

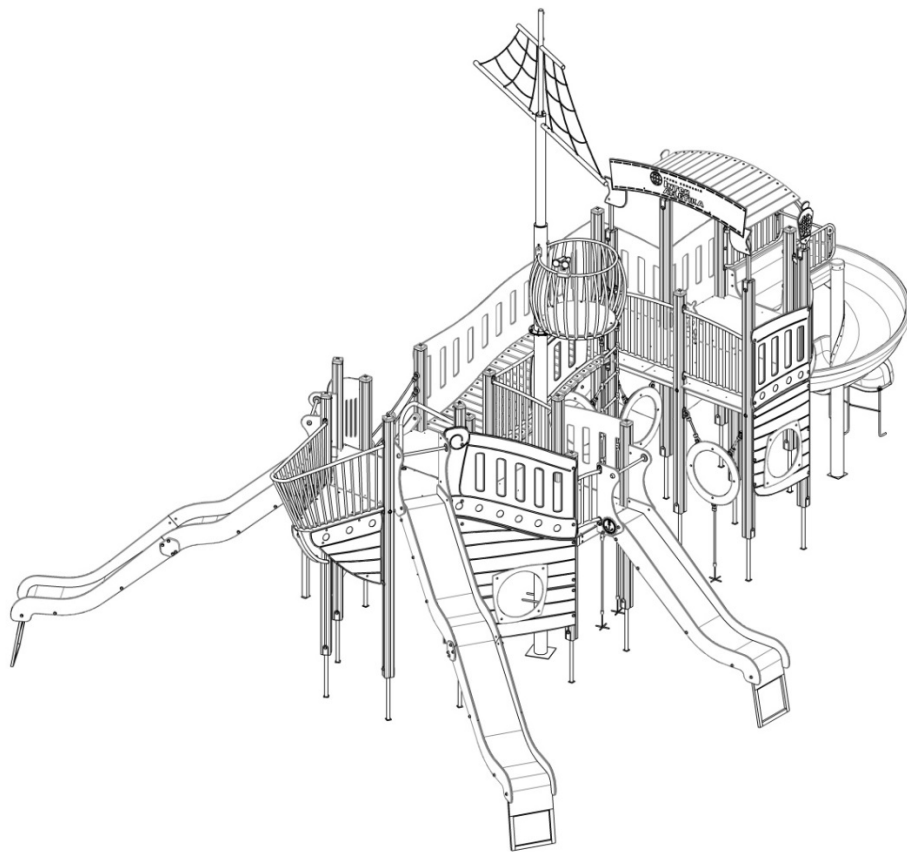
# interatletika™

PRODUCTION AND SALE OF SPORTS GOODS

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## DATA SHEET

Playground complex "Fregat" T918, T918 M, T918-VS



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## **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

|                         | <b>T918-M</b>       | <b>T918</b>         |
|-------------------------|---------------------|---------------------|
| Length, mm              | <b>9938</b>         | <b>9938</b>         |
| Width, mm               | <b>7050</b>         | <b>7050</b>         |
| Height, mm              | <b>6284</b>         | <b>6284</b>         |
| Weight, kg              | <b>1523</b>         | <b>1537,2</b>       |
| Fall height, mm         | <b>2800</b>         | <b>2800</b>         |
| Age restrictions, years | <b>From 3 to 12</b> | <b>From 3 to 12</b> |
| Weight restrictions, kg | <b>Up to 60</b>     | <b>Up to 60</b>     |

**T918-M is identical to the T918 except for the tyre with mounting!**  
**T918-M and T918-VS differ in colour!**

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

The product consists of individual modules that are delivered disassembled. For the complete set of modules and their assembly schemes, see pic. 1-28.

## 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.**

- 1) Dig pits for concreting in accordance with the pic. 29 and pic. 30.
- 2) Assemble and install the front and rear deck, wave bridge.
- 3) Assemble and install the mast (first, the embedded element with the middle part of the mast is installed and attached to the deck, then the top with sails and viewing basket is installed).
- 4) Install and attach other modules to the tower edges.
- 5) Assemble and install the roof.
- 6) Check the level for correct vertical and horizontal installation.
- 7) Concrete the product in accordance with 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.31

## 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 | Signature |
|-----------|---------|---------------------------------------|---------------------|-----------|
| Departure | Arrival |                                       |                     |           |
|           |         |                                       |                     |           |
|           |         |                                       |                     |           |
|           |         |                                       |                     |           |

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

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

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

- place the product in a closed dry room with natural ventilation;
- protect the product from external factors (dust, water drops, etc.) with a large plastic bag, leaving space for free air circulation;

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

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

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

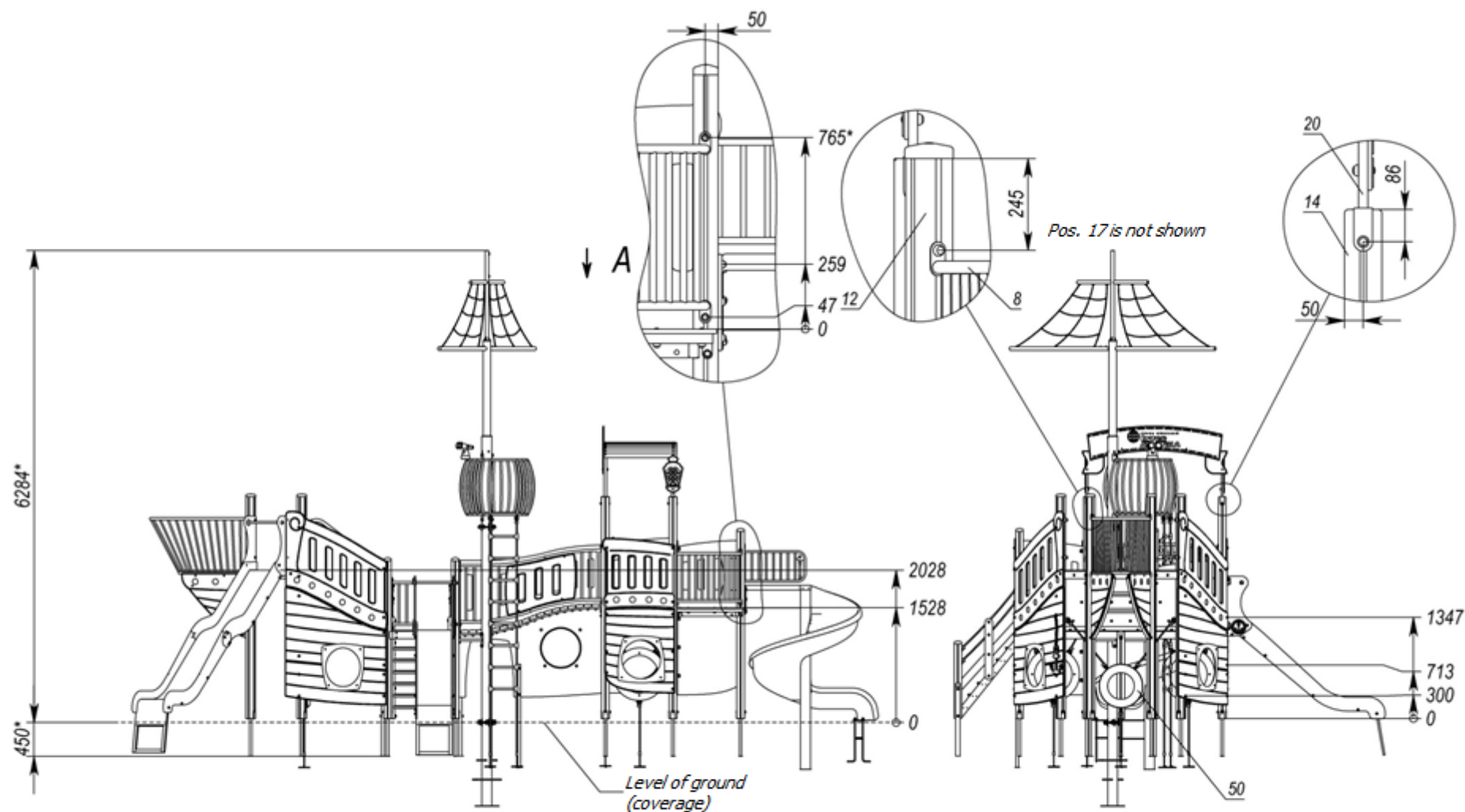
### **Storage information**

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

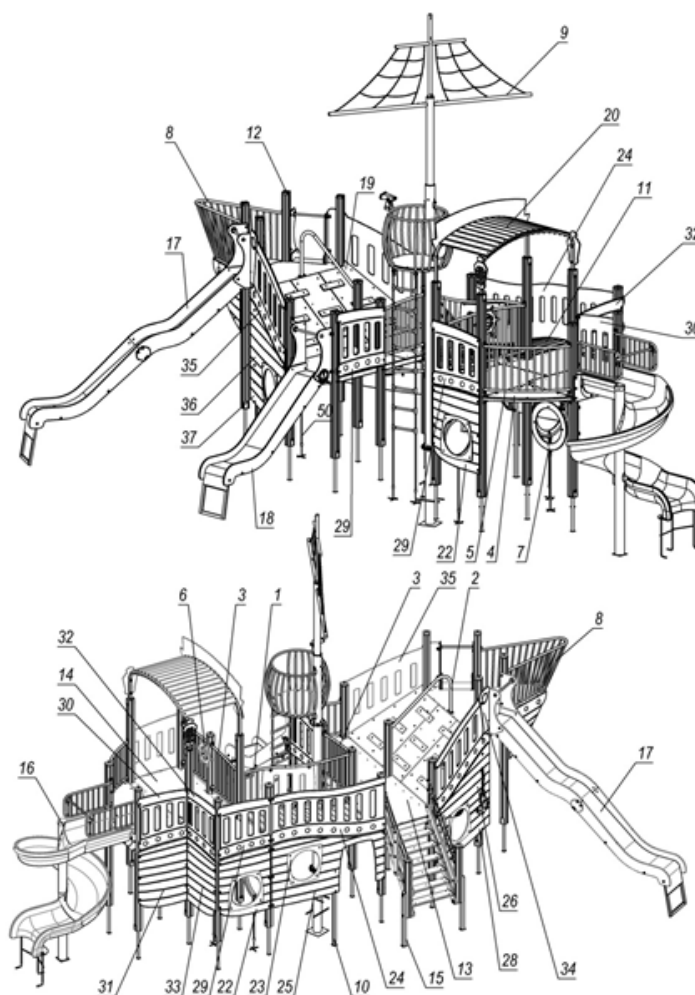
After the end of the equipment's service life, the buyer independently determines the procedure for its use. If you decide to recycle, contact the seller or specialized organizations.

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

## Appendix:



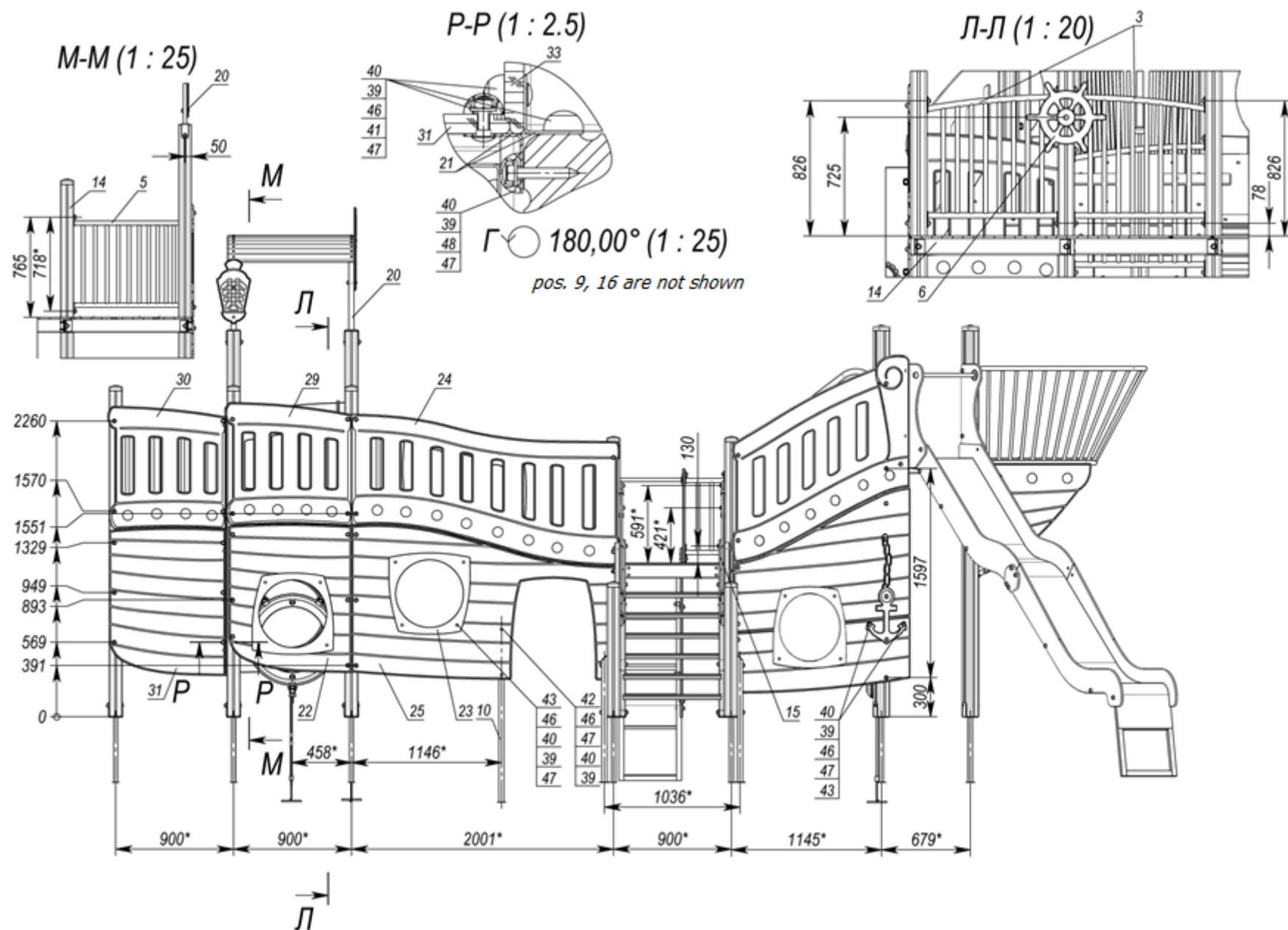
1. Drill a hole for the screws with a diameter of 5 mm. For M8 bolts GOST7802, drill a hole with a diameter of 10 mm.
2. The fastening of the elements to the parallel bars is not specified - pos. 40,39,47,49.

