

interatletika™

PRODUCTION AND SALE OF SPORTS GOODS

Customer support:

+38 095 273 81 53

play.interatletika.com

DATASHEET

Game complex LK101



CONTENT

1. GENERAL INFORMATION.....	3
2. PRODUCT ASSEMBLY AND INSTALLATION PROCEDURE.....	3
3. PRODUCT USE	3
4. PRODUCT MAINTENANCE.....	3
5. SPECIFICATIONS AND ASSEMBLY DIAGRAMS	4

1. GENERAL INFORMATION

Purpose and content of this document. This document contains a general description, installation information, use of the product as intended, maintenance, routine repairs, and manufacturer's guarantees.

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 it applies to such modified products.

2. PRODUCT ASSEMBLY AND INSTALLATION PROCEDURE

Tools and accessories. The product kit does not include the tool required for installation.

The order of assembly and installation of the product.

- 1) 1) Mark the territory as indicated on the foundation layout diagram.
- 2) 2) Dig notches for installation of embedded parts and attachment elements. The depth of the grooves should be leveled by deepening them or filling them with crushed stone.
- 3) 3) Assemble and install the equipment in accordance with the assembly diagrams - chapter 7.
- 4) 4) Concrete embedded parts and support structures of attached elements. When installing the product on sandy soil, the overall dimensions of the grooves should be increased by 15-20%.

To avoid wood cracking, 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.

3 PRODUCT USE

It is forbidden to use the product until the work on its complete and final installation is completed.

The use of the product by users of a different age and weight category is prohibited.

Before using the product, it is necessary to clear the safety zone from unnecessary objects that may harm the user (garbage, tools left after assembly and installation, etc.).

It is forbidden to use the product in adverse weather conditions (icy, snowfall, rain, hail, strong wind, etc.), in which there is a possibility of injury to the user.

4 PRODUCT MAINTENANCE

You have purchased 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, which regulate the production of children's play equipment, were taken into account. However, it should not be forgotten that certain rules and requirements must be observed when operating any technical product. Despite the fact that our product is of high quality and reliability, this rule applies to it in its entirety. You should be aware that the following rules and recommendations for product maintenance are aimed at ensuring that your child, the child of your friends or acquaintances is safe and that no unforeseen factors threaten their health or life.

Remember that the operation of the product is accompanied by the impact on it of various negative factors, the full list of which is impossible to predict. Among them, natural factors and factors caused by human influence on equipment occupy an important place. Usually, at first their action leads to violations of the appearance of the product. Thus, under the influence of factors caused by human exploitation, damage to the integrity of the paint coating of parts made of wood can occur in the form of burrs, chips, cuts, and when parts made of metal are affected, damage to the paint coating in the form of dents, chips, abrasions may occur etc. This leads to the appearance and development of defects, which can be the cause of the destruction of the product. Cases of using the product not for its intended purpose, exceeding permissible loads and acts of vandalism represent a special danger, because under the influence of these factors, irreversible changes may occur in the structure of the material from which the product is made, leading to destruction.

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

Daily inspection of the product is a very important procedure. With its help, you will be able to detect any changes in the appearance of the product in a timely manner (deformation of individual parts, deformation of the structure in general or its part, damage to parts, cracks in welding seams, as well as lack of fastening of product parts, etc.).

Before using the product, check its functionality, the absence of damage, dirt on the product, sharp edges, the reliability of fixing the structure, the absence of extra objects on the surface of the platform. In the presence of product breakdowns, its complete or partial inoperability and other identified defects, use is prohibited.

In the process of operation, it is also necessary to periodically inspect the condition of the product - a current inspection. It includes an external inspection of the product, a check of its operability (in the presence of moving elements - smooth movement of mechanisms, compliance with operating modes, etc.). The current inspection allows you to detect malfunctions caused by the operation of the equipment, climatic conditions, acts of vandalism and other factors, before they reach a critical value and destroy the product. The current inspection is carried out in order to identify foreign objects that may endanger the user and lead to malfunctions of the product. The periodicity of the current inspection is established by the owner, taking into account the operating conditions. If you do not have sufficient technical knowledge and skills to carry out such inspections, we recommend that you contact the authorized specialists of the manufacturing company for advice.

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

The main annual inspection by authorized specialists of the manufacturing company must be carried out annually. During the inspection, the compliance of the technical condition of the equipment with safety requirements is evaluated. The degree of wear and damage of wooden elements and their ability to withstand applied loads, damage, the presence of corrosion of metal elements and the influence of the specified factors on the safety of product operation are determined. Also, the inspection makes it possible to identify the impact of the repair work, if any, on the safety of the equipment.

