

interatletikaTM

PRODUCTION AND SALE OF SPORTS GOODS

Customer support:
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DATA SHEET

Gymnastic complexes

S83x

The product meets EN16630-2015 requirements.

CONTENT

1. GENERAL INFORMATION	3
2. MAIN TECHNICAL DATA AND CHARACTERISTICS	3
3. COMPLETENESS AND CHARACTERISTICS OF THE MAIN PARTS OF THE PRODUCT	25
4. PRODUCT ASSEMBLY AND INSTALLATION PROCEDURE	25
5. PRODUCT INSTALLATION SCHEME	29
6. INFORMATION ON STORAGE, TRANSPORT AND DISPOSAL	51
7. USE OF THE PRODUCT	51
8. PRODUCT MAINTENANCE	51
Appendix A	53

FOR NOTES

[illegible]

1. . GENERAL INFORMATION

Manufacturer "Company Sporttehnika" LLC, Ushinsky str. 24, Chernigov, Ukraine.

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.

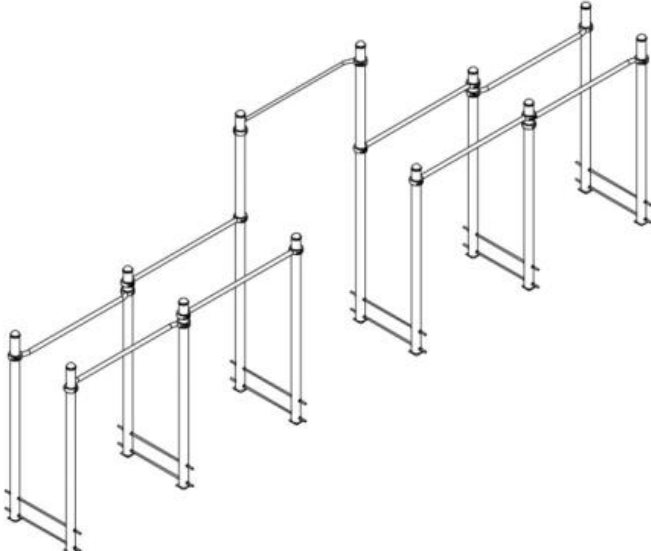
2. MAIN TECHNICAL DATA AND CHARACTERISTICS

№ p/n	Product code	Name	Dimensions			Weight, kg	Fall height, mm
			Length, mm	Width, mm	Height ¹ , mm		
1	S831.1	Sports Complex Workout (Parallel bars - horizontal bar)	7730	913	2705	318	1500
2	S831.2	Sports Complex with 2 inclined benches	2880	1847	2705	243	1500
3	S831.3	Sports Complex with horizontal bars and monkey bar	7130	2616	3535	306	2350
4	S831.4	Sports Complex Workout	4862	4557	4137	558	1500
5	S831.5	Sports Complex Workout	8038	2613	3527	340	2350
6	S831.6	Sports Complex Workout	8712	2647	3527	360	2350
7	S831.7	Sports Complex Workout	1442	2552	2705	179	1705
8	S831.8	Sports Complex Workout	2192	2808	2705	238	1705
9	S831.9	Sports Complex Workout	5181	5580	4127	622	1500
10	S831.10	Sports Complex Workout	5116	1661	2705	337	1500
11	S831.11	Sports Complex Workout	9971	1522	2705	463	1500
12	S831.12	Sports Complex Workout	7574	7530	4127	612	1500
13	S831.13	Sports Complex Workout	13530	7605	4137	1438	1500
14	S831.14	Sports Complex Workout	3416	2920	2705	273	1500
15	S831.19	Sports Complex Workout	5783	1230	2705	237	1500
16	S831.20	Sports Complex Workout	5938	2967	2705	290	1500
17	S831.21	Sports Complex Workout	2812	1100	2704	255.1	1500
18	S831.22	Sports Complex Workout	2616	1100	2704	181.8	1500
19	S831.23	Sports Complex Workout	4129	3195	4135	293.5	1500
20	S832.1	Horizontal bar 1,1x2,5 m	1230	173	2705	63	1500
21	S832.2	Horizontal bar 1,6x2,5 m	1730	173	2705	65	1500
22	S832.3	Horizontal bar 1,1x0,9 m	1230	173	1027	35	900
23	S832.4	Horizontal bar 4-level	1316	1316	2705	137	1500
24	S832.5	Set of horizontal bars for push-ups	7000	400	1027	127	900
25	S832.6	Horizontal bar 2-level	3330	173	2705	95	1500
26	S832.6-UA	Tripple Horizontal Bar	3248	2830	2526	117	1700
27	S832.7	Horizontal bar 3-level	3100	3518	2523	117	1700
28	S832.8	Horizontal bar 3-level	3430	216	2704	123,1	1500
29	S833.1	Monkey bar	2330	686	2705	82	1500
30	S833.2	Monkey bar 1,1x2,2x2,5 m	2330	1228	2705	147	1500
31	S833.3	Monkey bar 1,1x4,4x2,5 m	4530	1228	2705	238	1500
32	S833.3-UA	Monkey bar	6867	1448	2526	330	2186
33	S833.4	Monkey bar	7000	1500	2523	328	2171
34	S834.1	2 level parallel bars	3130	873	1657	150	1500
35	S834.2	Parallel bars 0,6x1,5 m	1630	996	1657	95	1500
36	S834.3	Parallel bars 0,6x1,5x0,25 m	1630	996	327	50	250
37	S834.4	Parallel bars - abdominals	1630	996	727	77	620