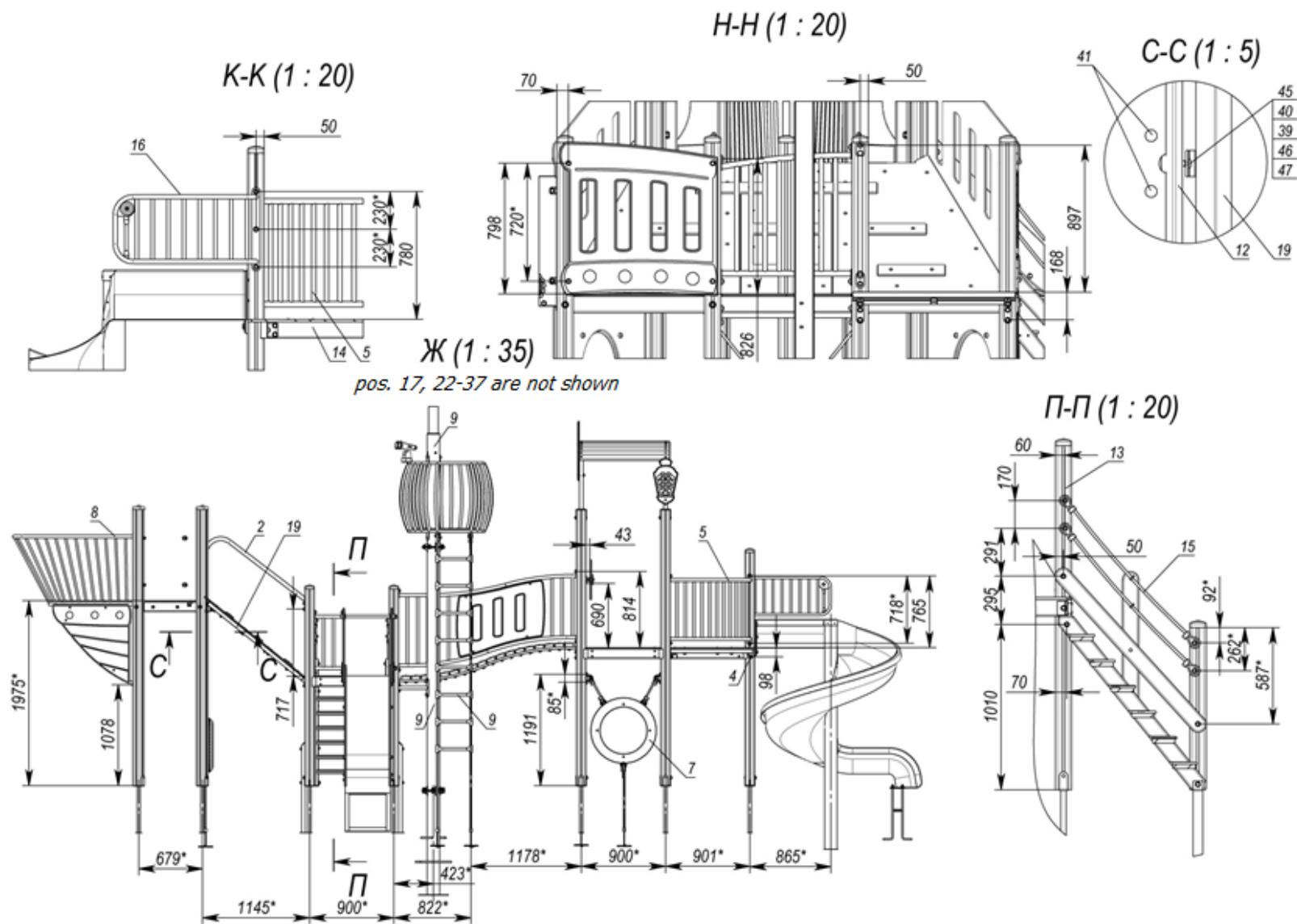


| Pos. | Name                            | Weight, kg | Q-ty |
|------|---------------------------------|------------|------|
| 1    | Railings assembly               | 22         | 1    |
| 2    | Handrail                        | 6          | 1    |
| 3    | Railings assembly               | 12         | 3    |
| 4    | Triangular site assembly        | 14         | 1    |
| 5    | Fence assembly                  | 15         | 1    |
| 6    | Steering wheel assembly         | 2          | 1    |
| 7    | Ring assembly                   | 8          | 3    |
| 8    | Ship's bow assembly             | 55         | 1    |
| 9    | Mast assembly                   | 166        | 1    |
| 10   | Support                         | 3          | 1    |
| 11   | Wavy bridge                     | 59         | 1    |
| 12   | Tower upper deck                | 94         | 1    |
| 13   | Front deck                      | 149        | 1    |
| 14   | Rear deck                       | 236        | 1    |
| 15   | Frigate stairs                  | 63         | 1    |
| 16   | Spiral descent assembly         | 84         | 1    |
| 17   | Wavy slide (2m)                 | 77         | 2    |
| 18   | Slide 1200mm assembly           | 54         | 1    |
| 19   | Ascent                          | 66         | 1    |
| 20   | Canopy assembly                 | 45         | 1    |
| 21   | Angle bar 45x45x40 (90 degrees) |            | 14   |
| 22   | Sidewall                        | 9          | 2    |
| 23   | Porthole                        | 1          | 5    |
| 24   | Bulwark                         | 16         | 1    |
| 25   | Shipboard                       | 15         | 1    |
| 26   | Right board                     | 11         | 1    |
| 27   | Cover plate "Anchor"            |            | 1    |
| 28   | Right board                     | 7          | 1    |
| 29   | Cover plate                     | 7          | 3    |
| 30   | Sidewall                        | 7          | 1    |
| 31   | Board                           | 10         | 1    |
| 32   | Sidewall                        | 7          | 1    |
| 33   | Board                           | 11         | 1    |
| 34   | Bulwark right                   | 14         | 1    |
| 35   | Bulwark left                    | 14         | 1    |
| 36   | Board left                      | 10         | 1    |
| 37   | Board right                     | 7          | 1    |
| 38   | Plug 40x40                      |            | 1    |
| 39   | Cap M8                          |            | 147  |
| 40   | Cup M8                          |            | 147  |
| 41   | Bolt M8x30 GOST7802             |            | 16   |
| 42   | Bolt M8x65 GOST7802             |            | 2    |
| 43   | Bolt M8x35 GOST7802             |            | 26   |
| 44   | Bolt M8x60 GOST7802             |            | 4    |
| 45   | Bolt M8x40 GOST7802             |            | 1    |
| 46   | Nut M8 GOST5915                 |            | 49   |
| 47   | Washer 10 GOST11371             |            | 147  |
| 48   | Screw 8x50 GOST11473            |            | 24   |
| 49   | Screw 8x70 GOST11473            |            | 74   |
| 50   | Tyre with fastening             | 10         | 1    |

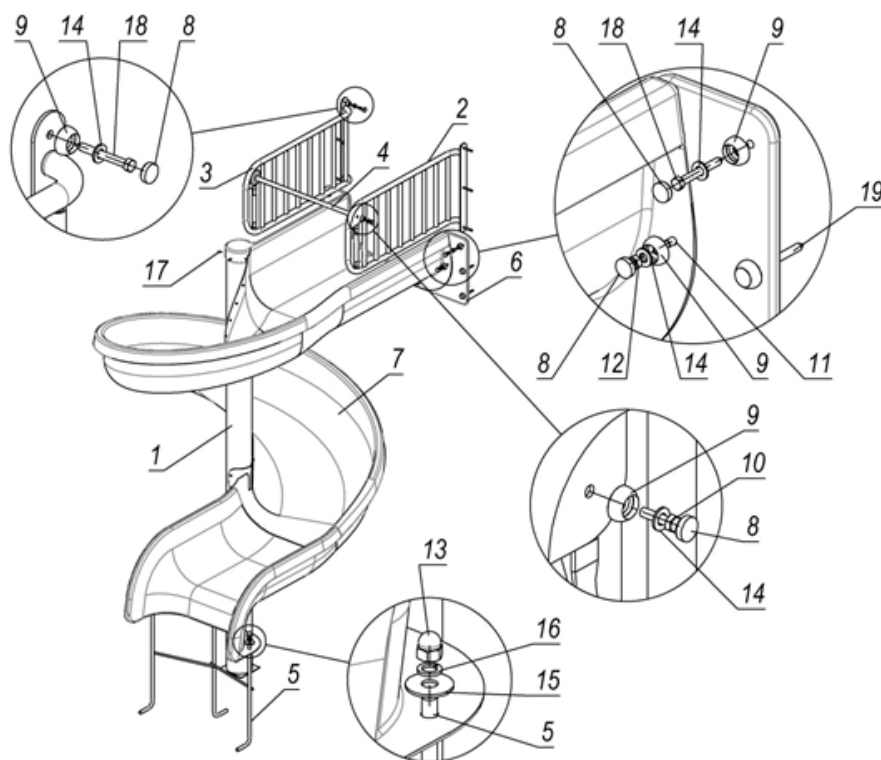






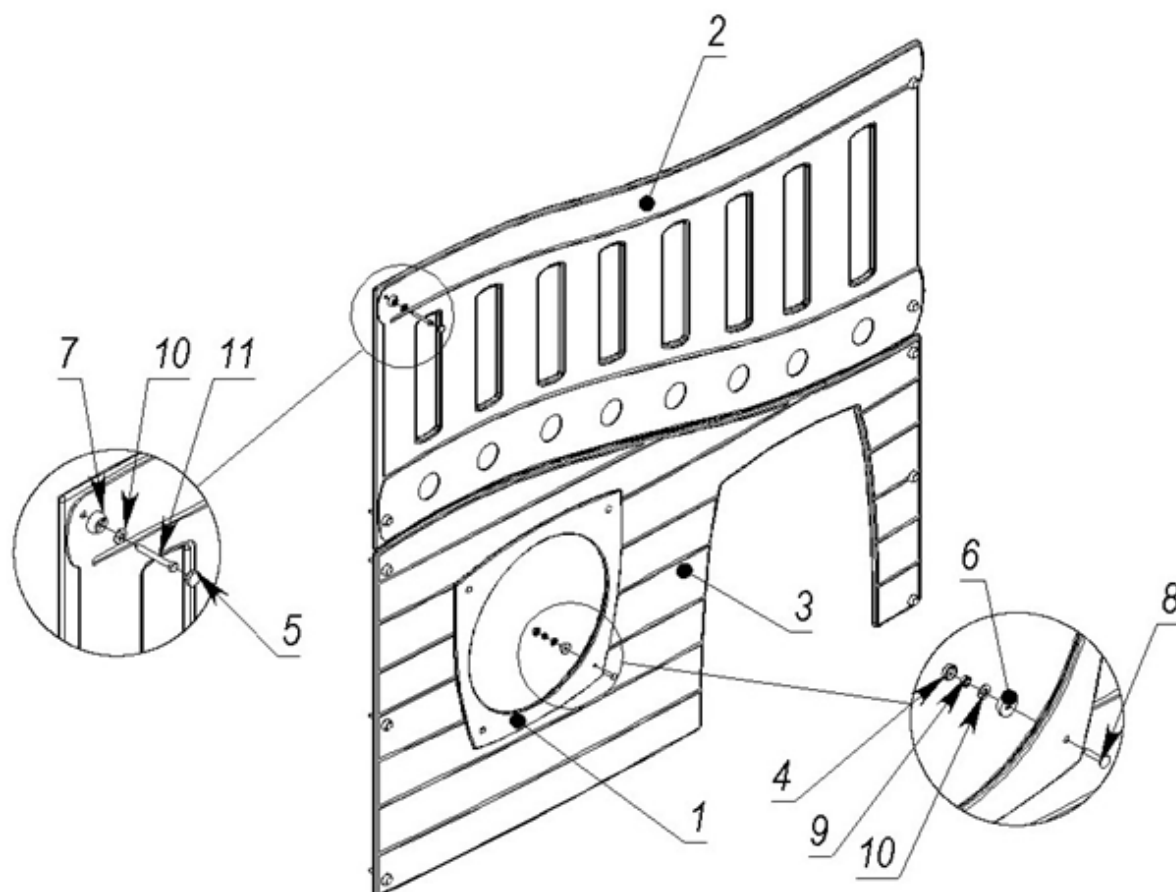


**Pic. 1 - Completeness and characteristics of the product components**



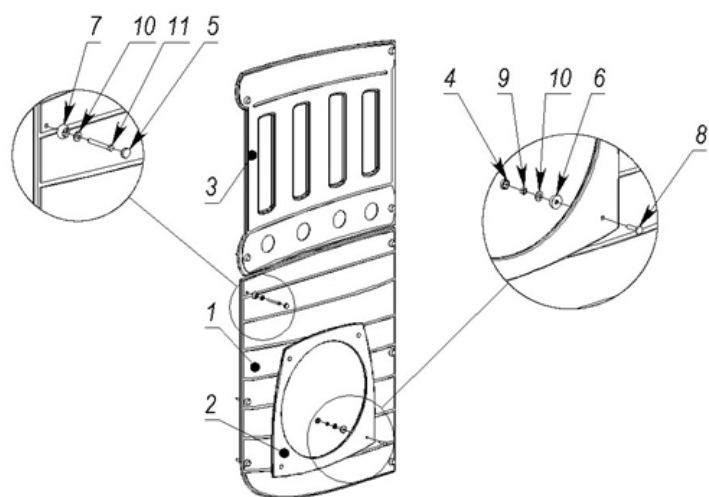
| <i>Pos.</i> | <i>Name</i>                   | <i>Weight, kg</i> | <i>Q-ty</i> |
|-------------|-------------------------------|-------------------|-------------|
| 1           | <i>Pillar</i>                 | 32                | 1           |
| 2           | <i>Left sidewall frame</i>    | 8                 | 1           |
| 3           | <i>Right sidewall frame</i>   | 8                 | 1           |
| 4           | <i>Brace rod</i>              | 1                 | 1           |
| 5           | <i>Embedded element</i>       | 5                 | 1           |
| 6           | <i>Lining</i>                 | 2                 | 1           |
| 7           | <i>Spiral slide</i>           | 28                | 1           |
| 8           | <i>Cap M8</i>                 |                   | 20          |
| 9           | <i>Cup M8</i>                 |                   | 20          |
| 10          | <i>Bolt M8x30 GOST7798</i>    |                   | 2           |
| 11          | <i>Bolt M8x30 GOST7802</i>    |                   | 6           |
| 12          | <i>Nut M8 GOST5915</i>        |                   | 6           |
| 13          | <i>Cap nut M16 DIN1587</i>    |                   | 3           |
| 14          | <i>Washer 10 GOST11371</i>    |                   | 20          |
| 15          | <i>Washer 16 GOST6958</i>     |                   | 3           |
| 16          | <i>Washer 16 GOST6402</i>     |                   | 3           |
| 17          | <i>Screw 4.2x16 DIN 7504N</i> | 2                 | 19          |
| 18          | <i>Screw 8x70 GOST11473</i>   |                   | 7           |
| 19          | <i>Screw 8x90 GOST11473</i>   |                   | 5           |

**Pic. 2 - Completeness and scheme of the spiral descent**



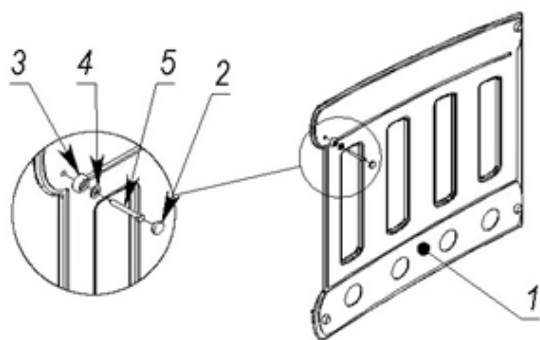
| <i>Pos.</i> | <i>Name</i>                 | <i>Weight, kg</i> | <i>Q-ty</i> |
|-------------|-----------------------------|-------------------|-------------|
| <i>1</i>    | <i>Porthole</i>             | <i>1</i>          | <i>1</i>    |
| <i>2</i>    | <i>Bulwark</i>              | <i>16</i>         | <i>1</i>    |
| <i>3</i>    | <i>Shipboard</i>            | <i>15</i>         | <i>1</i>    |
| <i>4</i>    | <i>Cap M8</i>               |                   | <i>4</i>    |
| <i>5</i>    | <i>Cap M8</i>               |                   | <i>10</i>   |
| <i>6</i>    | <i>Cup M8</i>               |                   | <i>4</i>    |
| <i>7</i>    | <i>Cup M8</i>               |                   | <i>10</i>   |
| <i>8</i>    | <i>Bolt M8x35 GOST7802</i>  |                   | <i>4</i>    |
| <i>9</i>    | <i>Nut M8 GOST 5915</i>     |                   | <i>4</i>    |
| <i>10</i>   | <i>Washer 10 GOST11371</i>  |                   | <i>14</i>   |
| <i>11</i>   | <i>Screw 8x70 GOST11473</i> |                   | <i>10</i>   |