5. SPECIFICATIONS AND ASSEMBLY DIAGRAMS

	LK101
Length, mm	4955
Width, mm	4085
Height, mm	2899
Weight, kg	388.6
Fall height, mm	1227
Age restrictions, years	from 3 to 7
Weight restrictions, kg	up to 60

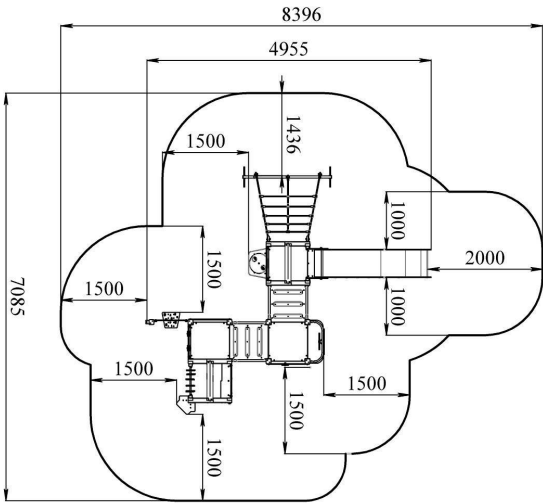


Figure 1 - Mounting area and landing area

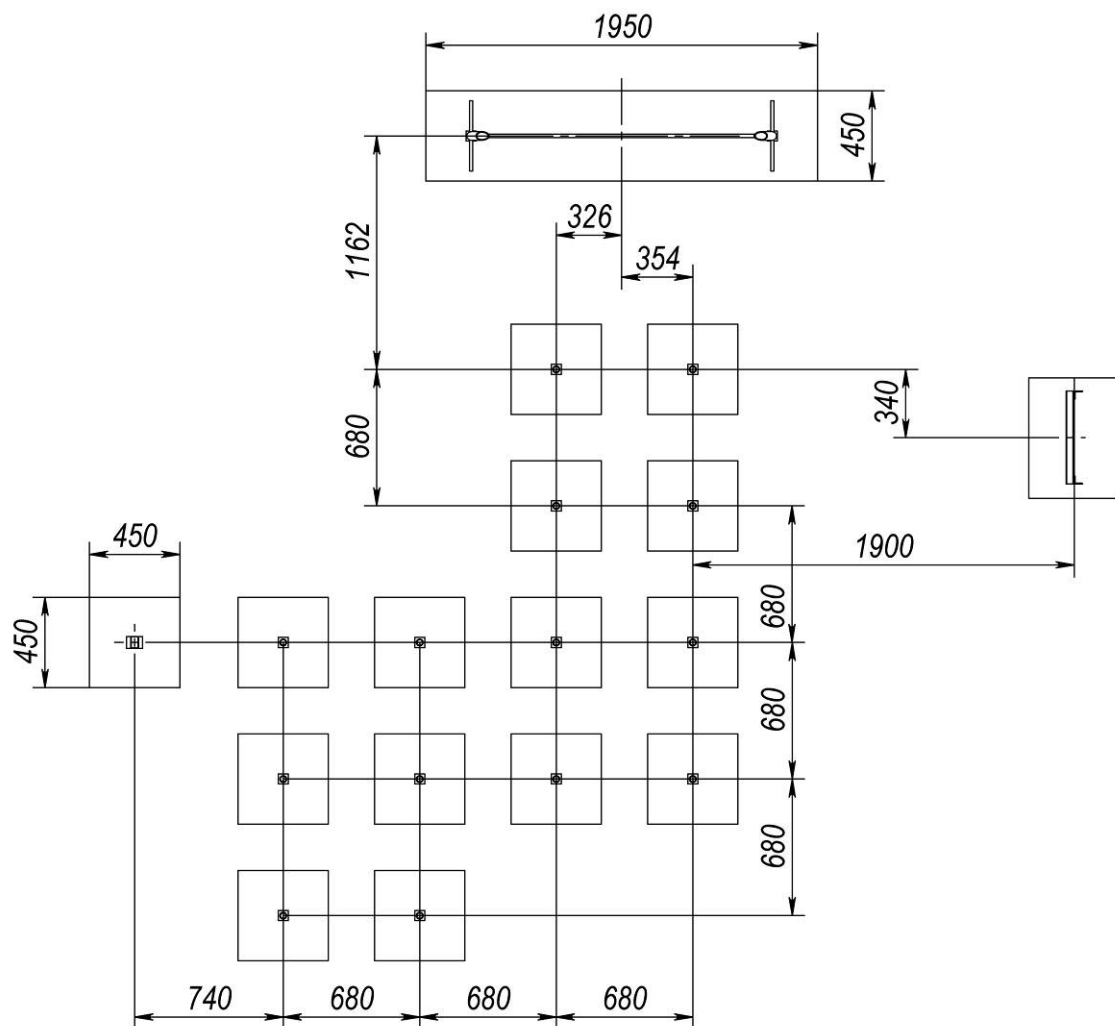
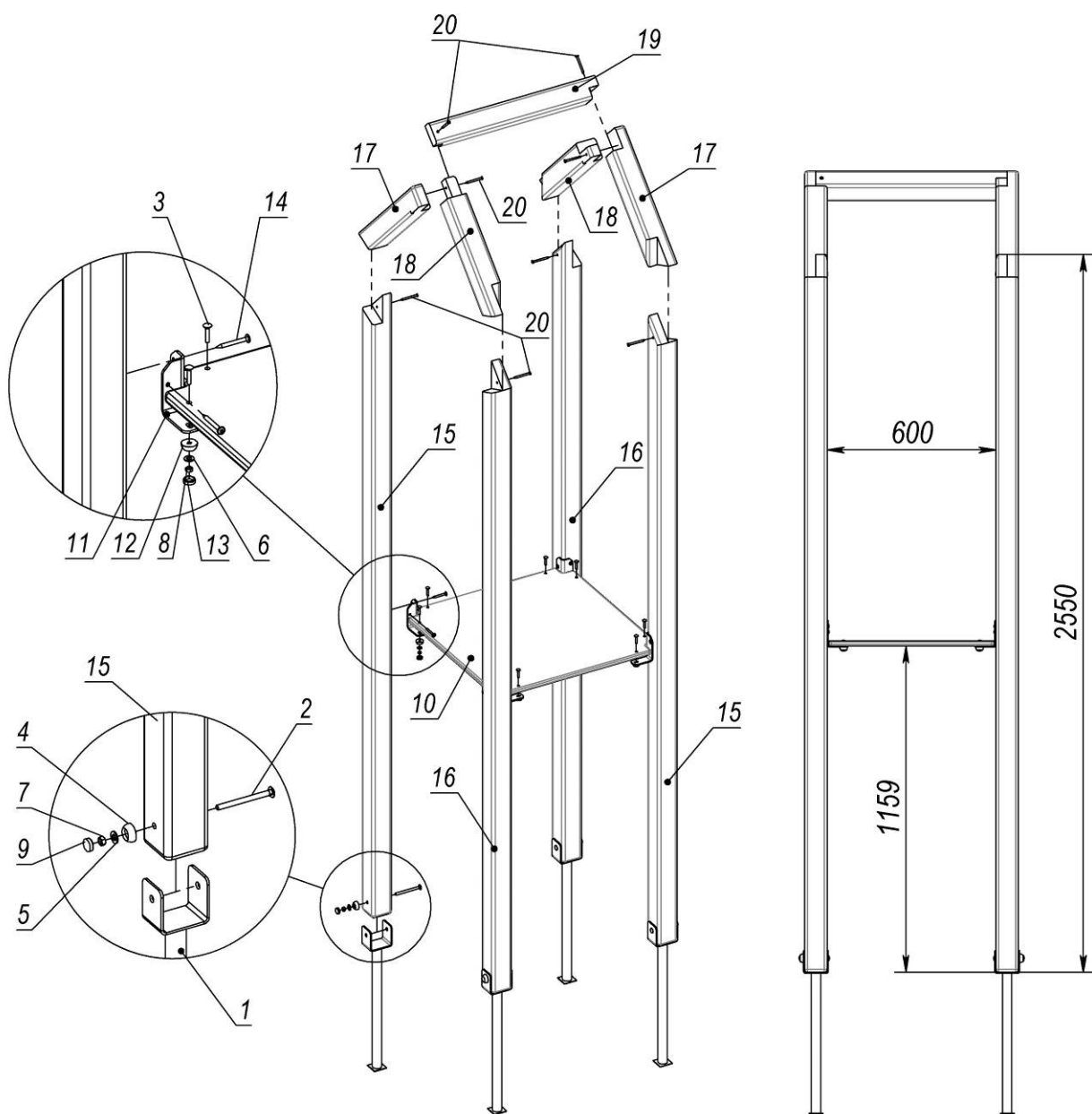
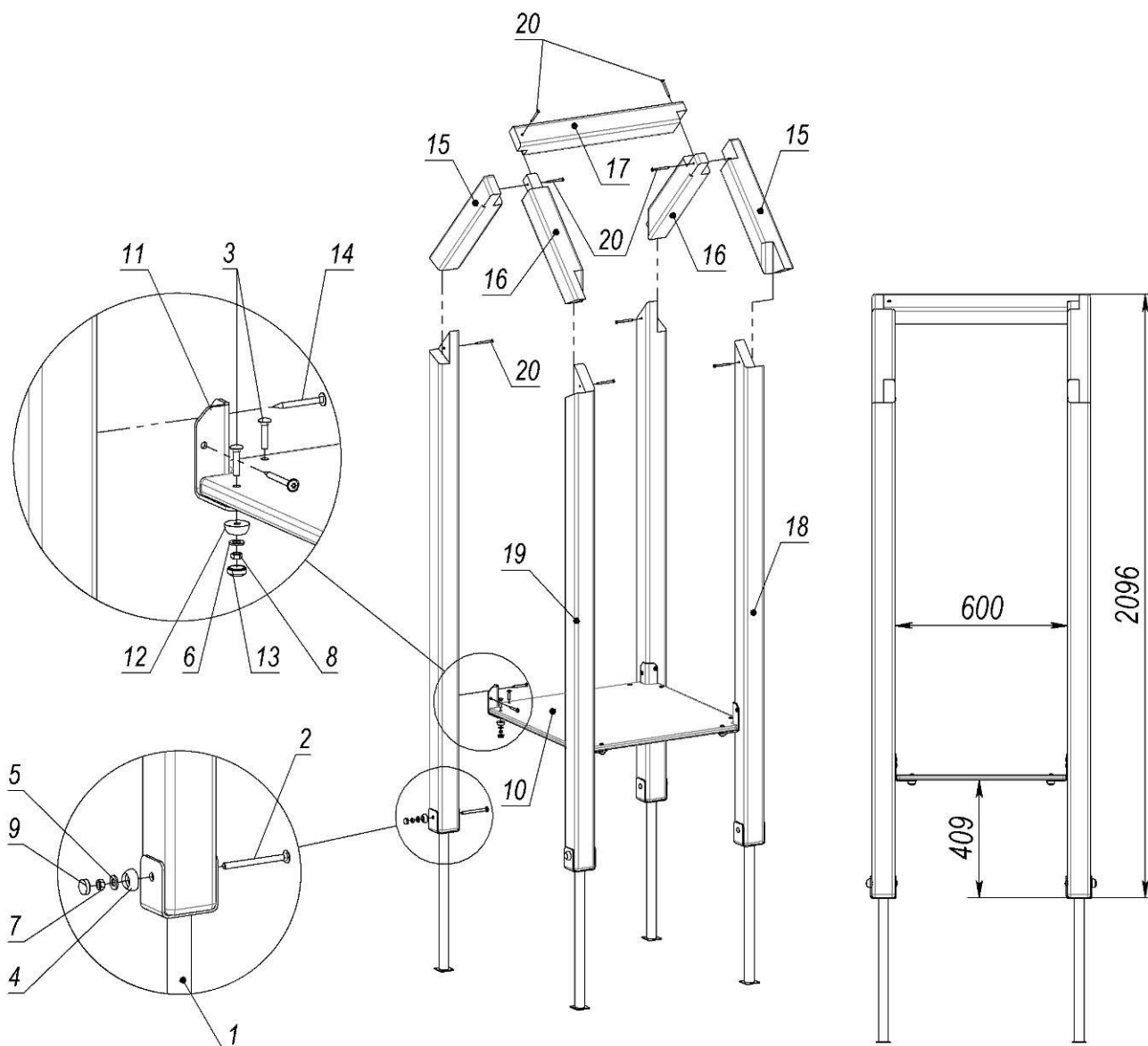