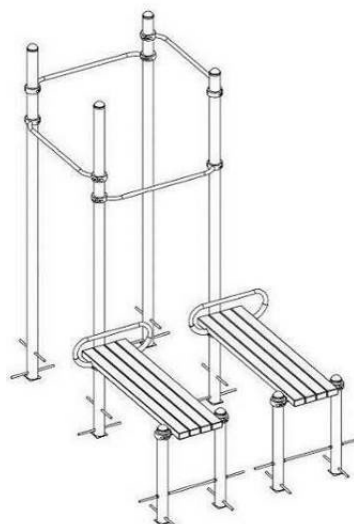
38	S834.5	Triple parallel bars 0,6x1,1x1,5 m	1414	1409	1657	93	1500
39	S834.6	Triple incline parallel bars0,6x1,1x1,5 m	1414	2231	1657	95	1500
40	S834.7	Mini parallel bars	2330	996	699	64	699
41	S834.9	Handle for push-ups	1692	1000	500	37	500
42	S834.10	Inclined spreader bars	4529	1130	1657	133	1500
43	S835.1	Horizontal bench	1737	747	591	61	400
44	S835.2	Incline bench 1,6 m	1668	747	1056	63	894
45	S835.3	Bench 1,6 m	1600	650	627	67	400
46	S835.4	Horizontal bench 1,6 m	1600	680	727	79	400
47	S835.4-30	Incline bench	1600	680	1227	85	200
48	S836.1	Abdominals - hyperextension	3698	4075	808	167	808
49	S836.2	Horizontal bar - ladder	3430	326	2705	161	1500
50	S836.2-UA	Bar TRX complex	8789	3283	2705	356	2630
51	S839.1	Ladder	1230	283	2705	91	1400
52	S839.2	Vertical handler	309	130	2705	39	1459
53	S839.3	Gymnastic rings	2130	242	4127	110	1500
54	S839.4	Gymnastic rope	2130	130	4135	124	1500
55	S839.10	Step platform	873	1372	2705	90	428
56	S839.11	Shoulder arch, right	1297	923	1637	42,3	-
57	S839.11-01	Shoulder arch, left	1297	923	1637	42,3	-
58	S839.12	Shoulder arch, double	1574	852	1327	69,4	-
59	S839.13	Wavy handrail	2650	173	1342	42,8	-
60	S839.14	Vertical handler for wrists	344	130	2027	32,2	-
61	S839.15	Balancing platform	1030	1030	1227	99,2	120
62	S839.16	Stretching station	2346	1230	2704	151,1	1400
63	S839.17	Straight balancing beam	2089	525	1327	60,3	240
64	S839.18	Wavy balancing beam	2089	525	1327	78,7	303
65	S839.19	Finger ladder	130	187	1865	24,9	-
66	S839.20	Sitting balancer	1230	655	1027	62,3	406
Age restrictions, years			from 12				
Weight restrictions, kg			up to 130				

1. The height of the point above the ground (cover).

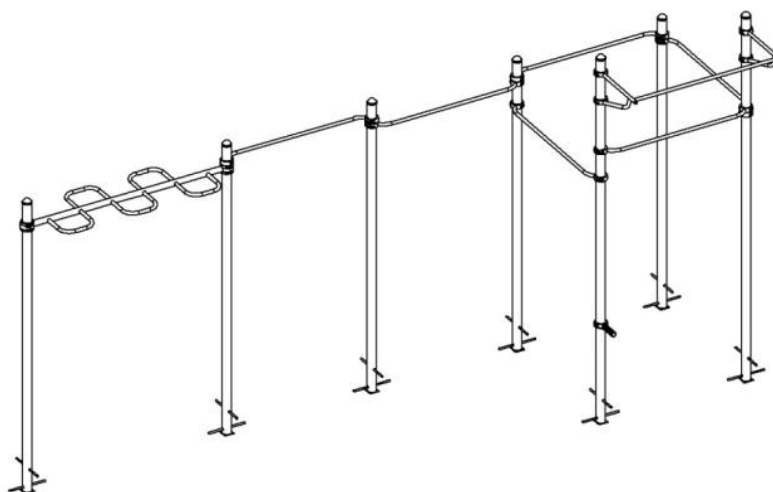
2.  - This equipment can be used as rehabilitation equipment after consultation with a doctor. An individual complex of physical therapy exercises prepared by a rehabilitation therapist helps to improve the general condition of the body, blood circulation and metabolism. Correctly selected exercises have a high therapeutic effectiveness, contribute to the speedy restoration of lost functions, reduce pain and discomfort. (Example of designation in the tablet - )