**Pic. 3 - Completeness and assembly scheme of the shipboard assembly**



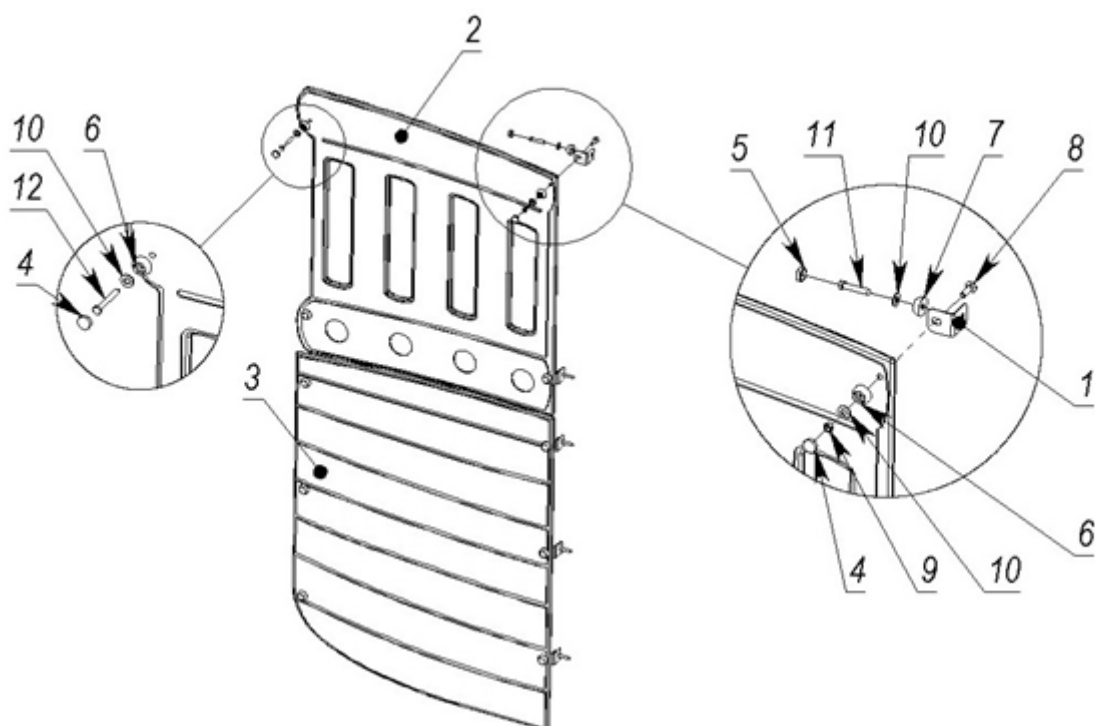
| <i>Pos.</i> | <i>Name</i>                 | <i>Weight, kg</i> | <i>Q-ty</i> |
|-------------|-----------------------------|-------------------|-------------|
| 1           | <i>Sidewall</i>             | 9                 | 1           |
| 2           | <i>Porthole</i>             | 1                 | 1           |
| 3           | <i>Cover plate</i>          | 7                 | 1           |
| 4           | <i>Cap M8</i>               |                   | 4           |
| 5           | <i>Cap M8</i>               |                   | 10          |
| 6           | <i>Cup M8</i>               |                   | 4           |
| 7           | <i>Cup M8</i>               |                   | 10          |
| 8           | <i>Bolt M8x35 GOST7802</i>  |                   | 4           |
| 9           | <i>Nut M8 GOST 5915</i>     |                   | 4           |
| 10          | <i>Washer 10 GOST11371</i>  |                   | 14          |
| 11          | <i>Screw 8x70 GOST11473</i> |                   | 10          |

**Pic. 4 - Completeness and assembly scheme of the sidewall assembly**



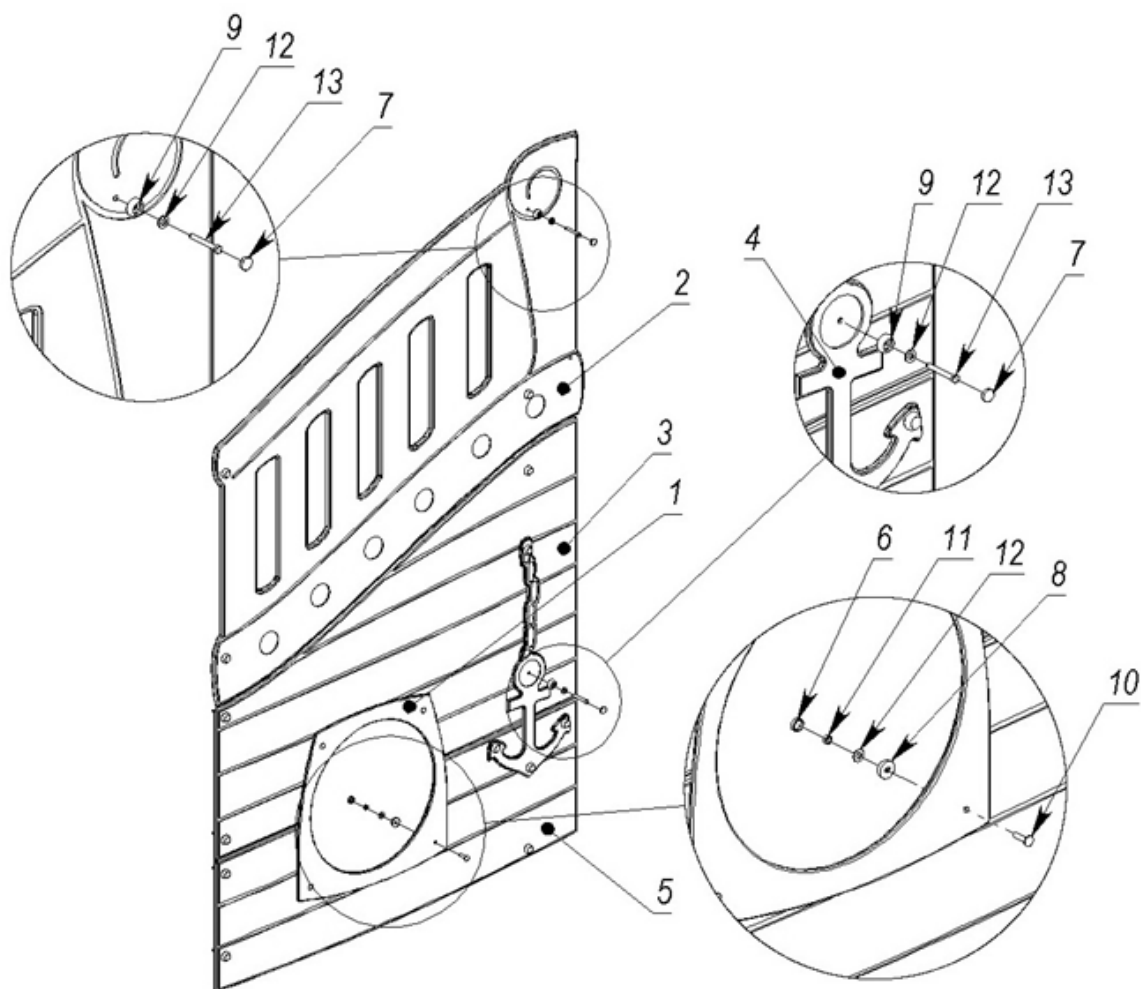
| <i>Pos.</i> | <i>Name</i>                 | <i>Weight, kg</i> | <i>Q-ty</i> |
|-------------|-----------------------------|-------------------|-------------|
| 1           | <i>Cover plate</i>          | 7                 | 1           |
| 2           | <i>Cap M8</i>               |                   | 4           |
| 3           | <i>Cup M8</i>               |                   | 4           |
| 4           | <i>Washer 10 GOST11371</i>  |                   | 4           |
| 5           | <i>Screw 8x70 GOST11473</i> |                   | 4           |

**Pic. 5 - Completeness and assembly scheme of the cover plate assembly**



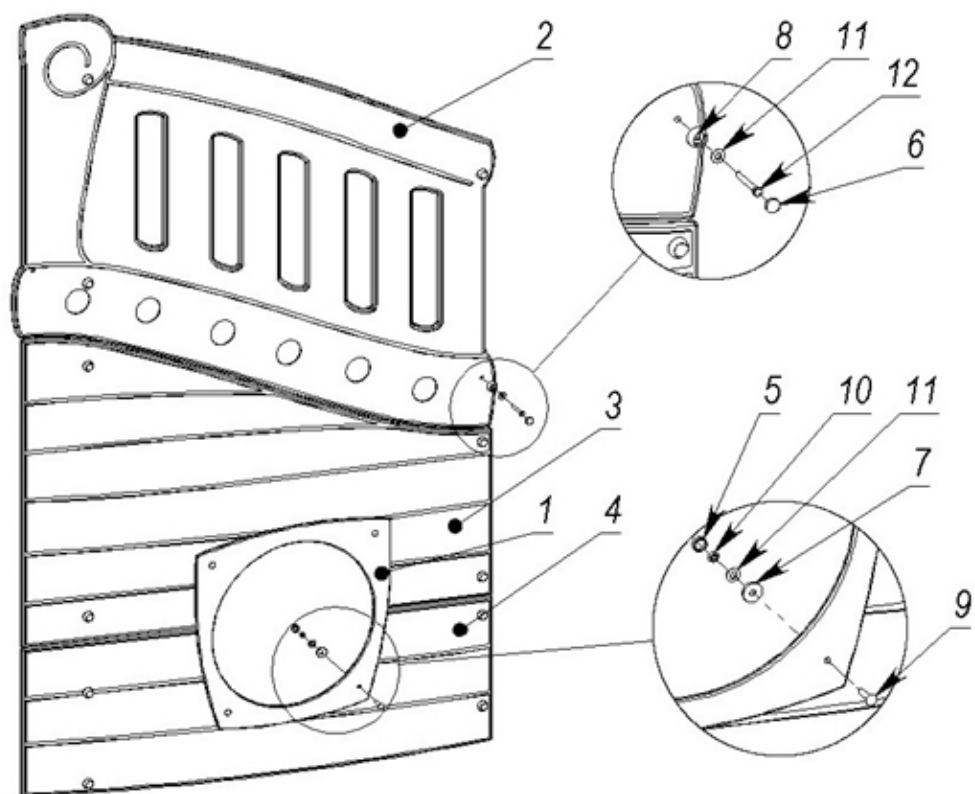
| <i>Pos.</i> | <i>Name</i>          | <i>Weight, kg</i> | <i>Q-ty</i> |
|-------------|----------------------|-------------------|-------------|
| 1           | Plate                |                   | 5           |
| 2           | Sidewall             | 7                 | 1           |
| 3           | Board                | 10                | 1           |
| 4           | Cap M8               |                   | 10          |
| 5           | Cap M8               |                   | 5           |
| 6           | Cup M8               |                   | 10          |
| 7           | Cup M8               |                   | 5           |
| 8           | Bolt M8x30 GOST7802  |                   | 5           |
| 9           | Nut M8 GOST 5915     |                   | 5           |
| 10          | Washer 10 GOST11371  |                   | 15          |
| 11          | Screw 8x50 GOST11473 |                   | 5           |
| 12          | Screw 8x70 GOST11473 |                   | 5           |

**Pic. 6 - Completeness and assembly scheme of the board assembly 1**



| <i>Pos.</i> | <i>Name</i>          | <i>Weight, kg</i> | <i>Q-ty</i> |
|-------------|----------------------|-------------------|-------------|
| 1           | Porthole             | 1                 | 1           |
| 2           | Bulwark right        | 14                | 1           |
| 3           | Right board          | 11                | 1           |
| 4           | Cover plate "Anchor" |                   | 1           |
| 5           | Right board          | 7                 | 1           |
| 6           | Cap M8               |                   | 4           |
| 7           | Cap M8               |                   | 15          |
| 8           | Cup M8               |                   | 4           |
| 9           | Cup M8               |                   | 15          |
| 10          | Bolt M8x35 GOST7802  |                   | 6           |
| 11          | Nut M8 GOST 5915     |                   | 6           |
| 12          | Washer 10 GOST11371  |                   | 19          |
| 13          | Screw 8x70 GOST11473 |                   | 13          |

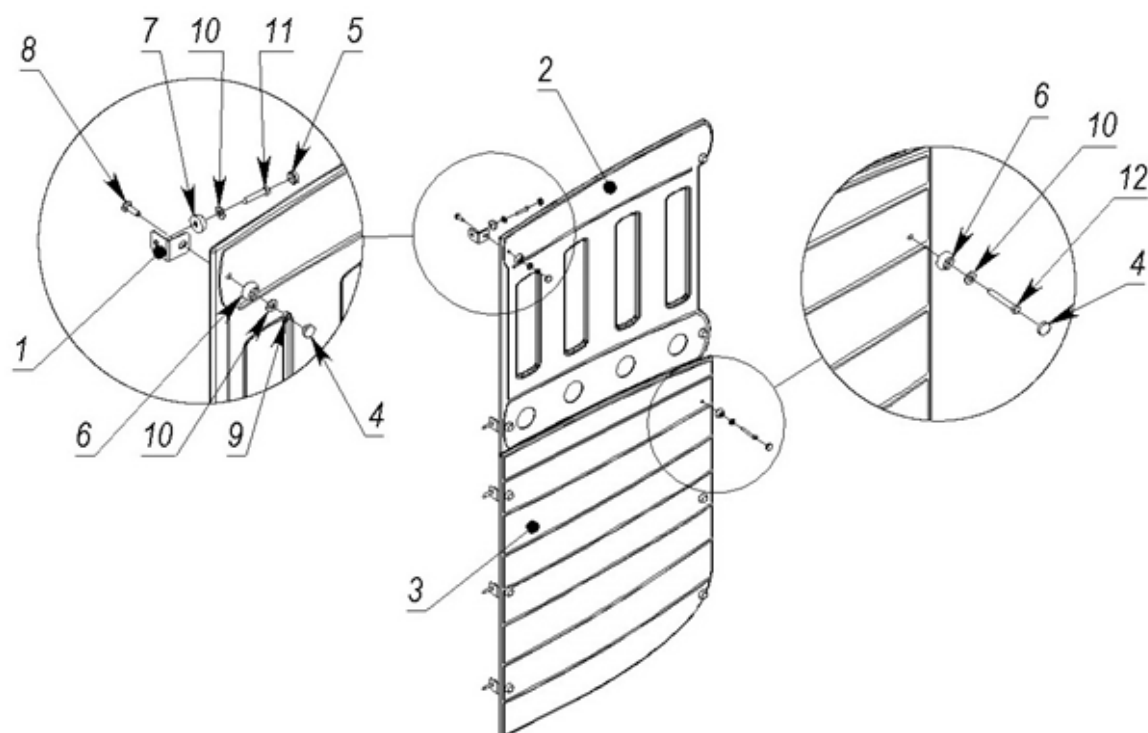
**Pic. 7 - Completeness and assembly scheme of the right board**



| <i>Pos.</i> | <i>Name</i>          | <i>Weight, kg</i> | <i>Q-ty</i> |
|-------------|----------------------|-------------------|-------------|
| 1           | Porthole             | 1                 | 1           |
| 2           | Bulwark left         | 14                | 1           |
| 3           | Left board           | 11                | 1           |
| 4           | Left board           | 6                 | 1           |
| 5           | Cap M8               |                   | 4           |
| 6           | Cap M8               |                   | 12          |
| 7           | Cup M8               |                   | 4           |
| 8           | Cup M8               |                   | 12          |
| 9           | Bolt M8x35 GOST7802  |                   | 4           |
| 10          | Nut M8 GOST 5915     |                   | 4           |
| 11          | Washer 10 GOST11371  |                   | 16          |
| 12          | Screw 8x70 GOST11473 |                   | 12          |

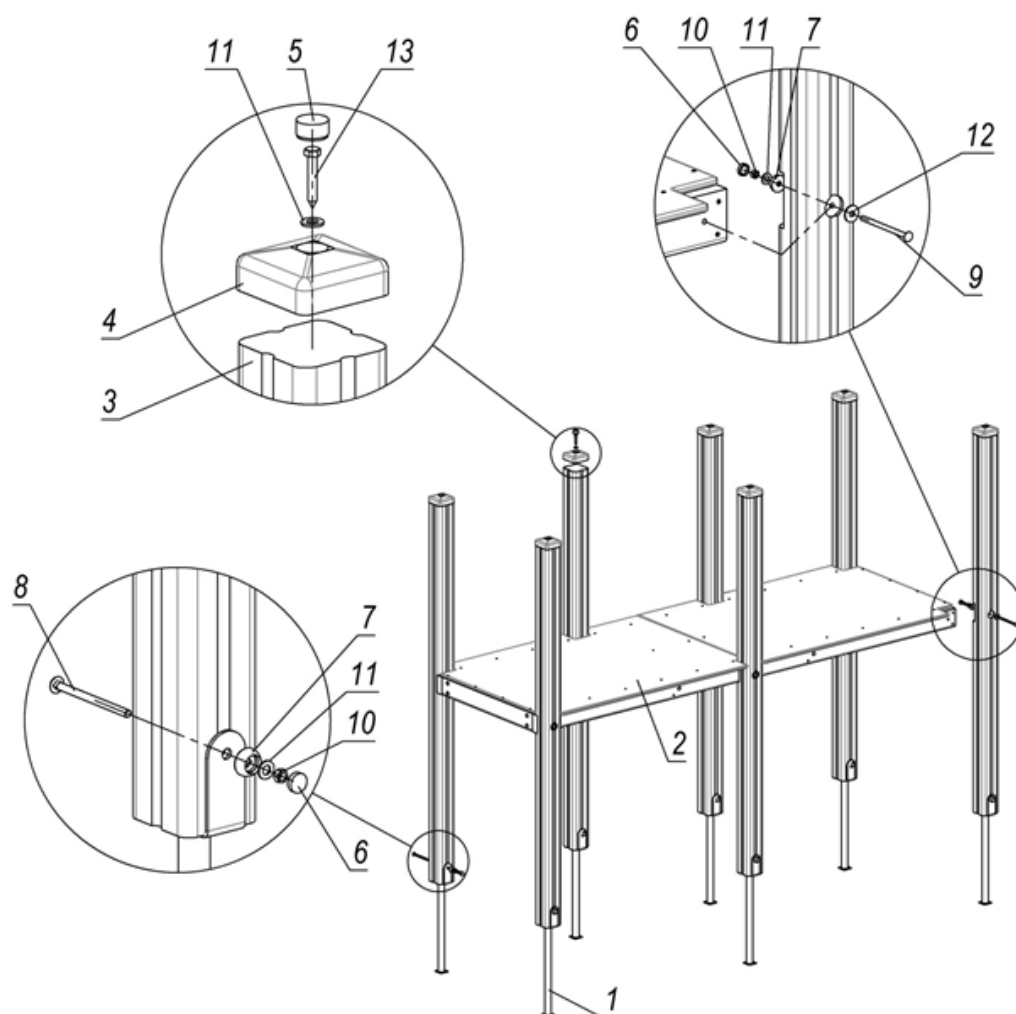
**Pic. 8 - Completeness and assembly scheme of the left board**