Figure 2 - Foundation location scheme



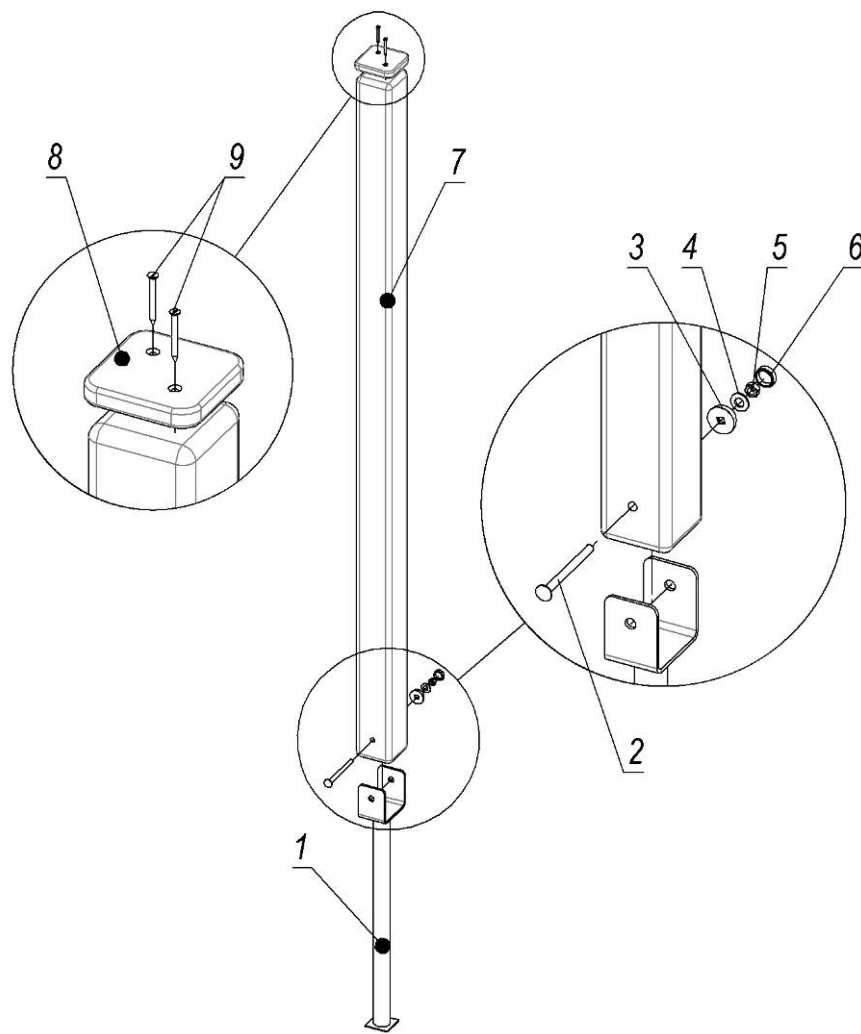
Pos.	Name	Weight, kg	Q-ty	Pos.	Name	Weight, kg	Q-ty
1	Embedded element	2	4	11	Platform bracket		4
2	Bolt M8*100 GOST 7802		4	12	Cup M6		8
3	Bolt M6*30 GOST 7802		8	13	Cap M6		8
4	Cup M8		4	14	Screw 6,0*60 SPAX T-STAR plus with press washer (universal)		8
5	Washer 10 GOST 11371		4				
6	Washer 8 GOST 11371		8	15	Rack 2,55m	9	2
7	Nut M8 GOST 5915		4	16	Rack 2,55m	9	2
8	Nut M6 GOST 5915		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 GOST 1145		8