Sports Complex Workout (Parallel bars - horizontal bar)	S831.1
	

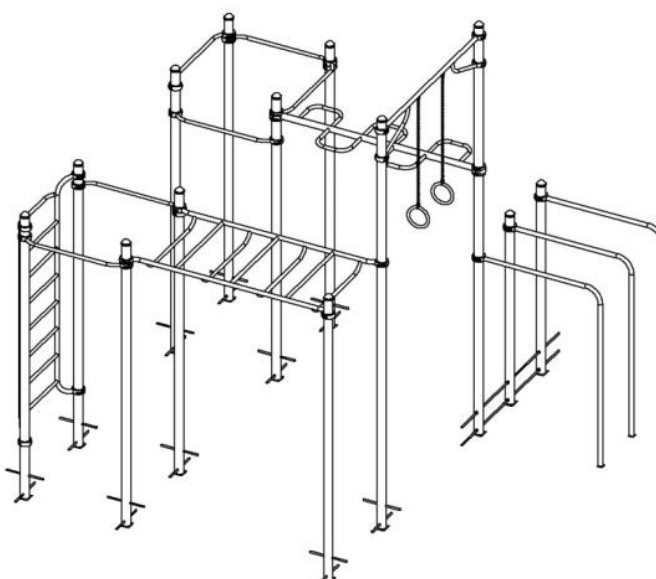
Sports Complex with 2 inclined benches	S831.2
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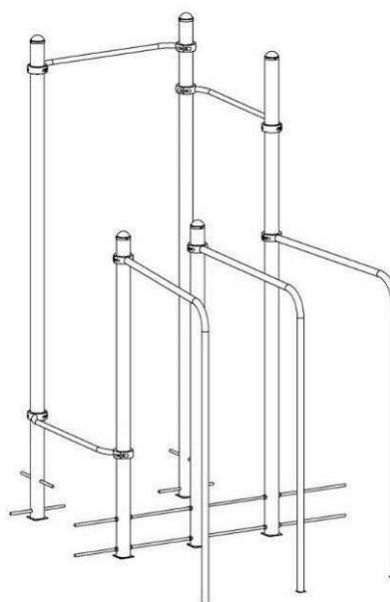
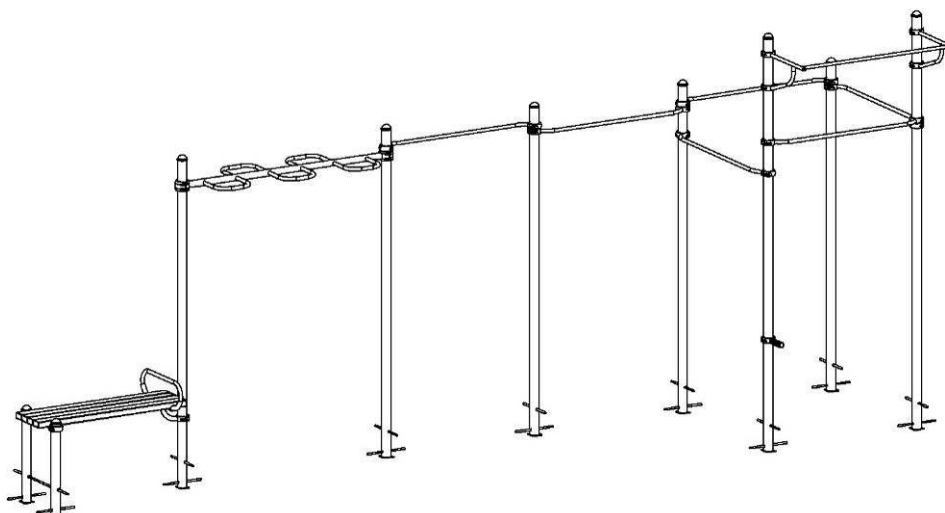
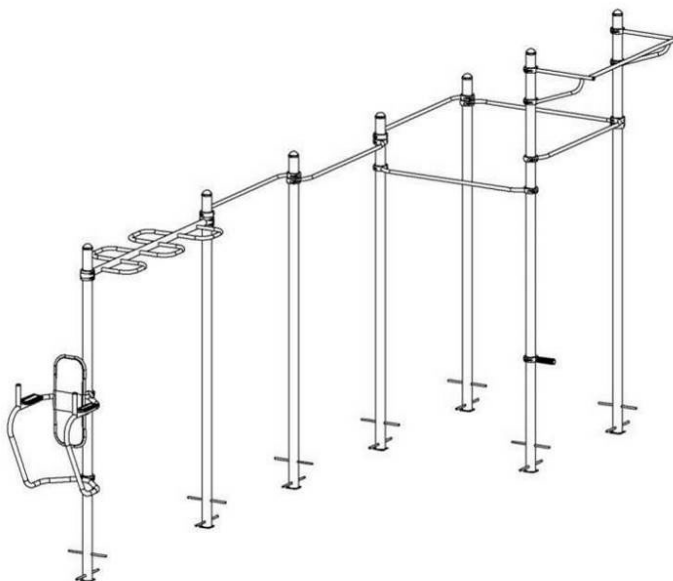