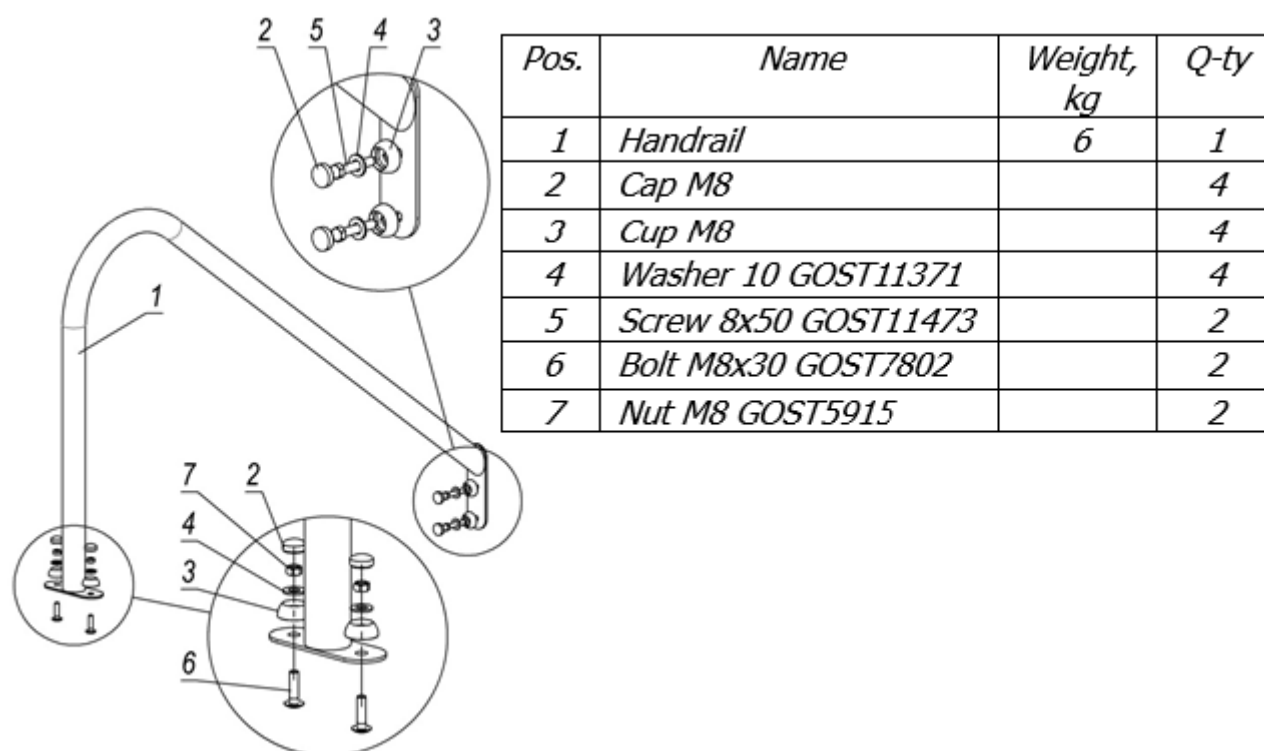
| <i>Pos.</i> | <i>Name</i>          | <i>Weight, kg</i> | <i>Q-ty</i> |
|-------------|----------------------|-------------------|-------------|
| 1           | Plate                |                   | 5           |
| 2           | Sidewall             | 6                 | 1           |
| 3           | Board                | 10                | 1           |
| 4           | Cap M8               |                   | 10          |
| 5           | Cap M8               |                   | 5           |
| 6           | Cup M8               |                   | 10          |
| 7           | Cup M8               |                   | 5           |
| 8           | Bolt M8x30 GOST7802  |                   | 5           |
| 9           | Nut M8 GOST 5915     |                   | 5           |
| 10          | Washer 10 GOST11371  |                   | 15          |
| 11          | Screw 8x50 GOST11473 |                   | 5           |
| 12          | Screw 8x70 GOST11473 |                   | 5           |

**Pic. 9 - Completeness and assembly scheme of the board assembly 2**

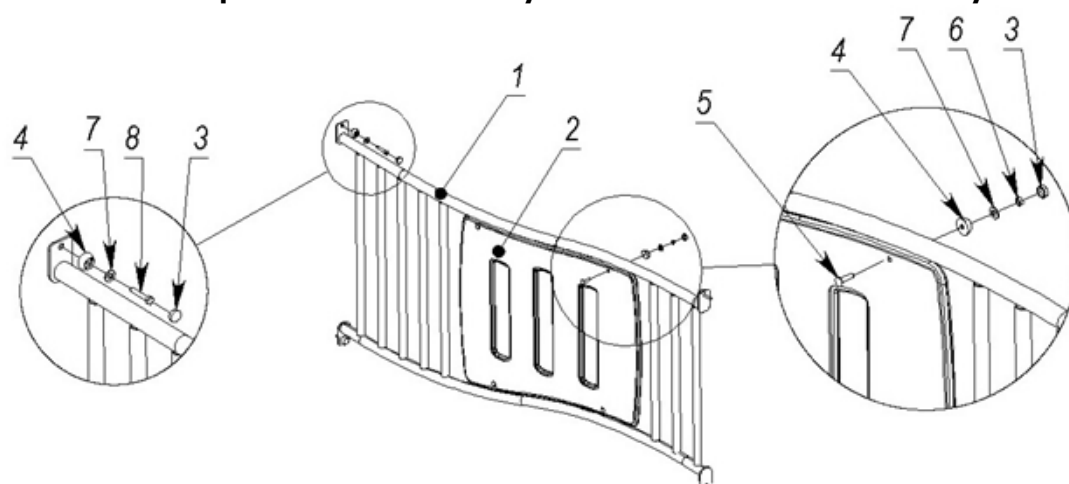


| <i>Pos.</i> | <i>Name</i>          | <i>Weight, kg</i> | <i>Q-ty</i> |
|-------------|----------------------|-------------------|-------------|
| 1           | Beam support         | 2                 | 7           |
| 2           | Site                 | 53                | 1           |
| 3           | Beam                 | 12                | 7           |
| 4           | Cap                  |                   | 7           |
| 5           | Cap                  |                   | 7           |
| 6           | Cap M8               |                   | 14          |
| 7           | Cup M8               |                   | 14          |
| 8           | Bolt M8x120 GOST7802 |                   | 7           |
| 9           | Bolt M8x130 GOST7802 |                   | 7           |
| 10          | Nut M8 GOST5915      |                   | 14          |
| 11          | Washer 10 GOST11371  |                   | 21          |
| 12          | Washer 10 GOST6958   |                   | 8           |
| 13          | Screw 8x50 GOST11473 |                   | 7           |

**Pic. 10 - Completeness and assembly scheme of the front deck**

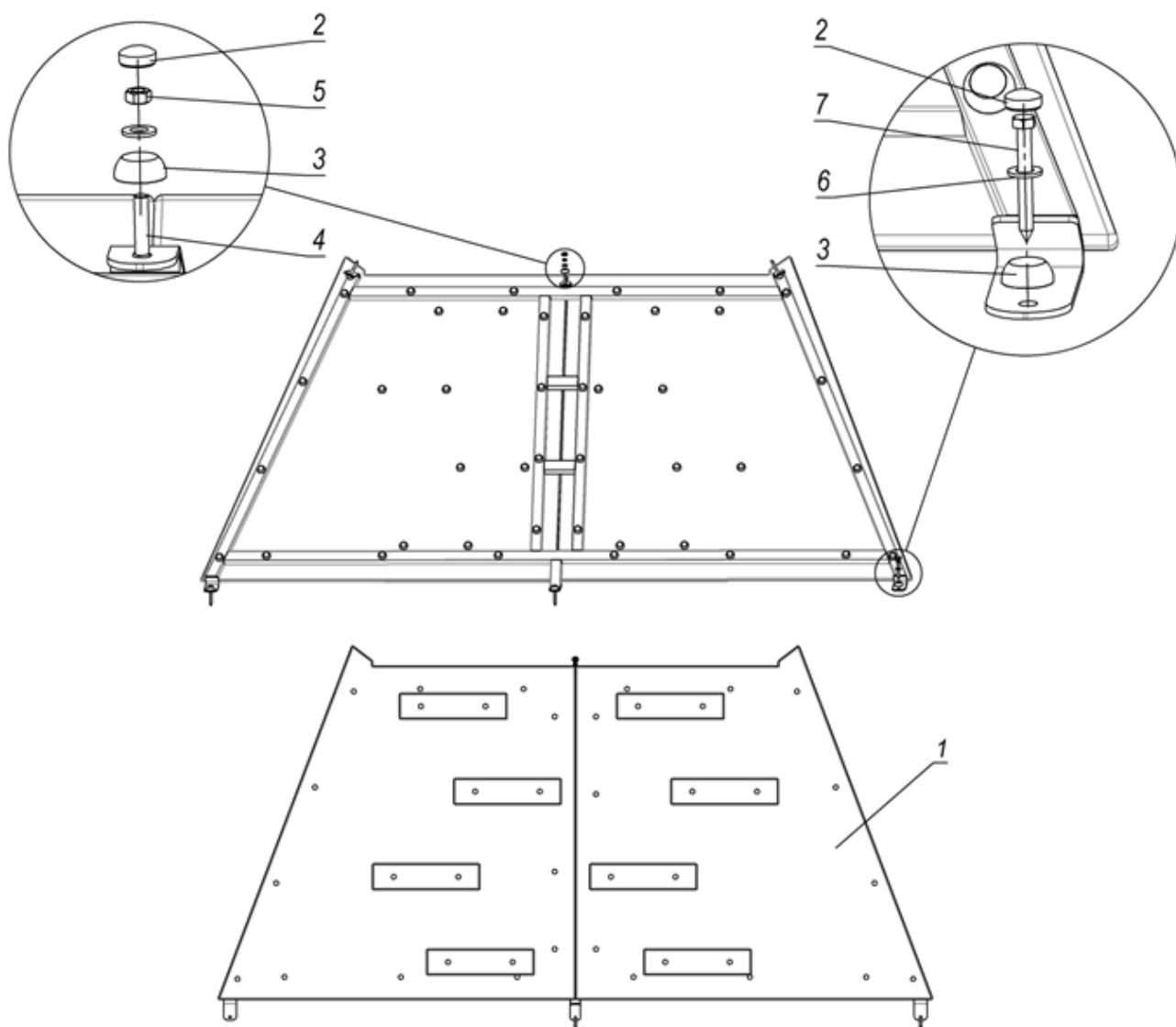


**Pic. 11 - Completeness and assembly scheme of the handrail assembly**



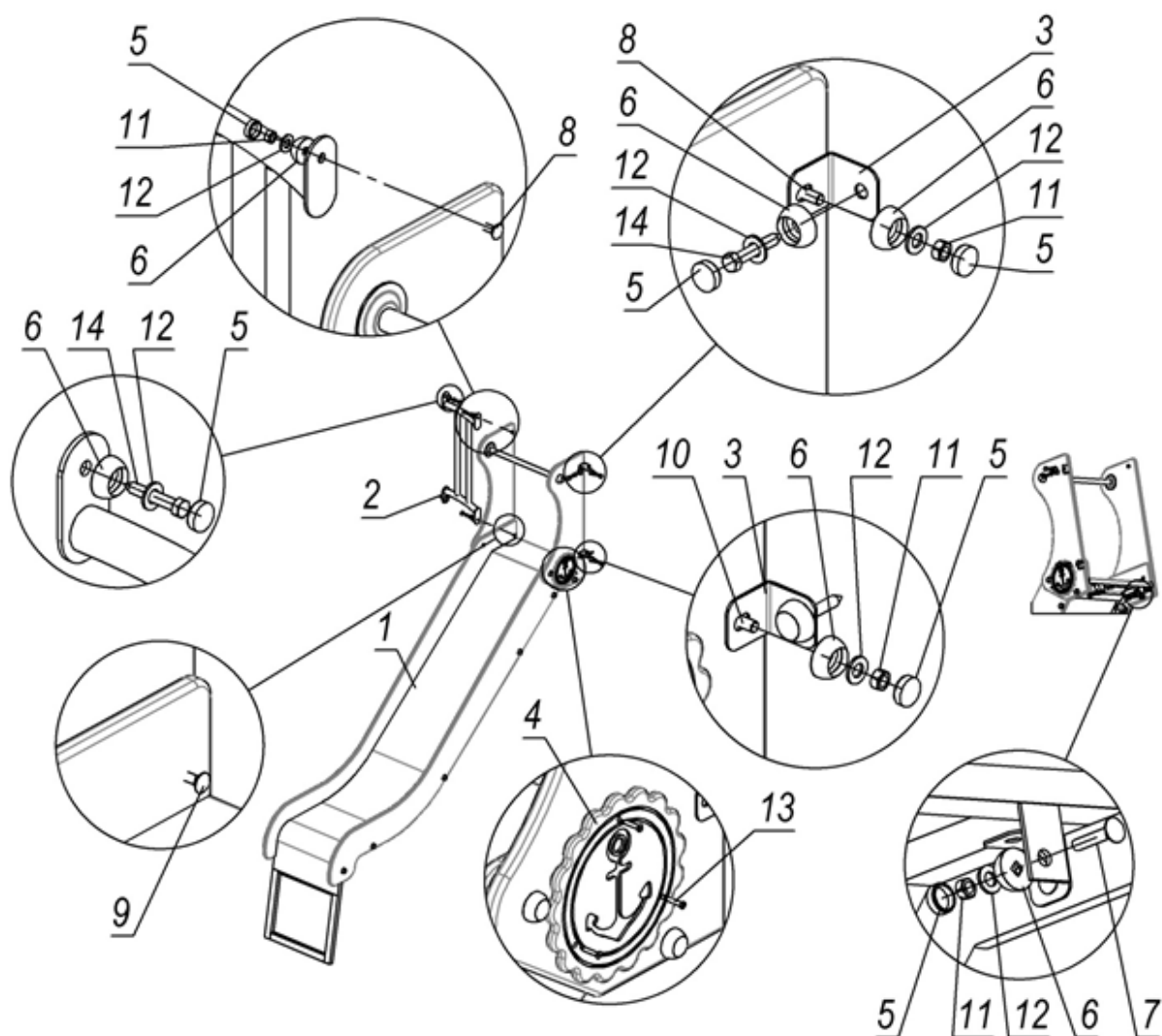
| Pos. | Name                     | Weight, kg | Q-ty |
|------|--------------------------|------------|------|
| 1    | Railing frame            | 16         | 1    |
| 2    | Cover plate for railings | 5          | 1    |
| 3    | Cap M8                   |            | 8    |
| 4    | Cup M8                   |            | 8    |
| 5    | Bolt M8x30 GOST7802      |            | 4    |
| 6    | Nut M8 GOST 5915         |            | 4    |
| 7    | Washer 10 GOST11371      |            | 8    |
| 8    | Screw 8x50 GOST11473     |            | 4    |