Figure 3 – Assembly diagram of the 1.23m tower



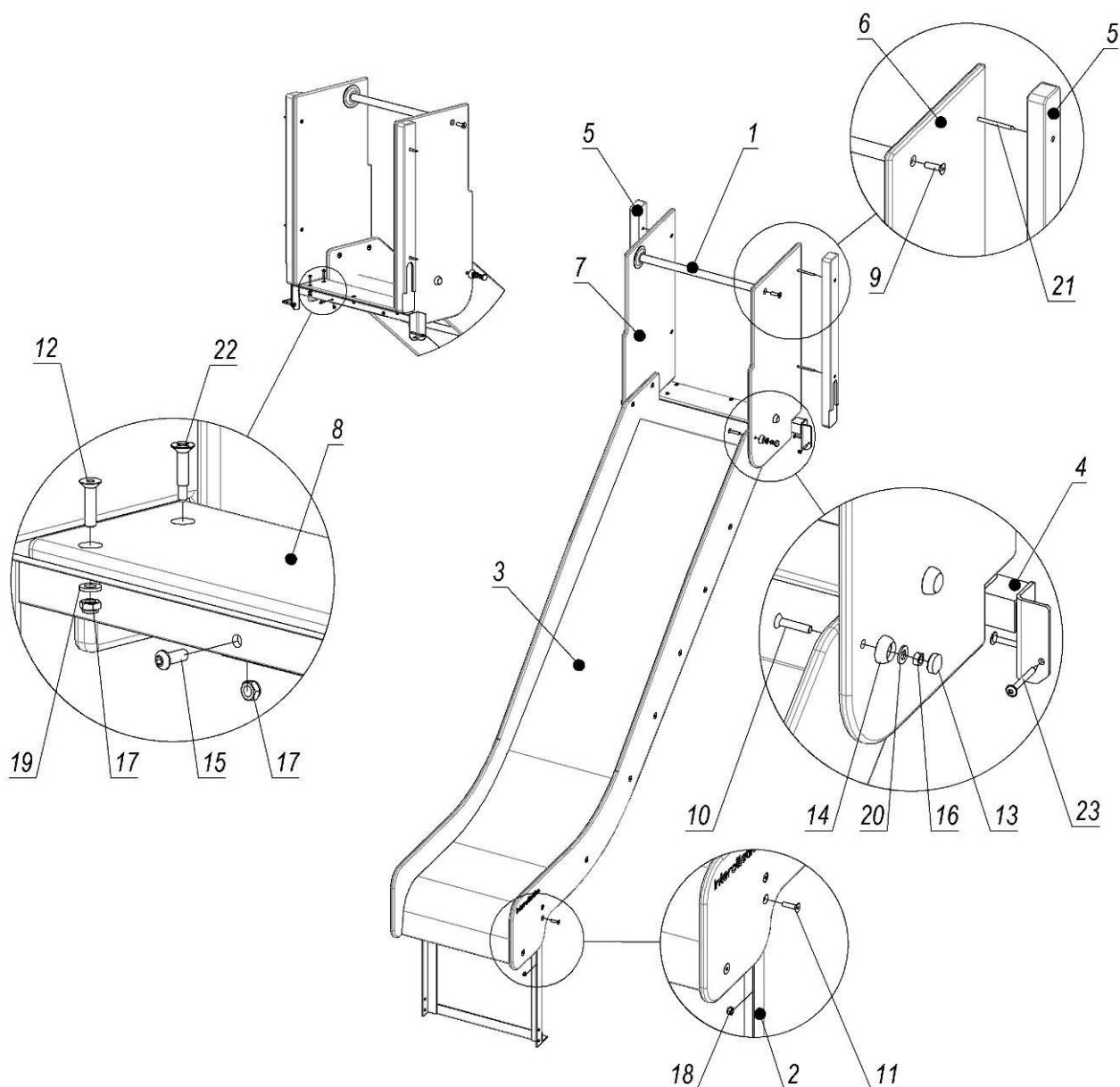
Pos.	Name	Weight, kg	Q-ty	Pos.	Name	Weight, kg	Q-ty
1	Embedded element	2	4	11	Platform bracket		4
2	Bolt M8*100 GOST 7802		4	12	Cup M6		8
3	Bolt M6*30 GOST 7802		8	13	Cap M6		8
4	Cup M8		4	14	Screw 6,0*60 SPAX T-STAR plus with press washer (universal)		8
5	Washer 10 GOST 11371		4				
6	Washer 8 GOST 11371		8	15	Front pediment	2	2
7	Nut M8 GOST 5915		4	16	Back pediment	2	2
8	Nut M6 GOST 5915		8	17	Bar 0,68m	2	1
9	Cap M8		4	18	Rack 1.8m	7	2
10	Site (0,68*0.68)	6	1	19	Rack 1.8m	7	2
				20	Screw nail 6*70 GOST 1145		8