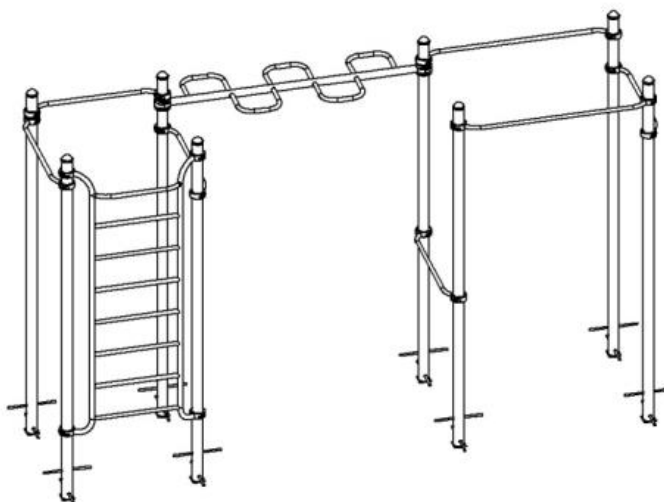
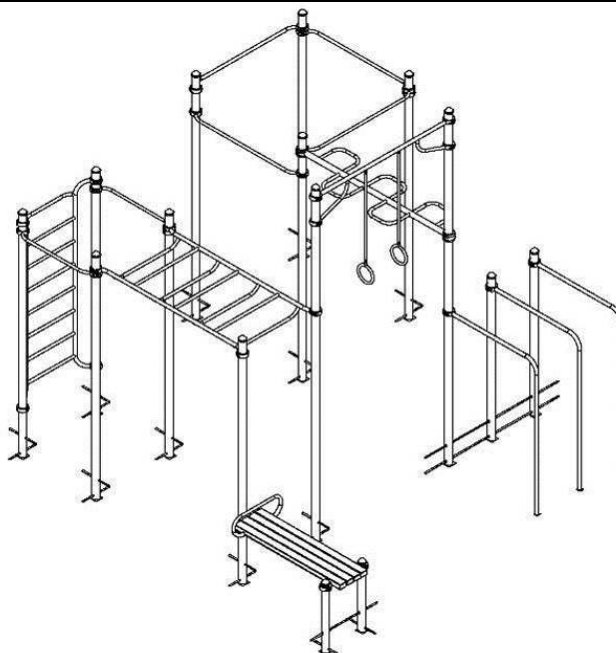
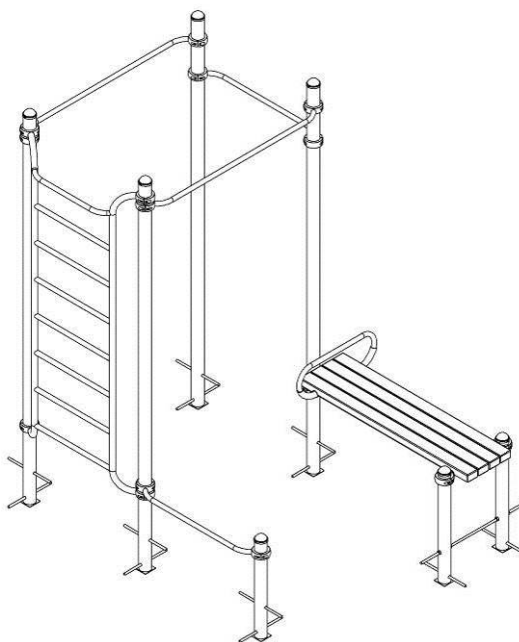
Sports Complex with horizontal bars and monkey bar	S831.3
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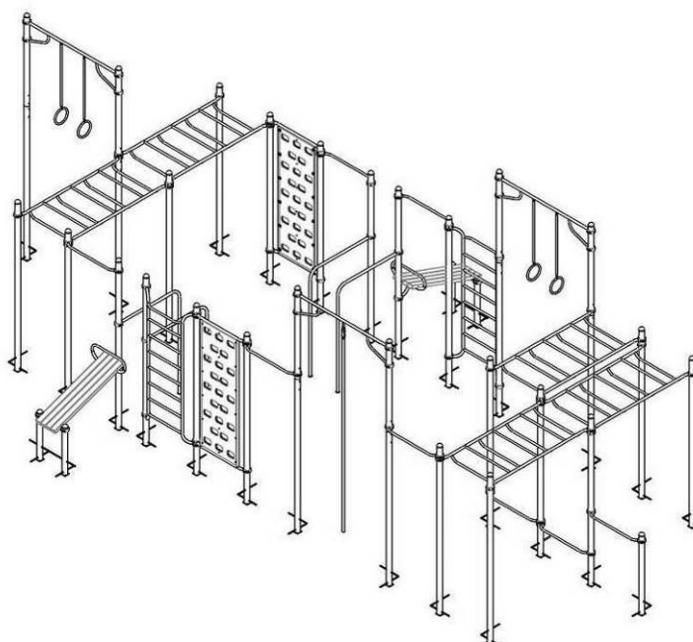
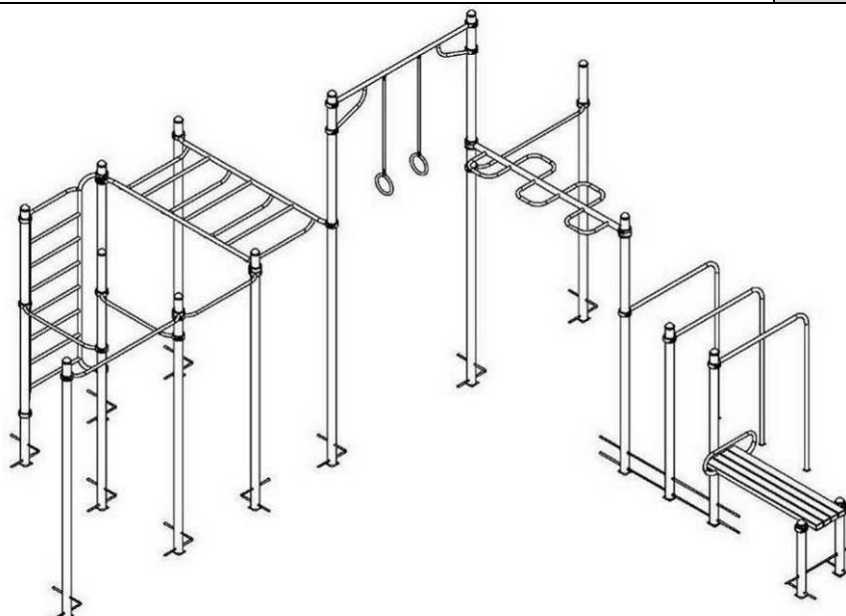
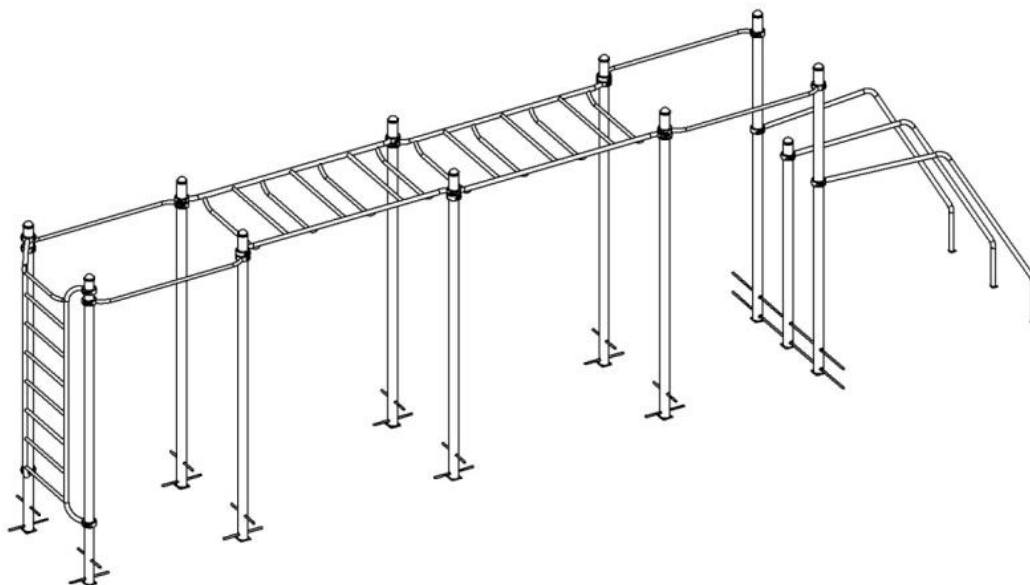