**Pic. 12 Completeness and assembly scheme of railings assembly 1**



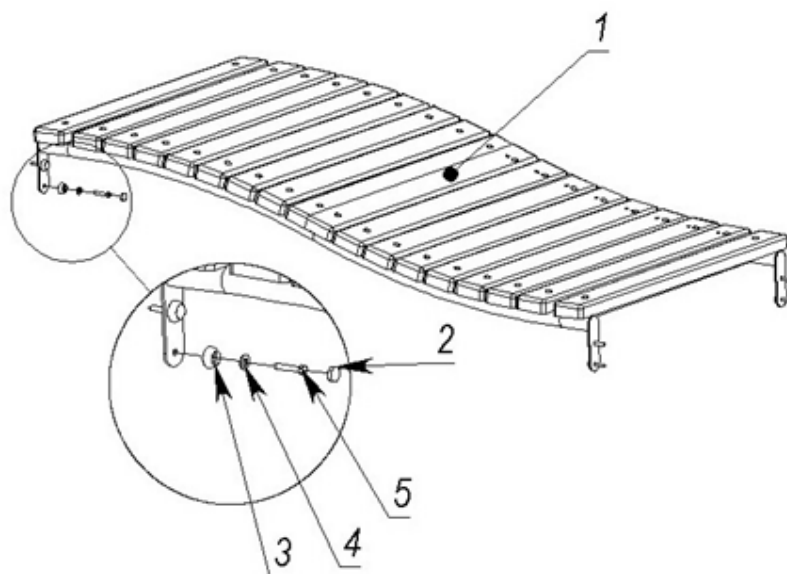
| <i>Pos.</i> | <i>Name</i>          | <i>Weight, kg</i> | <i>Q-ty</i> |
|-------------|----------------------|-------------------|-------------|
| 1           | Ascent               | 63                | 1           |
| 2           | Cap M8               |                   | 6           |
| 3           | Cup M8               |                   | 6           |
| 4           | Bolt M8x40 GOST7802  |                   | 1           |
| 5           | Nut M8 GOST5915      |                   | 1           |
| 6           | Washer 10 GOST11371  |                   | 6           |
| 7           | Screw 8x70 GOST11473 |                   | 5           |

**Pic. 13 - Completeness and assembly scheme of ascent assembly**



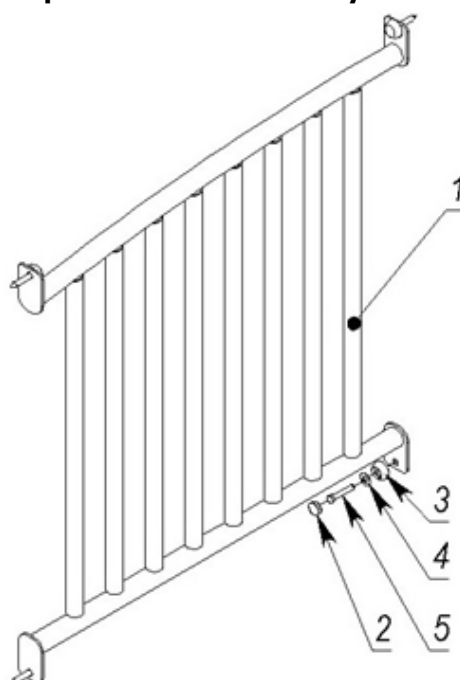
| <i>Pos.</i> | <i>Name</i>                     | <i>Weight, kg</i> | <i>Q-ty</i> |
|-------------|---------------------------------|-------------------|-------------|
| 1           | Slide 1200 mm                   | 50                | 1           |
| 2           | Slide fence                     | 3                 | 1           |
| 3           | Angle bar 45x45x40 (90 degrees) |                   | 2           |
| 4           | Cover plate Anchor              |                   | 2           |
| 5           | Cap M8                          |                   | 10          |
| 6           | Cup M8                          |                   | 10          |
| 7           | Bolt M8x40 GOST7802             |                   | 2           |
| 8           | Bolt M8x35 GOST7802             |                   | 2           |
| 9           | Bolt M8x55 GOST7802             |                   | 1           |
| 10          | Bolt M8x50 GOST7802             |                   | 1           |
| 11          | Nut M8 GOST5915                 |                   | 6           |
| 12          | Washer 10 GOST11371             |                   | 10          |
| 13          | Screw 4x25 GOST1145             |                   | 6           |
| 14          | Screw 8x50 GOST11473            |                   | 4           |

**Pic. 14 - Completeness and assembly scheme of the slide 1200 mm assembly with fence**



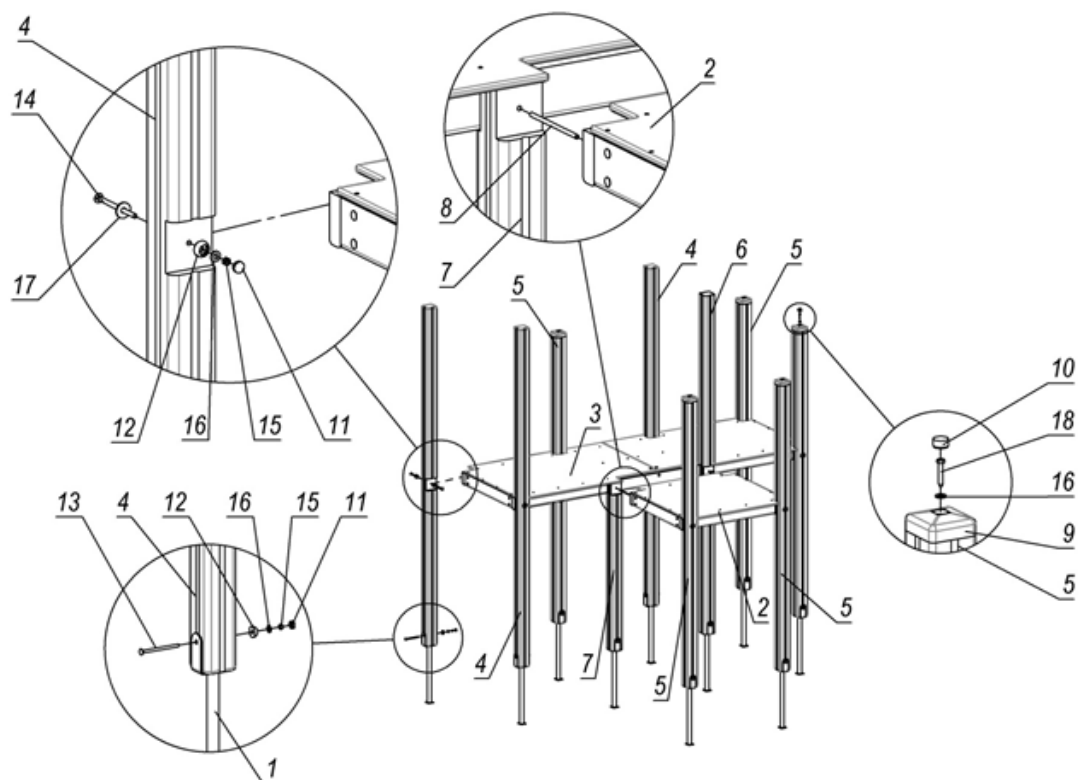
| <i>Pos.</i> | <i>Name</i>               | <i>Weight, kg</i> | <i>Q-ty</i> |
|-------------|---------------------------|-------------------|-------------|
| 1           | Wavy bridge (drop 300 mm) | 65                | 1           |
| 2           | Cap M8                    |                   | 8           |
| 3           | Cup M8                    |                   | 8           |
| 4           | Washer 10 GOST11371       |                   | 8           |
| 5           | Screw 8x50 GOST11473      |                   | 8           |

**Pic. 15 - Completeness and assembly scheme of the wavy bridge**



| <i>Pos.</i> | <i>Name</i>          | <i>Weight, kg</i> | <i>Q-ty</i> |
|-------------|----------------------|-------------------|-------------|
| 1           | Railings             | 12                | 1           |
| 2           | Cap M8               |                   | 4           |
| 3           | Cup M8               |                   | 4           |
| 4           | Washer 10 GOST11371  |                   | 4           |
| 5           | Screw 8x50 GOST11473 |                   | 4           |

**Pic. 16 - Completeness and assembly scheme of railings assembly 2**

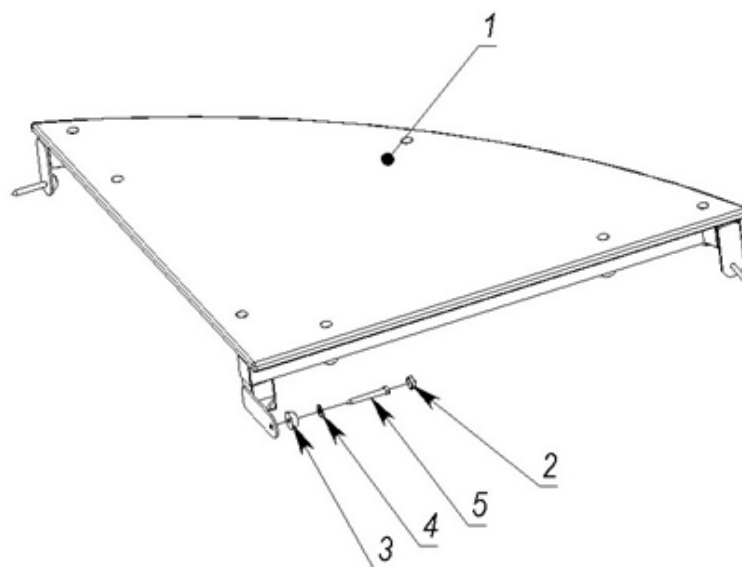


| <i>Pos.</i> | <i>Name</i>          | <i>Weight, kg</i> | <i>Q-ty</i> |
|-------------|----------------------|-------------------|-------------|
| 1           | Beam support         | 2                 | 10          |
| 2           | Site                 | 19                | 1           |
| 3           | Site                 | 52                | 1           |
| 4           | Beam                 | 17                | 3           |
| 5           | Beam                 | 15                | 5           |
| 6           | Beam                 | 17                | 1           |
| 7           | Beam                 | 8                 | 1           |
| 8           | Sprig L=165mm        |                   | 2           |
| 9           | Cap                  |                   | 5           |
| 10          | Cap                  |                   | 5           |
| 11          | Cap M8               |                   | 22          |
| 12          | Cup M8               |                   | 22          |
| 13          | Bolt M8x120 GOST7802 |                   | 10          |
| 14          | Bolt M8x130 GOST7802 |                   | 8           |
| 15          | Nut M8 GOST5915      |                   | 22          |
| 16          | Washer 10 GOST11371  |                   | 27          |
| 17          | Washer 10 GOST6958   |                   | 8           |
| 18          | Screw 8x50 GOST11473 |                   | 5           |



**Pic. 17 - Completeness and assembly scheme of rear deck**





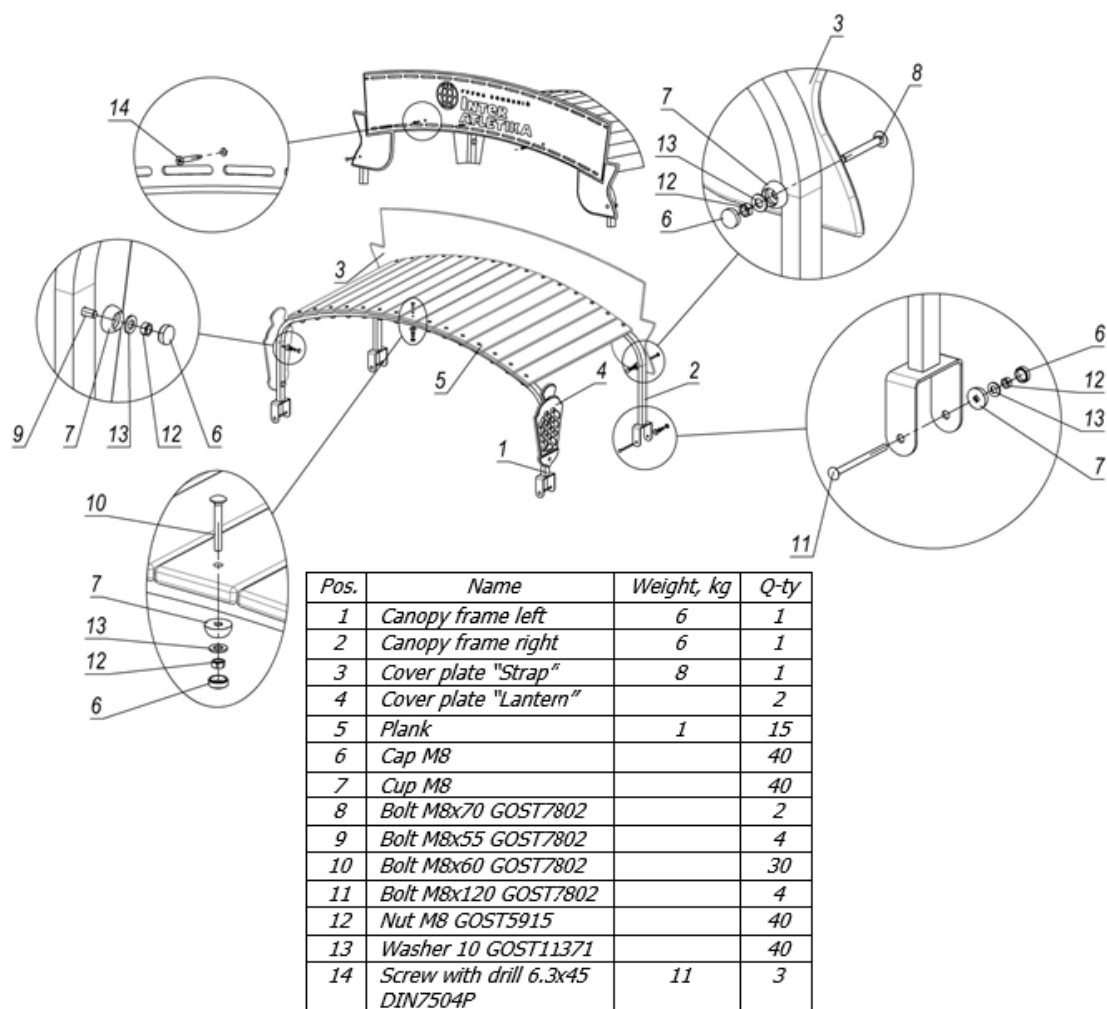
| <i>Pos.</i> | <i>Name</i>          | <i>Weight, kg</i> | <i>Q-ty</i> |
|-------------|----------------------|-------------------|-------------|
| 1           | Triangular site      | 14                | 1           |
| 2           | Cap M8               |                   | 3           |
| 3           | Cup m8               |                   | 3           |
| 4           | Washer 10 GOST11371  |                   | 3           |
| 5           | Screw 8x70 GOST11473 |                   | 3           |

**Pic. 18 - Completeness and assembly scheme of triangular site assembly**

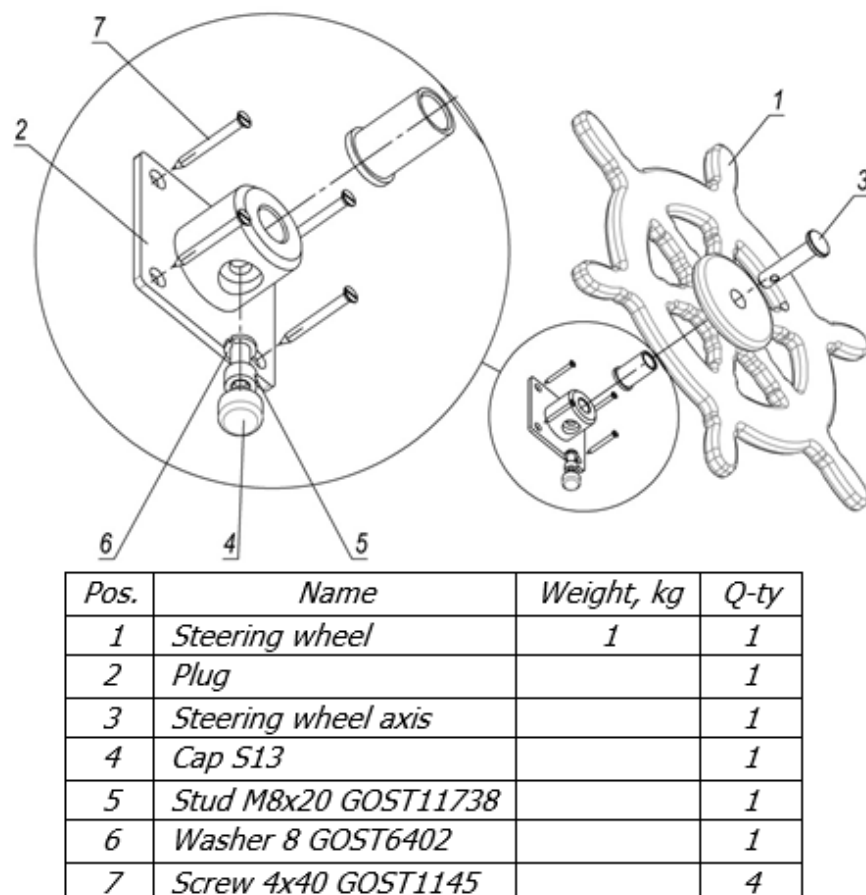


| <i>Pos.</i> | <i>Name</i>          | <i>Weight, kg</i> | <i>Q-ty</i> |
|-------------|----------------------|-------------------|-------------|
| 1           | Railings             | 15                | 1           |
| 2           | Cap M8               |                   | 4           |
| 3           | Cup M8               |                   | 4           |
| 4           | Washer 10 GOST11371  |                   | 4           |
| 5           | Screw 8x50 GOST11473 |                   | 4           |