Figure 4 – Assembly diagram of the 0.48m tower



Pos.	Name	Weight, kg	Q-ty
1	Embedded element	2	1
2	Bolt M8*100 GOST 7802		1
3	Cup M8		1
4	Washer 10 GOST 11371		1
5	Nut M8 GOST 5915		1
6	Cap M8		1
7	Rack 1,6m	6	1
8	Cap on bar		1
9	Screw 4*40 GOST 1145		2

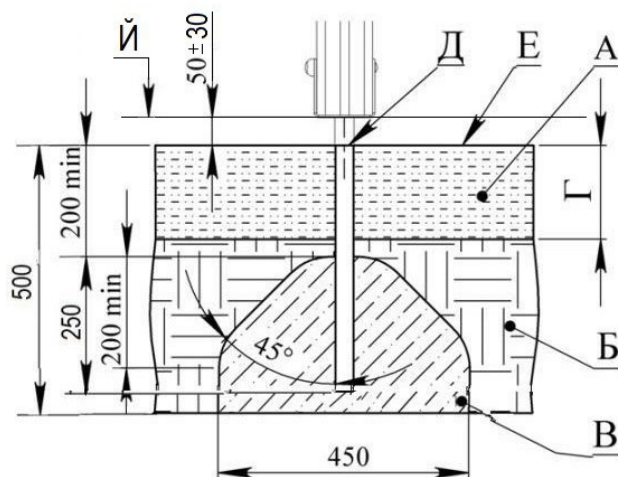
Figure 5 – Rack assembly scheme (1.1-1.6m)



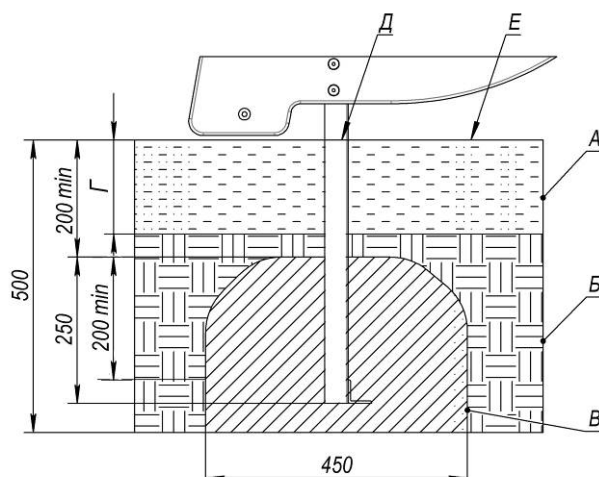
Pos.	Name	Weight, kg	Q-ty
1	Brace rod 493 mm	1	1
2	Slide slip (angle)	5	1
3	Slide 1,2m	34	1
4	Slide support	2	1
5	Lining of the slide		2
6	Upper right sidepart	4	1
7	Upper left sidepart	4	1
8	Cover plate		1
9	Stud M10*35 DIN7991	26	2
10	Stud M8*40 DIN7991	18	4
11	Stud M8*30 DIN7991	14	4
12	Stud M6*25 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 6 - Assembly diagram of a 1.2m slide