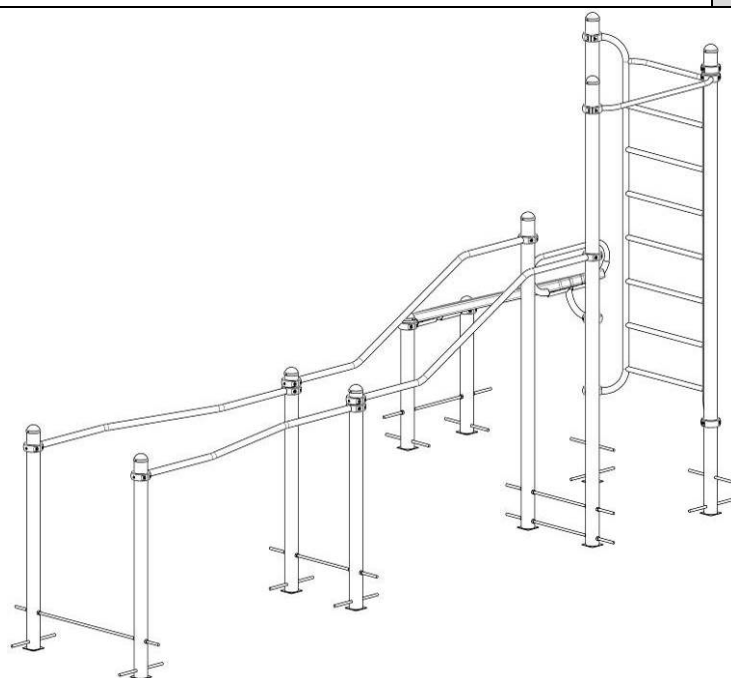
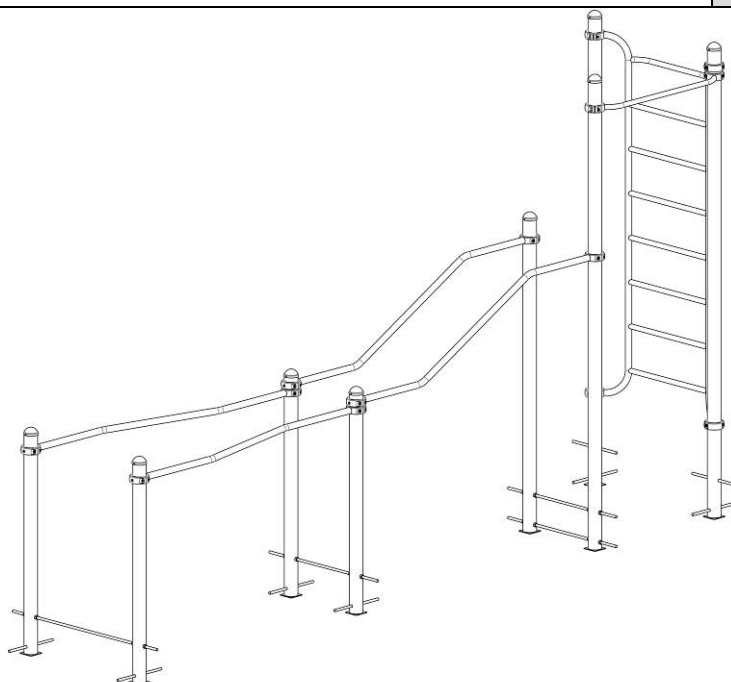
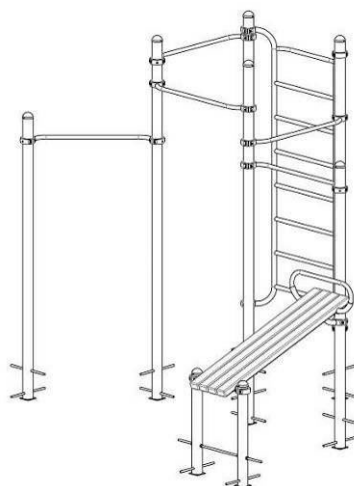
Sports Complex Workout	S831.4
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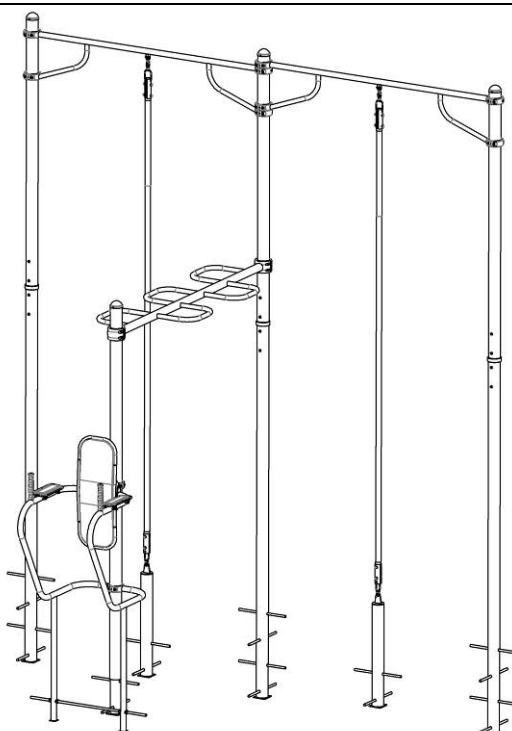
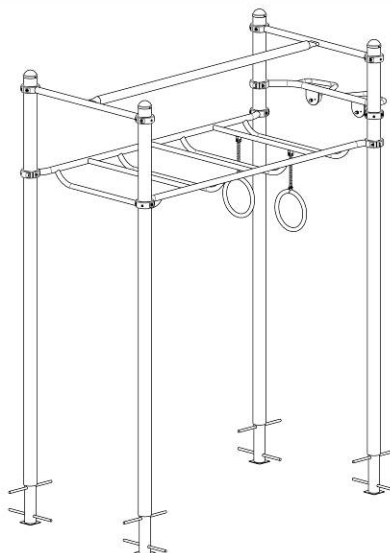
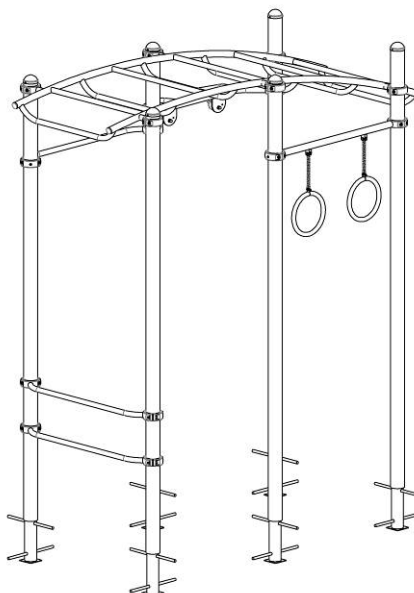