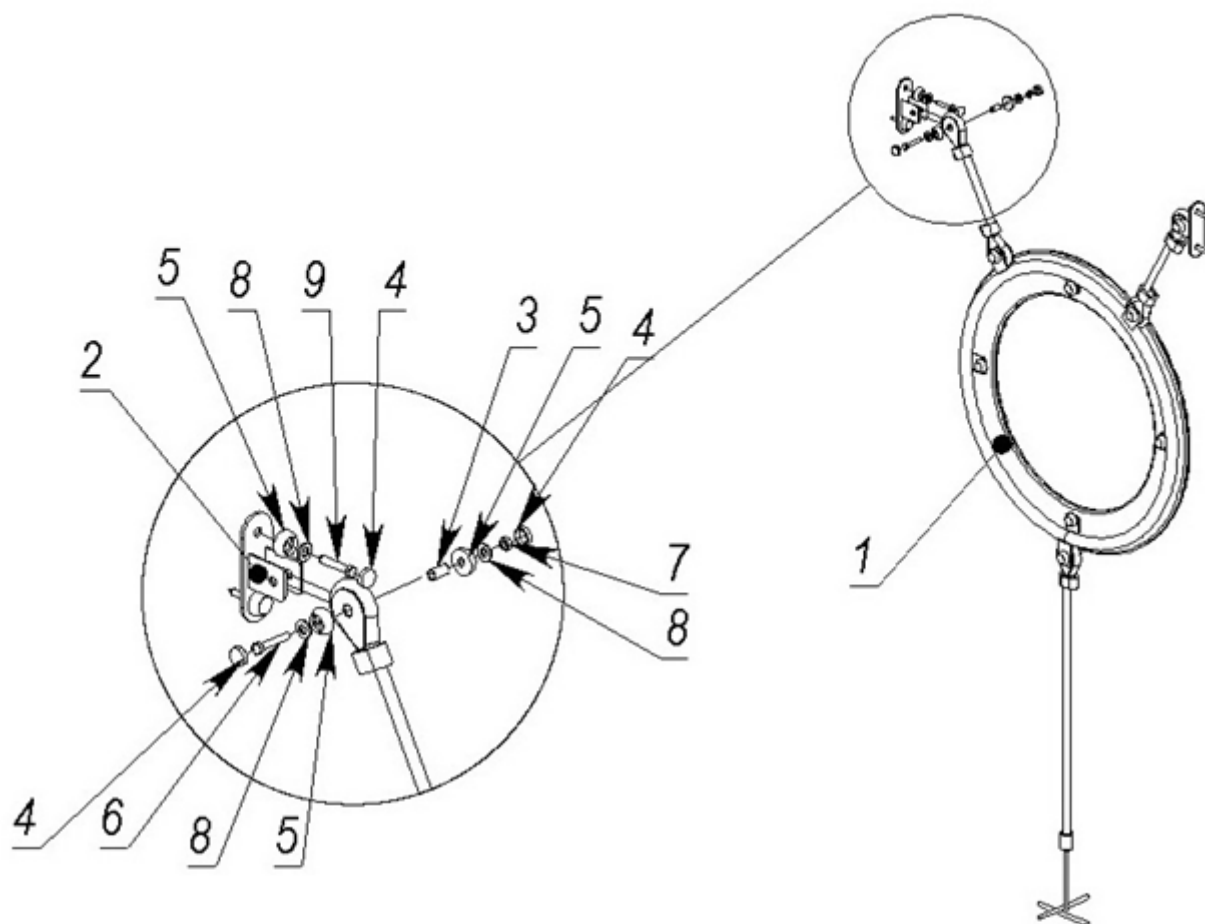
**Pic. 19 - Completeness and assembly scheme of fence assembly**



**Pic. 20 - Completeness and assembly scheme of canopy assembly**

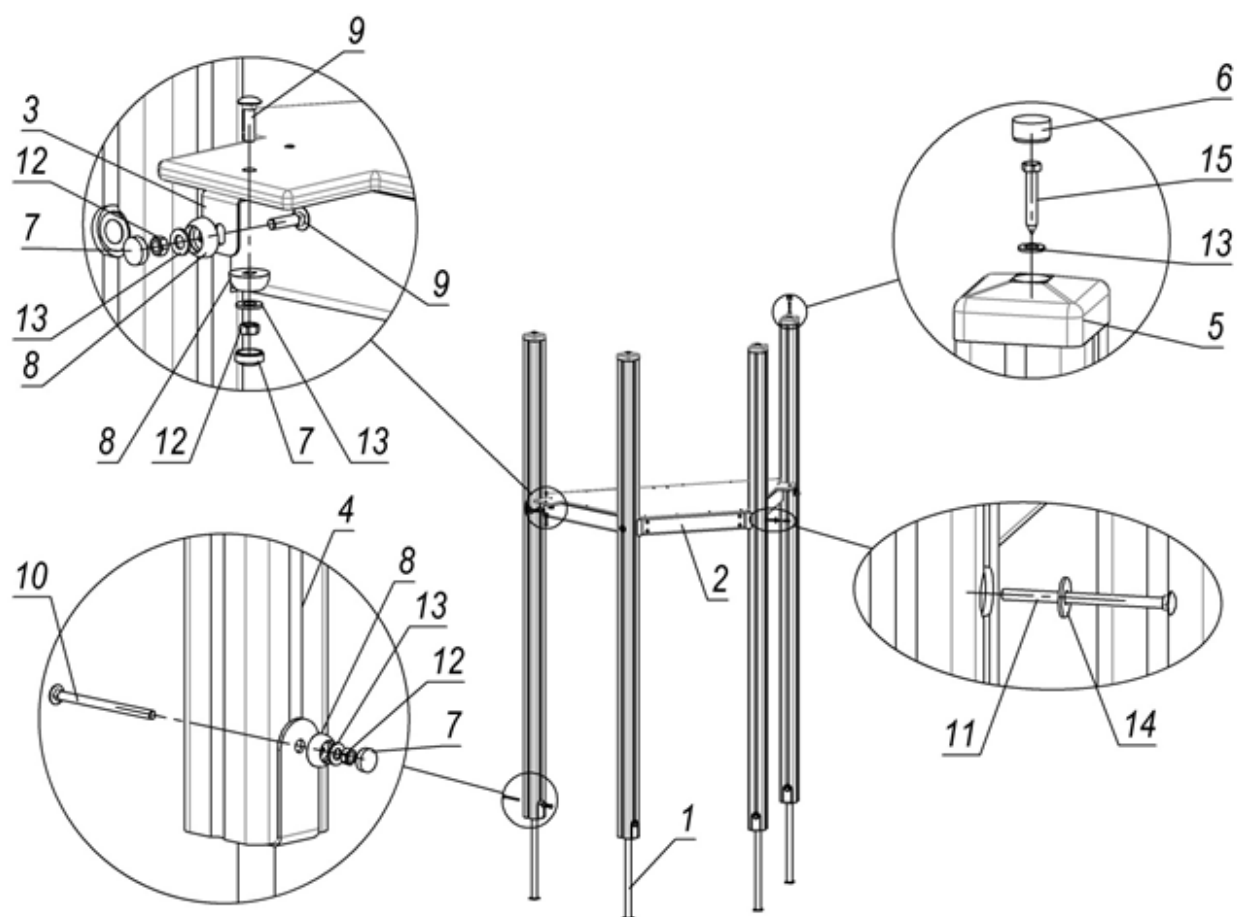


**Pic. 21 - Completeness and assembly scheme of steering wheel assembly**



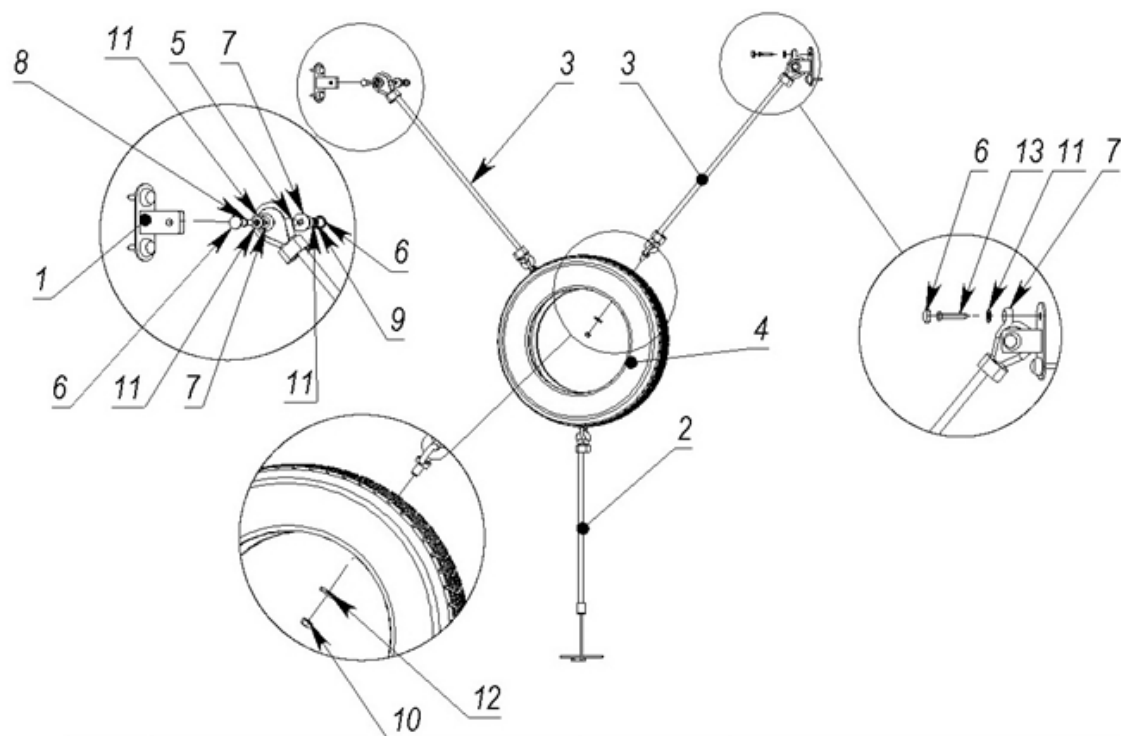
| <i>Pos.</i> | <i>Name</i>          | <i>Weight, kg</i> | <i>Q-ty</i> |
|-------------|----------------------|-------------------|-------------|
| 1           | Ring                 | 7                 | 1           |
| 2           | Bracket              |                   | 2           |
| 3           | Bung                 |                   | 2           |
| 4           | Cap M8               |                   | 8           |
| 5           | Cup M8               |                   | 8           |
| 6           | Bolt M8x45 GOST 7798 |                   | 2           |
| 7           | Nut M8 GOST 5915     |                   | 2           |
| 8           | Washer 10 GOST11371  |                   | 8           |
| 9           | Screw 8x50 GOST11473 |                   | 4           |

**Pic. 22 - Completeness and assembly scheme of ring assembly**



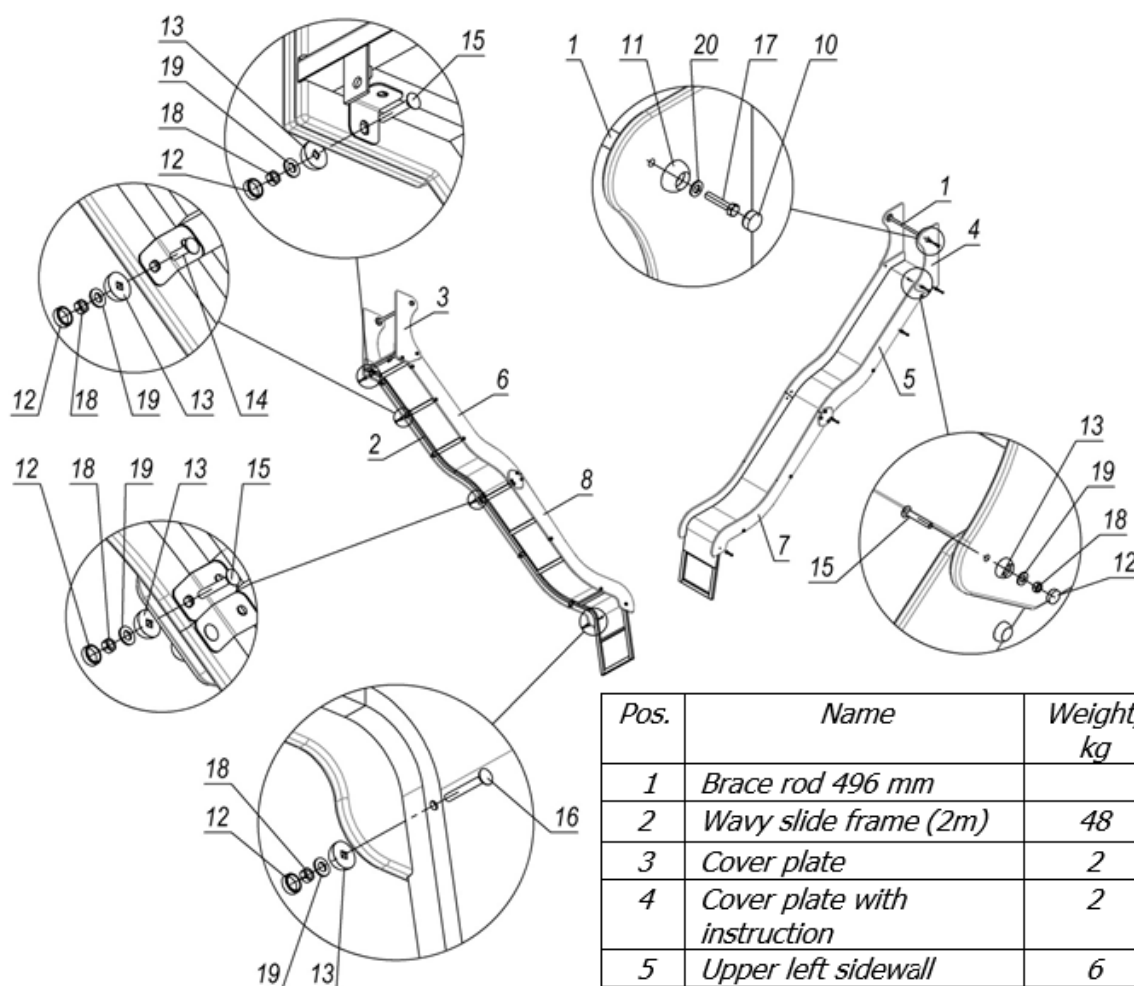
| <i>Pos.</i> | <i>Name</i>                     | <i>Weight, kg</i> | <i>Q-ty</i> |
|-------------|---------------------------------|-------------------|-------------|
| 1           | Beam support                    | 2                 | 4           |
| 2           | Site                            | 19                | 1           |
| 3           | Angle bar 45x45x40 (90 degrees) |                   | 2           |
| 4           | Beam                            | 17                | 4           |
| 5           | Cap                             |                   | 4           |
| 6           | Cap                             |                   | 4           |
| 7           | Cap M8                          |                   | 12          |
| 8           | Cup M8                          |                   | 12          |
| 9           | Bolt M8x30 GOST7802             |                   | 4           |
| 10          | Bolt M8x120 GOST7802            |                   | 4           |
| 11          | Bolt M8x130 GOST7802            |                   | 4           |
| 12          | Nut M8 GOST5915                 |                   | 12          |
| 13          | Washer 10 GOST11371             |                   | 16          |
| 14          | Washer 10 GOST6958              |                   | 4           |
| 15          | Screw 8x50 GOST11473            |                   | 4           |