For beam supports and other elements



for the slides of the complex

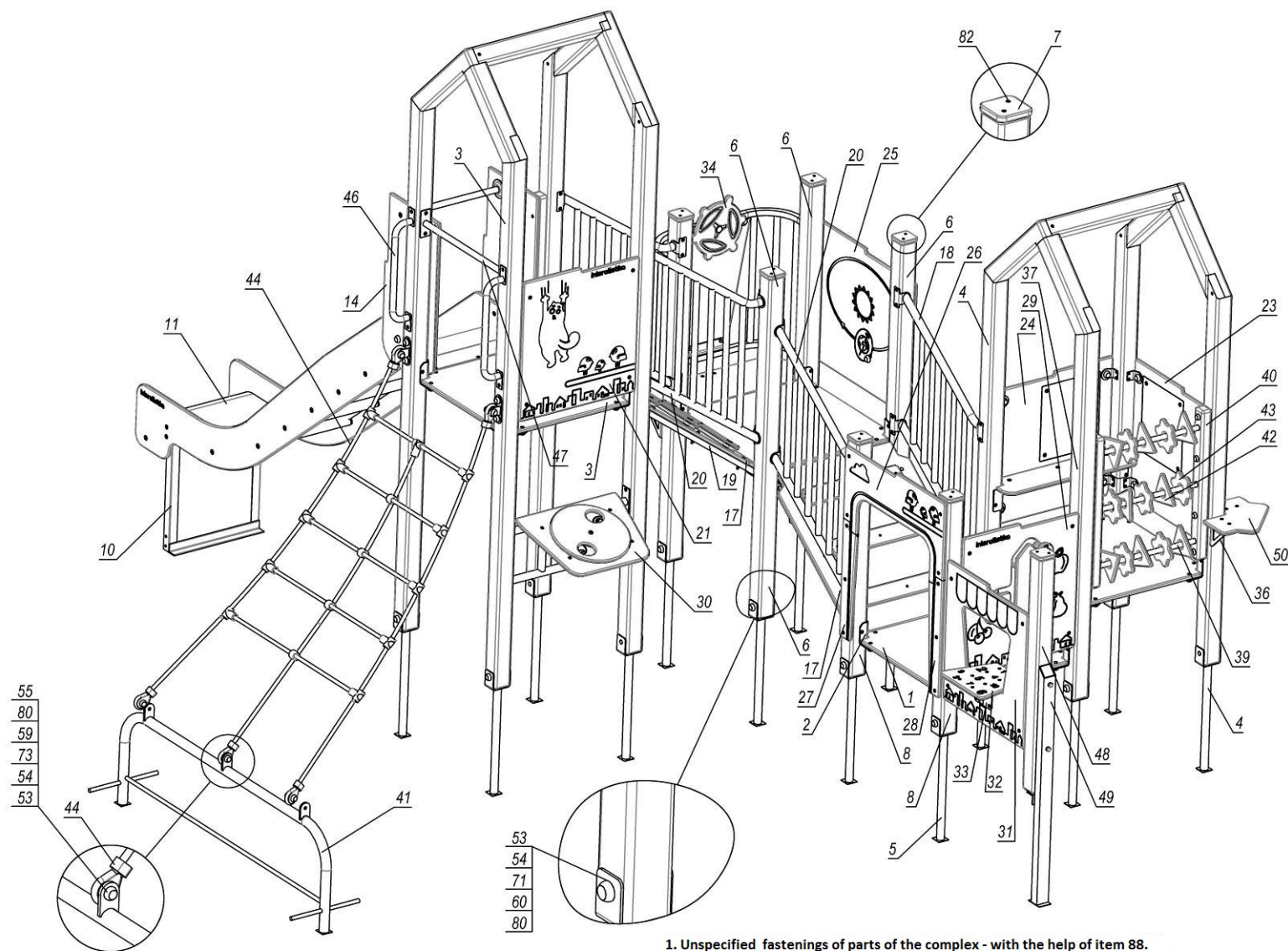
- A - shock absorbing coating
 Б - soil
 В - concrete
 Г - depth of impact-absorbing coating
 Д - product level plane
 Е - playing surface
 И - thread

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



1. Unspecified fastenings of parts of the complex - with the help of item 88.
 Unspecified fastening of panels on the corners - similar to type Г.
 2. Fastening of all pallets is similar to type Y.

Figure 8

Pos.	Name	Weight	Q-ty	Pos.	Name	Weight	Q-ty
1	Site (0,68*0,68)	6	2	45	Rope bracket		2
2	Platform bracket		8	46	Handle		2
3	Tower 1,23m	61	1	47	Brace rod DN25 (L=600mm)	1	1
4	Tower 0,48m	50	1	48	Beam 1,1m with hole	4	1
5	Embedded element	2	6	49	Ramp support	4	1
6	Rack 1,6m	6	4	50	Table		1
7	A cap on a beam		7	51	Cup M6		28
8	Rack 1,1m	4	2	52	Cap M6		28
9	Brace rod 493mm	1	1	53	Cup M8		42
10	Slide slip	5	1	54	Cap M8		42
11	Slide 1,2m	34	1	55	Tube d12*1,5 GOST10704, L=22mm		5
12	Slide support	2	1	56	Cap S13		2
13	Lining of the slide		2	57	Bolt M6*30 GOST7802		16
14	Upper right sidepart	4	1	58	Bolt M6*50 GOST7802		12
15	Upper left sidepart	4	1	59	Bolt M8*45 GOST7798		5
16	Cover plate (120*510)		1	60	Bolt M8*100 GOST7802		10
17	Ladder 0,5m	10	2	61	Bolt M8*130 GOST7802		2
18	Handrail	9	2	62	Stud M6*16 ISO7380		2
19	Ladder support	2	4	63	Stud M6*25 DIN7991	.	11
20	Handrail	9	2	64	Stud M6*30 DIN7991	.	10
21	Panel "Cat Birds"	5	1	65	Stud M8*30 ISO7380		24
22	Corner bracket 40*60		20	66	Stud M8*30 DIN7991	.	4
23	Panel 0,6m "Window" on the right	5	1	67	Stud M8*40 DIN7991	.	2
24	Panel 0,6m "Window" on the left	5	1	68	Stud M8*50 DIN7991	.	3
25	Panel "World Map"	6	1	69	Stud M10*35 DIN7991	.	2
26	Panel "Arch"	3	1	70	Nut M6 GOST5915		20
27	Rim of the arch		1	71	Nut M8 GOST5915		28
28	Rim of the arch		1	72	Nut M6 DIN985		5
29	The "Fruits" panel is assembled	6	1	73	Nut M8 DIN985		15
30	Game console "Who eats what"	12	1	74	Cap nut M6 DIN1587		26
31	Panel "Showcase"	4	1	75	Cap nut M8 DIN1587		7
32	Table with numbers		1	76	Washer 6 GOST6958		2
33	Angle bar of the showcase		2	77	Washer 6 GOST6402		4
34	Balcony	14	1	78	Washer 6 GOST11371		15
35	The floor of the Balcony 0,72m	3	1	79	Washer 8 GOST11371		33
36	Angle bar of the table		4	80	Washer 10 GOST11371		46
37	Seat (180*675)	1	1	81	Washer 10 GOST6958		4
38	Bench frame	2	1	82	Screw nail 4*40 GOST1145		54
39	Counter bar		3	83	Screw nail 6*90 GOST1145		4
40	Counter board	1	2	84	Screw with a drill 6,3*32 DIN7504P	.	2
41	Embedded element of the rope climb	10	1	85	Screw nail 6*40 GOST1144		4
42	Triangle		8	86	Screw nail 6*50 GOST1145		2
43	Flower		7	87	Screw nail 6*90 GOST11473		8
44	Ropeway lifting net	7	1	88	Screw nail 6*60 SPAX T-STAR plus (universal)		120