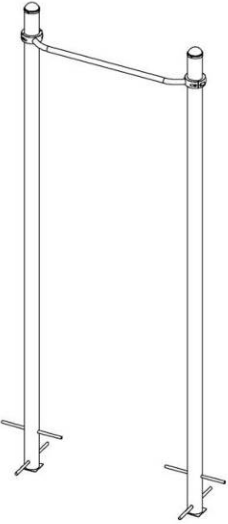
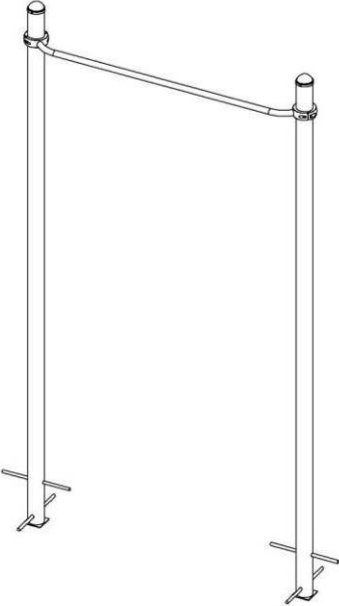
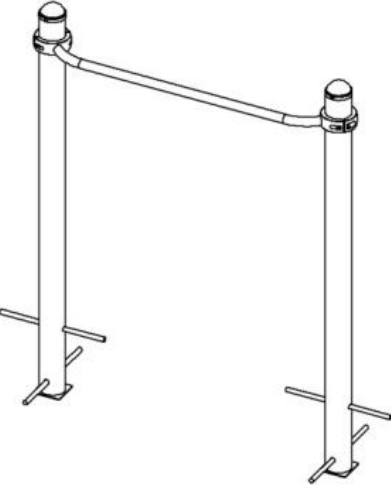