**Pic. 23 - Completeness and assembly scheme of tower**



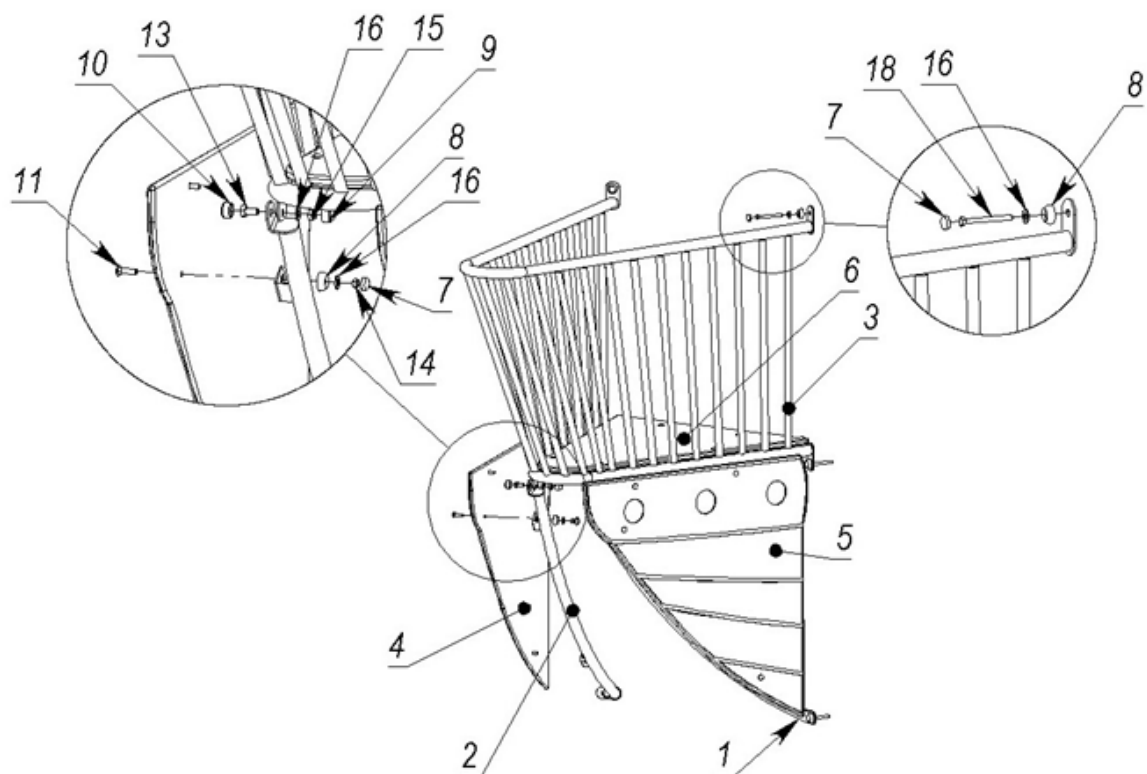
| <i>Pos.</i> | <i>Name</i>                         | <i>Weight, kg</i> | <i>Q-ty</i> |
|-------------|-------------------------------------|-------------------|-------------|
| 1           | Bracket                             |                   | 2           |
| 2           | Rope assembly with embedded element | 1                 | 1           |
| 3           | Rope assembly                       |                   | 2           |
| 4           | Car tyre                            | 7                 | 1           |
| 5           | Bung                                |                   | 2           |
| 6           | Cap M8                              |                   | 8           |
| 7           | Cup M8                              |                   | 8           |
| 8           | Bolt M8x45 GOST 7798                |                   | 2           |
| 9           | Nut M8 GOST 5915                    |                   | 2           |
| 10          | Nut M10 GOST 5915                   |                   | 3           |
| 11          | Washer 10 GOST11371                 |                   | 8           |
| 12          | Washer 10 GOST6958                  |                   | 3           |
| 13          | Screw 8x50 GOST11473                |                   | 4           |

**Pic. 24 - Completeness and assembly scheme of tyre with mounting for T918**



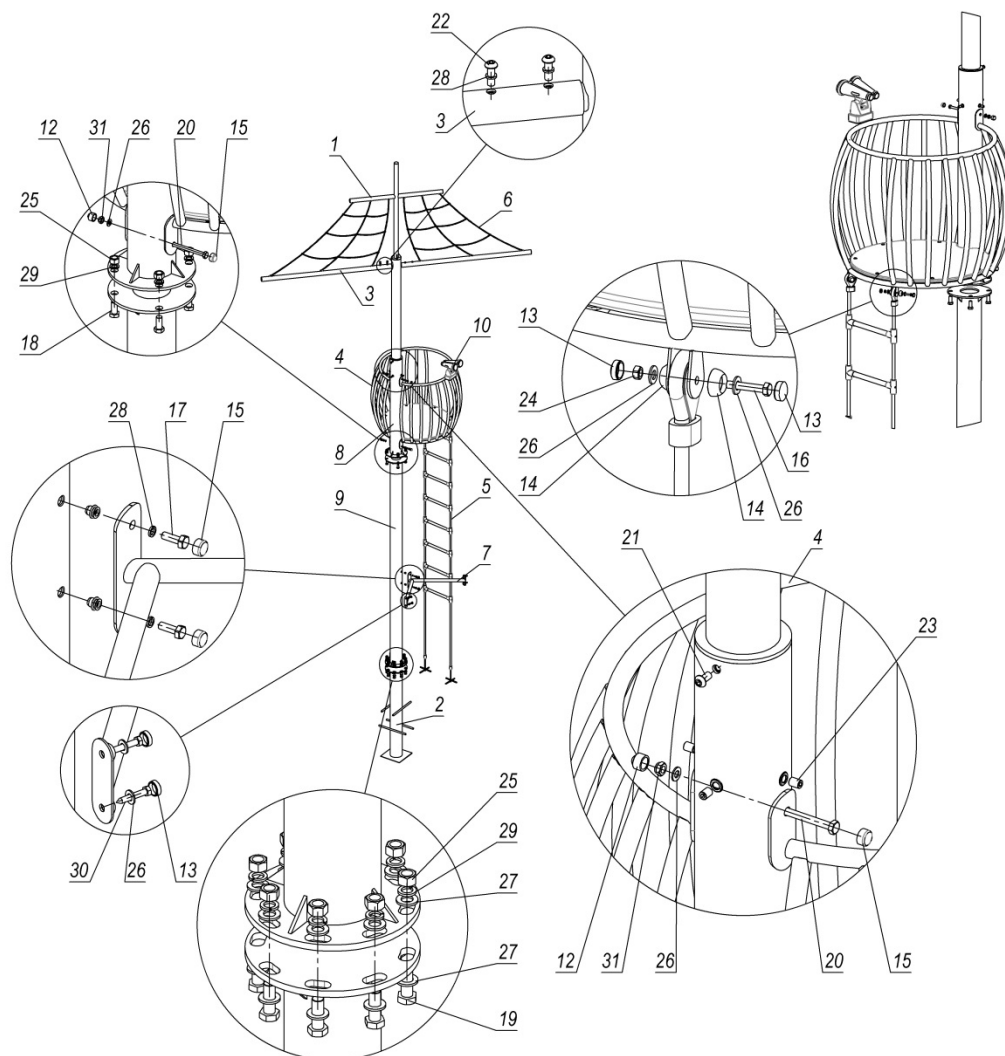
| Pos. | Name                         | Weight, kg | Q-ty |
|------|------------------------------|------------|------|
| 1    | Brace rod 496 mm             |            | 1    |
| 2    | Wavy slide frame (2m)        | 48         | 1    |
| 3    | Cover plate                  | 2          | 1    |
| 4    | Cover plate with instruction | 2          | 1    |
| 5    | Upper left sidewall          | 6          | 1    |
| 6    | Upper right sidewall         | 6          | 1    |
| 7    | Bottom left sidewall         | 5          | 1    |
| 8    | Bottom right sidewall        | 5          | 1    |
| 9    | Cover plate connector        |            | 2    |
| 10   | Cap M10, M12                 |            | 2    |
| 11   | Cup M10, M12                 |            | 2    |
| 12   | Cap M8                       |            | 24   |
| 13   | Cup M8                       |            | 24   |
| 14   | Bolt M8x30 GOST7802          |            | 10   |
| 15   | Bolt M8x50 GOST7802          |            | 12   |
| 16   | Bolt M8x60 GOST7802          |            | 2    |
| 17   | Bolt M10x50 GOST7798         |            | 2    |
| 18   | Nut M8 GOST5915              |            | 24   |
| 19   | Washer 10 GOST11371          |            | 24   |
| 20   | Washer 12 GOST11371          |            | 2    |

**Pic. 25 - Completeness and assembly scheme of wavy slide**



| <i>Pos.</i> | <i>Name</i>             | <i>Weight, kg</i> | <i>Q-ty</i> |
|-------------|-------------------------|-------------------|-------------|
| 1           | Spacer                  | 3                 | 1           |
| 2           | Spacer                  | 3                 | 1           |
| 3           | Bow frame               | 32                | 1           |
| 4           | Cover plate "Bow" right | 5                 | 1           |
| 5           | Cover plate "Bow" left  | 5                 | 1           |
| 6           | Site                    | 5                 | 1           |
| 7           | Cap M8                  |                   | 20          |
| 8           | Cup M8                  |                   | 20          |
| 9           | Cap 17 fig.             |                   | 2           |
| 10          | Cap 19 fl.              |                   | 2           |
| 11          | Bolt M8x30 GOST7802     |                   | 8           |
| 12          | Bolt M8x35 GOST7802     |                   | 6           |
| 13          | Bolt M10x20 GOST 7798   |                   | 2           |
| 14          | Nut M8 GOST 5915        |                   | 14          |
| 15          | Nut M10 DIN985          |                   | 2           |
| 16          | Washer 10 GOST11371     |                   | 22          |
| 17          | Screw 8x70 GOST11473    |                   | 2           |
| 18          | Screw 8x90 GOST11473    |                   | 4           |

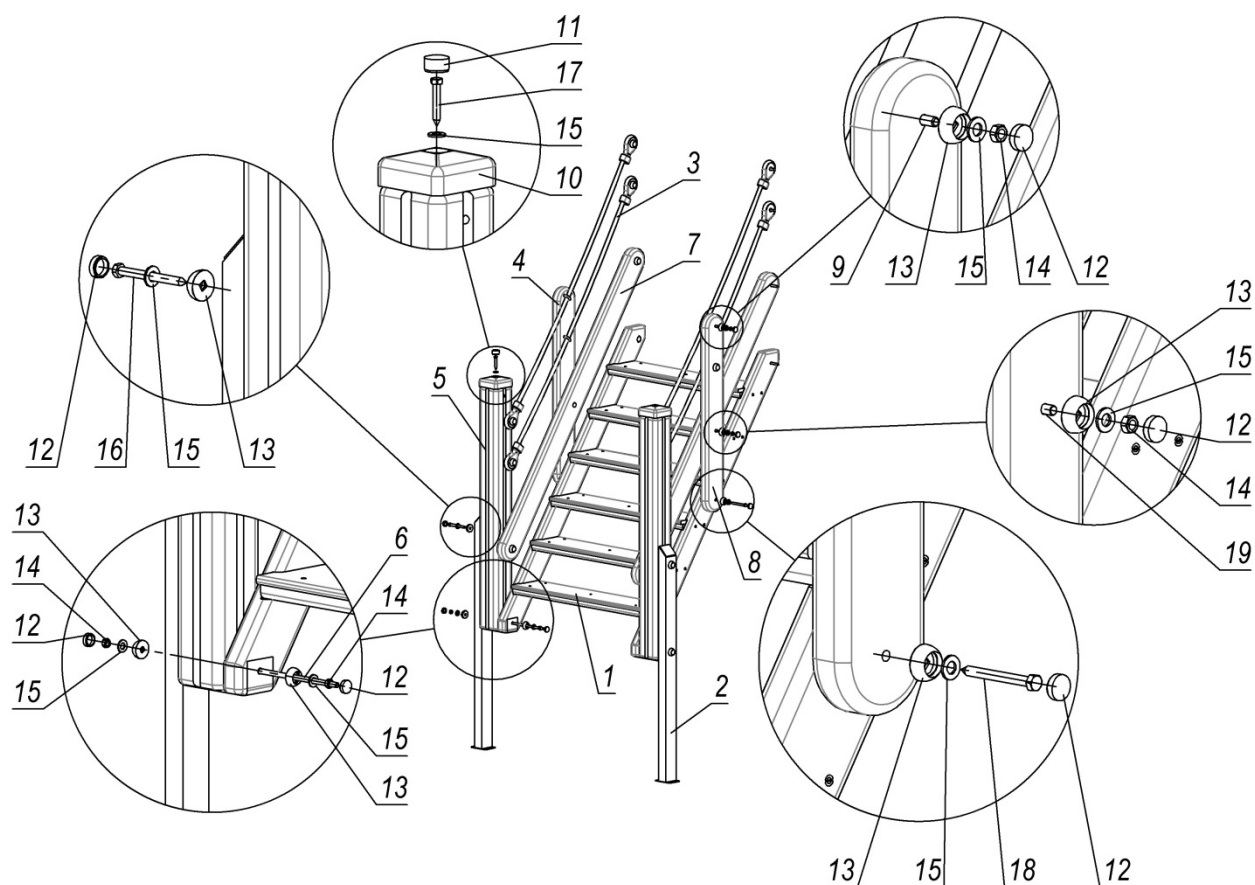
**Pic. 26 - Completeness and assembly scheme of ship's bow**



| Pos. | Name                           | Weight, kg | Q-ty |
|------|--------------------------------|------------|------|
| 1    | Mast top                       | 26         | 1    |
| 2    | Mast embedded element          | 21         | 1    |
| 3    | Sailyard                       | 5          | 2    |
| 4    | Basket                         | 41         | 1    |
| 5    | Ladder with plastic crossbars  | 5          | 1    |
| 6    | Mesh                           |            | 2    |
| 7    | Spacer                         | 3          | 1    |
| 8    | Rack                           | 18         | 1    |
| 9    | Rack                           | 38         | 1    |
| 10   | Binocular                      |            | 1    |
| 11   | Tube d12x1.5 GOST10704, L=22mm |            | 2    |
| 12   | Cap 17 fl.                     |            | 2    |
| 13   | Cap M8                         |            | 8    |
| 14   | Cup M8                         |            | 8    |
| 15   | Cap 17 fl.                     | 2          | 4    |
| 16   | Bolt M8x45 GOST7798            |            | 2    |
| 17   | Bolt M10x30 GOST7798           |            | 2    |
| 18   | Bolt M16x35 GOST7798           |            | 4    |
| 19   | Bolt M16x45 GOST7798           |            | 8    |
| 20   | Bolt M10x160 GOST7798          |            | 4    |
| 21   | Stud M10x20 ISO7380            |            | 1    |
| 22   | Stud M10x30 ISO7380            |            | 4    |
| 23   | Stud M12x16 GOST11074-93       | 13         | 4    |
| 24   | Nut M8 GOST5915                |            | 2    |
| 25   | Nut M16 GOST5915               |            | 12   |
| 26   | Washer 10 GOST11371            |            | 10   |
| 27   | Washer 16 GOST11371            |            | 16   |
| 28   | Washer 10 GOST6402             |            | 6    |
| 29   | Washer 16 GOST6402             |            | 12   |
| 30   | Screw 8x50 GOST11473           |            | 4    |
| 31   | Self-locking nut M10 DIN985    |            | 4    |