Figure 9

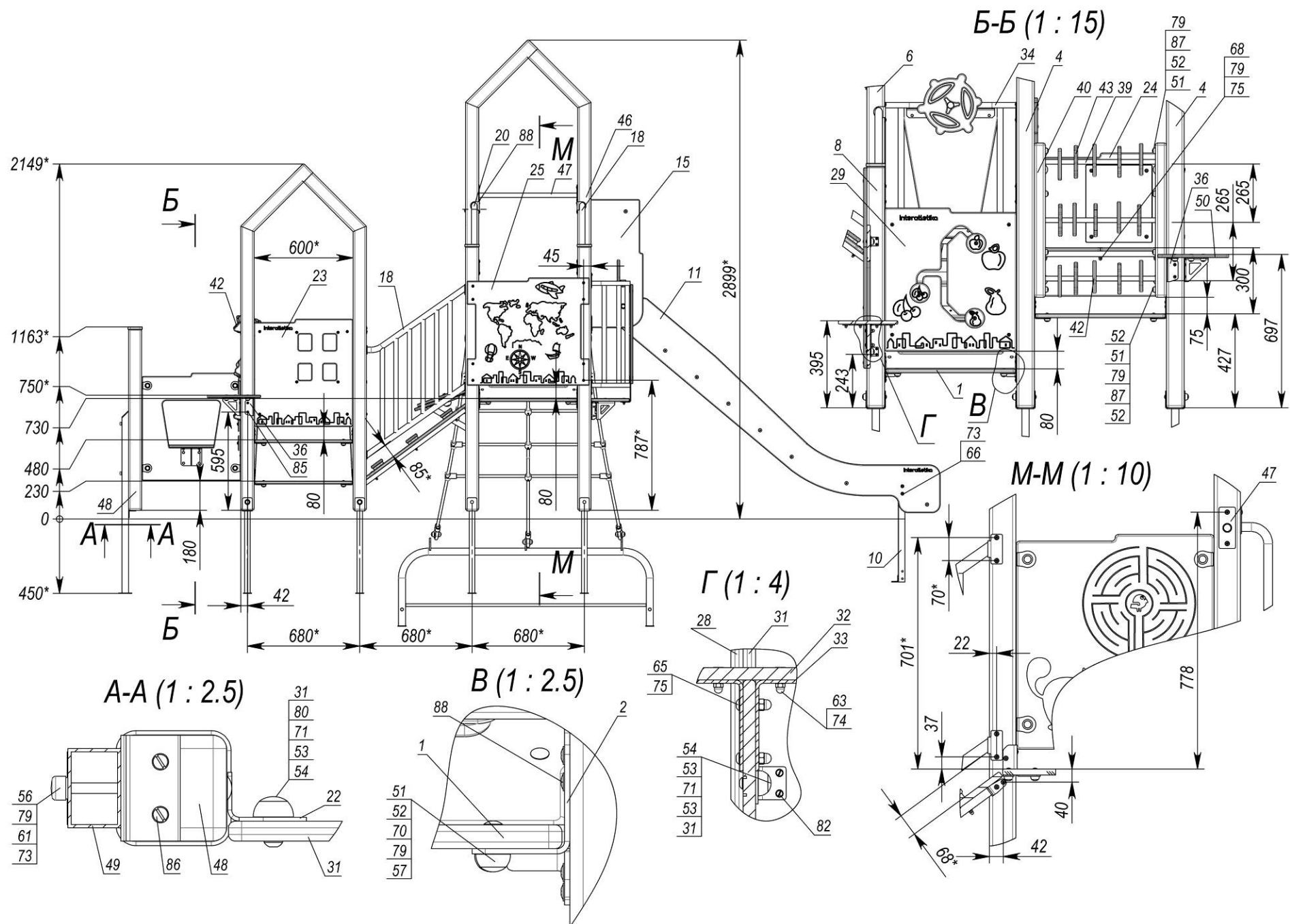


Figure 10

