1
9	Game panel "School"	8	1
10	Corner bracket 40*60		8
11	Table angle bar		4
12	Coverings (0,45*0,74)	4	2
13	Pallet coverings (0,17*0,6)	1	1
14	Angle bar 130mm		2
15	Upper flange	2	2
16	Lower flange	2	2
17	Angle bar		2
18	Flange 4*30*90mm		2
19	Balcony floor 0,72m	3	2
20	Cup M6		4
21	Cap M6		4
22	Tunnel	9	1
23	Cap M8		8
24	Cup M8		8
25	Stud M6*25 ISO7380		4
26	Stud M6*30 DIN7991		8
27	Stud M6*40 ISO7380		4
28	Stud M8*30 ISO7380		28
29	Nut M6 GOST5915		4
30	Nut M8 GOST5915		8
31	Cap nut M6 DIN1587		12
32	Cap nut M8 DIN1587		20
33	Washer 10 GOST11371		8
34	Screw nail 4*40 GOST1145		16
35	Screw nail 4*50 GOST1145		4
36	Washer 6 GOST6402		8
37	Washer 6 GOST6958		4
38	Washer 8 GOST6402		20
39	Washer 8 GOST11371		24
40	Screw nail 6,0*60 SPAX T-STAR plus (univer.)		54

Figure 8