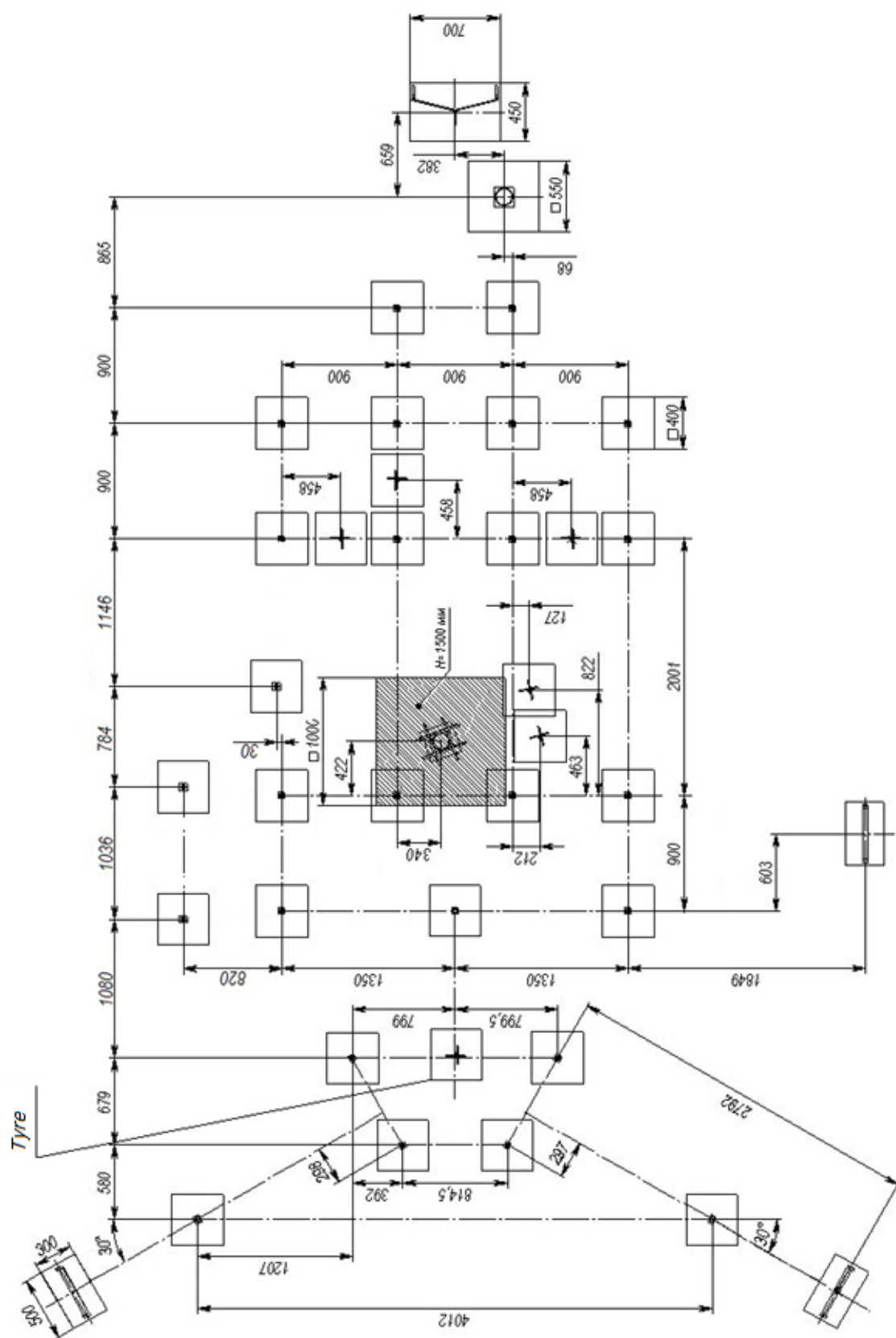
**Pic. 27 - Completeness and assembly scheme of mast**



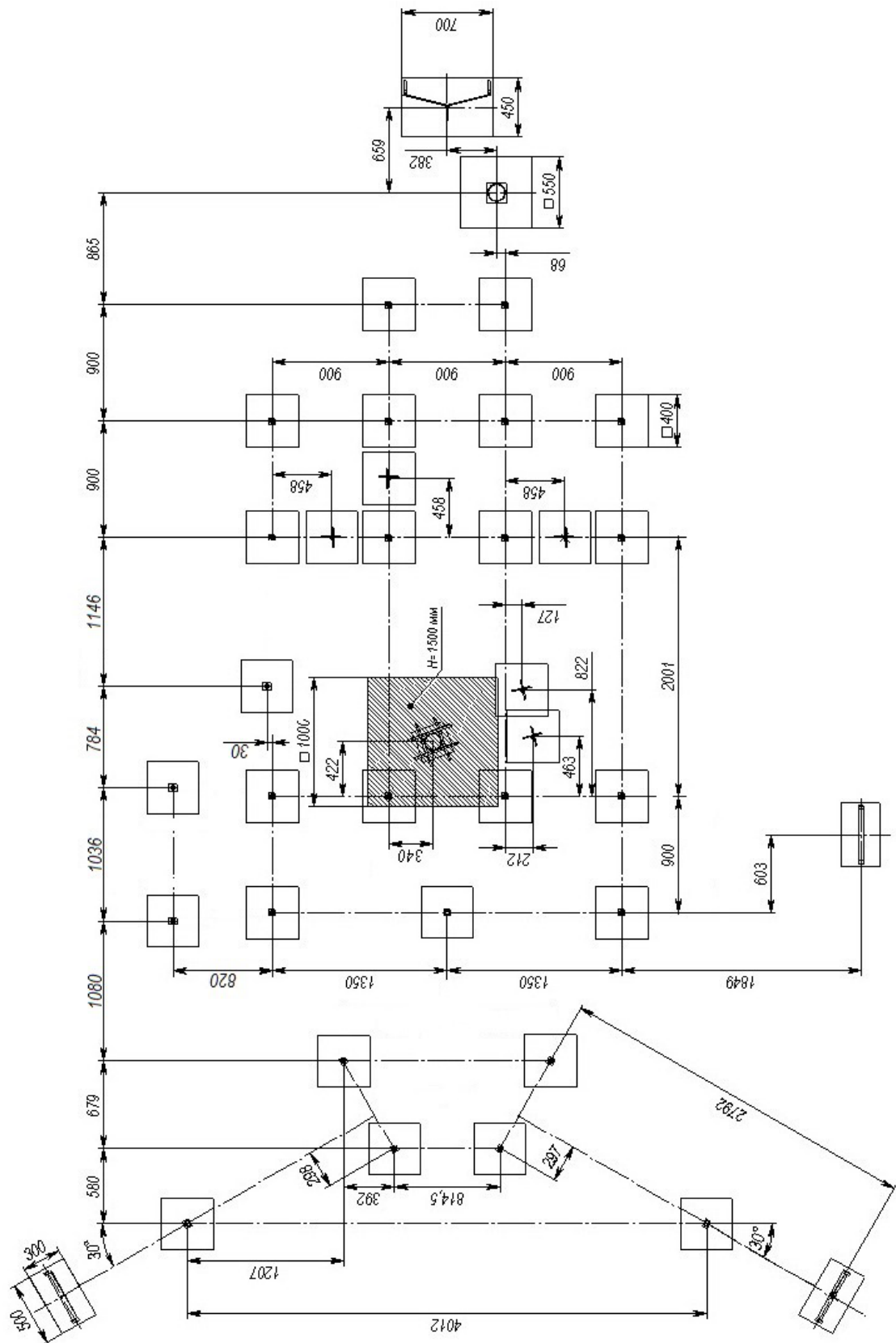


| <i>Pos.</i> | <i>Name</i>          | <i>Weight, kg</i> | <i>Q-ty</i> |
|-------------|----------------------|-------------------|-------------|
| 1           | Stairs               | 23                | 1           |
| 2           | Rack                 | 4                 | 2           |
| 3           | Rope assembly        | 3                 | 4           |
| 4           | Rack                 | 2                 | 1           |
| 5           | Support              | 6                 | 2           |
| 6           | Sprig L=210 mm       |                   | 2           |
| 7           | Handrail             | 3                 | 2           |
| 8           | Rack                 | 2                 | 1           |
| 9           | Clamp                |                   | 4           |
| 10          | Cap                  |                   | 2           |
| 11          | Cap                  |                   | 2           |
| 12          | Cap M8               |                   | 28          |
| 13          | Cup M8               |                   | 28          |
| 14          | Nut M8 GOST5915      |                   | 10          |
| 15          | Washer 10 GOST11371  |                   | 30          |
| 16          | Screw 8x90 GOST11473 |                   | 8           |
| 17          | Screw 8x50 GOST11473 |                   | 2           |
| 18          | Screw 8x70 GOST11473 |                   | 10          |
| 19          | Bolt M8x90 GOST7802  |                   | 2           |

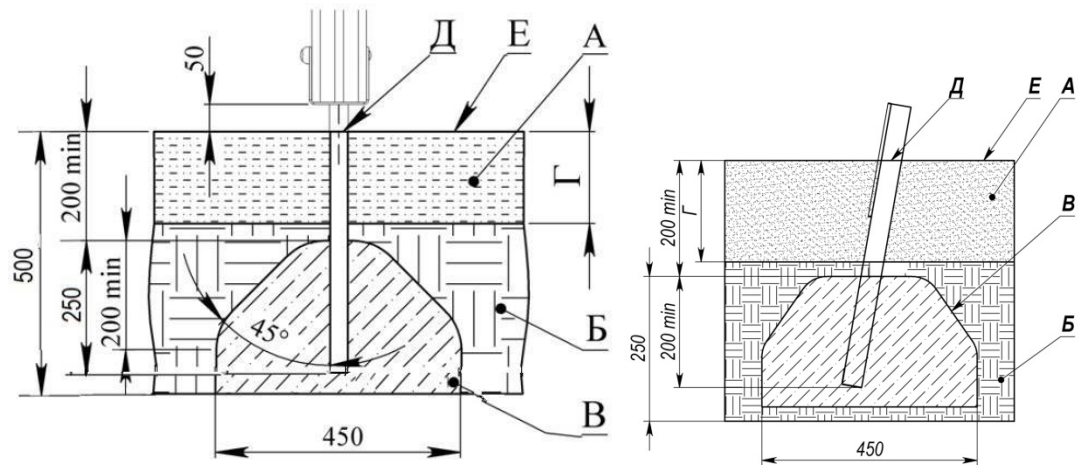
**Pic. 28 - Completeness and assembly scheme of ship stairs**



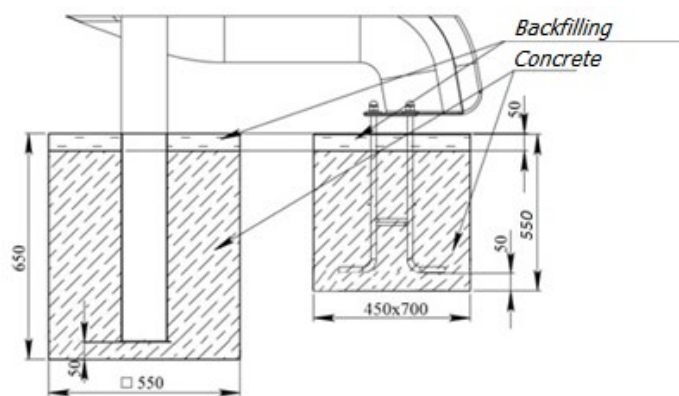
For T918



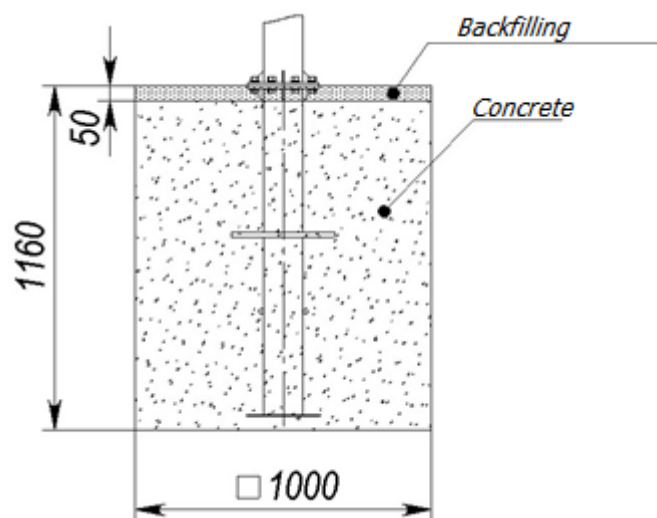
Pic. 29 - Layout of foundations for T918-M



*A - shock-absorbing coating;*  
*Б – soil;*  
*B – concrete;*  
*Г - depth of the shock absorbing coating;*  
*Д - product level plane;*  
*Е – game surface.*



for spiral descent



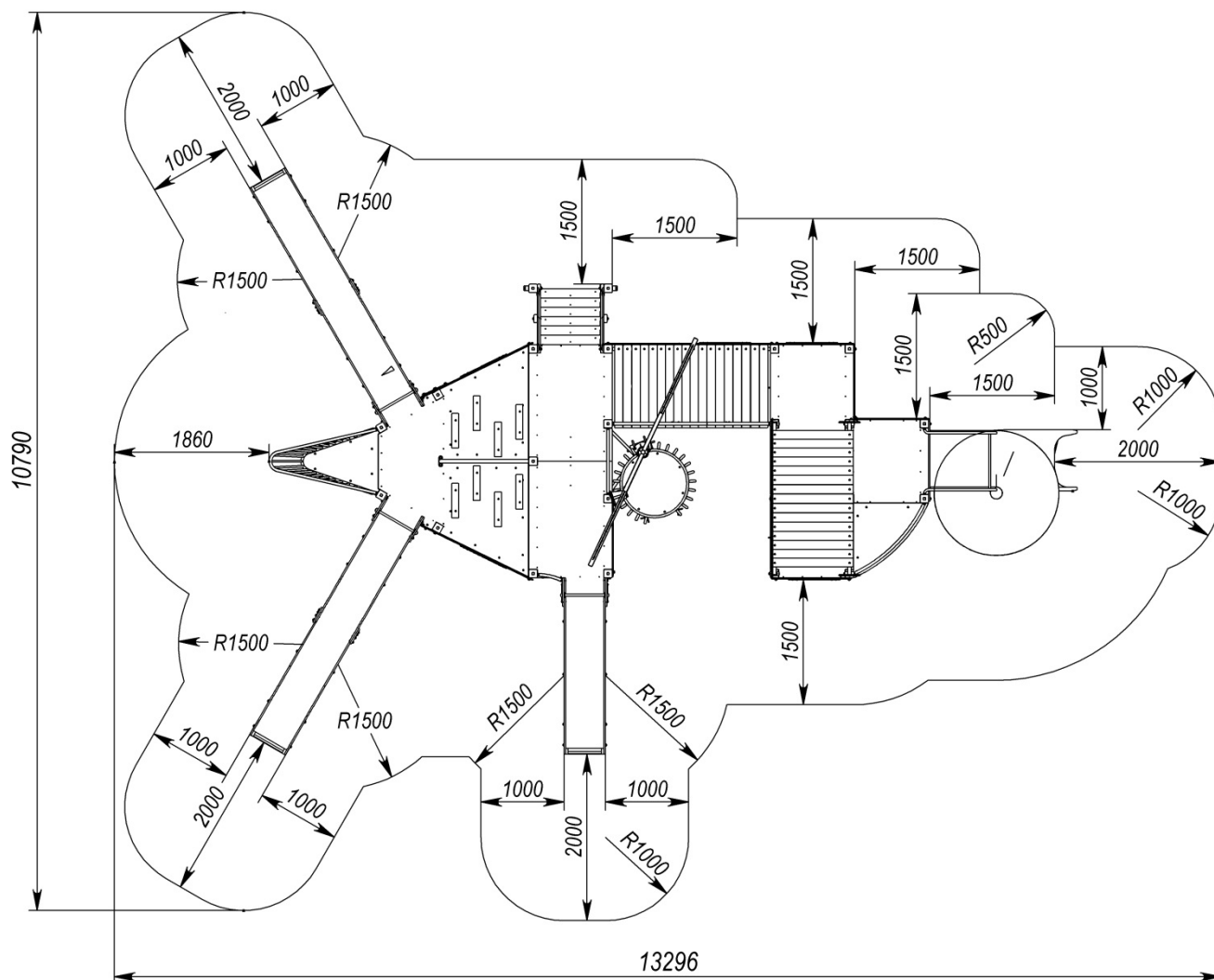
for mast

**Pic. 30 – Concreting scheme**

## Examples of impact-absorbing coatings

| Material <sup>1</sup> | Description                     | Minimal 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 <sup>2</sup>     | grain size 0.2-2 mm             | 200                   | ≤ 2000                |
|                       |                                 | 300                   | ≤ 3000                |
| Gravel <sup>2</sup>   | grain size 2-8 mm               | 200                   | ≤ 2000                |
|                       |                                 | 300                   | ≤ 3000                |
| Another material      | HIC tested according to EN 1177 | According to the test | According to the test |

1. Materials are specially made for the playgrounds.  
2. No clay inclusions should be present. Grain size is obtained by sieving through a sieve as in EN 933-1.



Pic. 31 – Safety zone for T918, T918-M