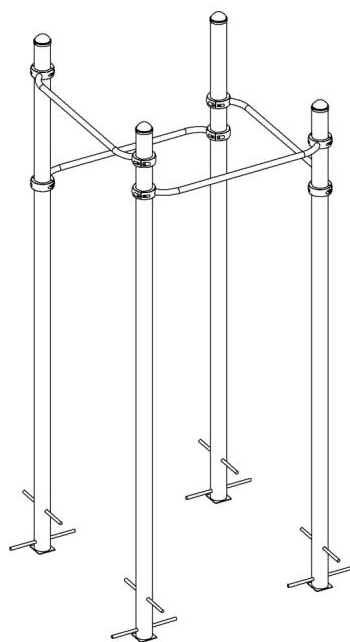
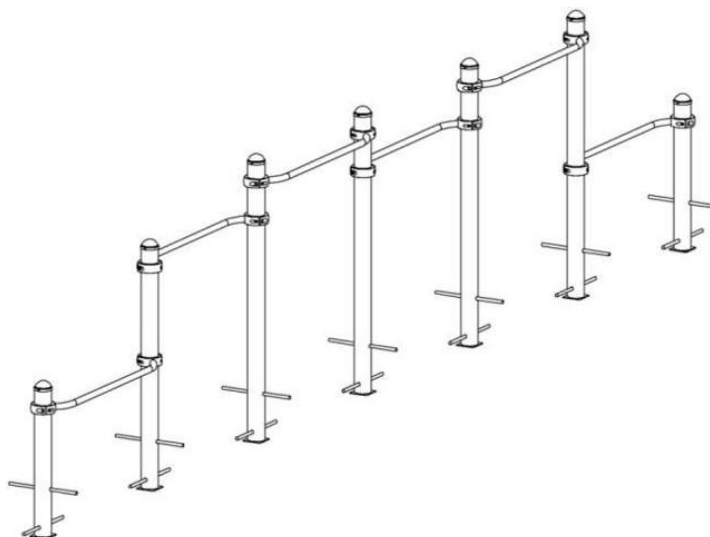
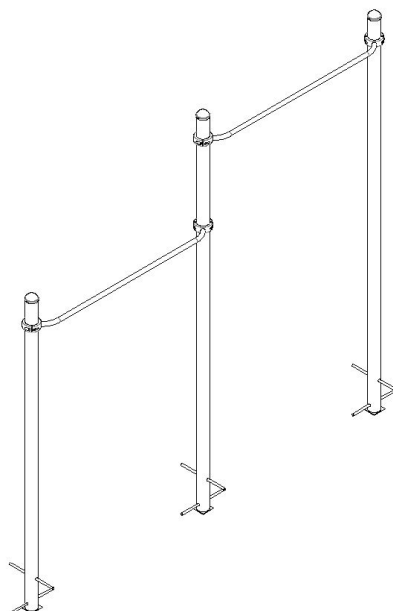


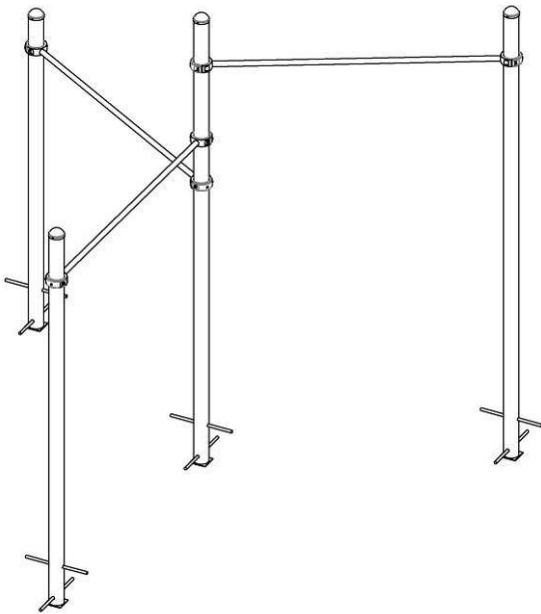
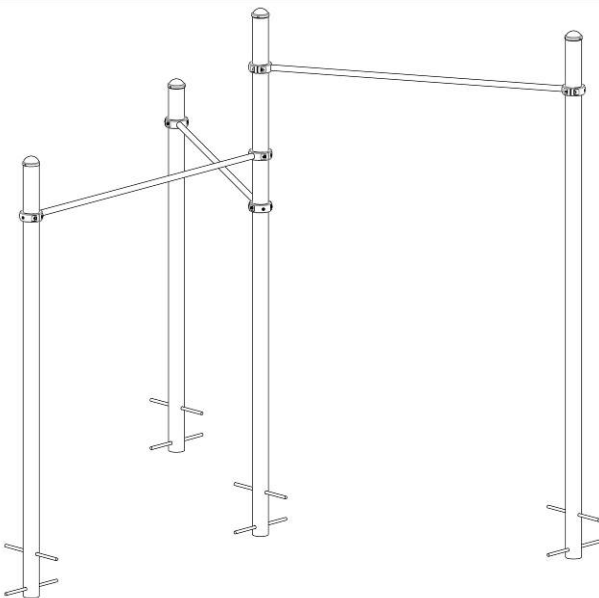
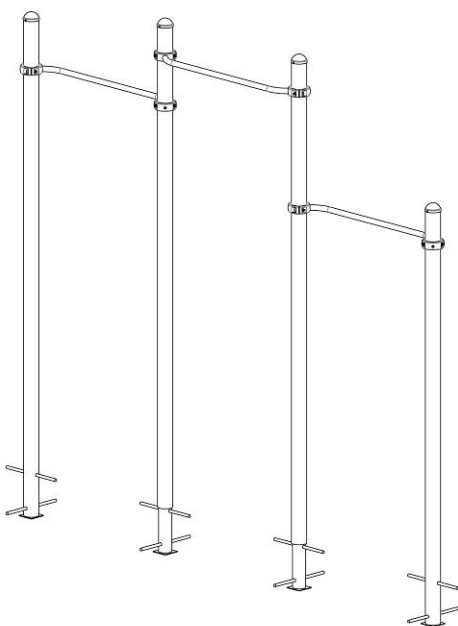


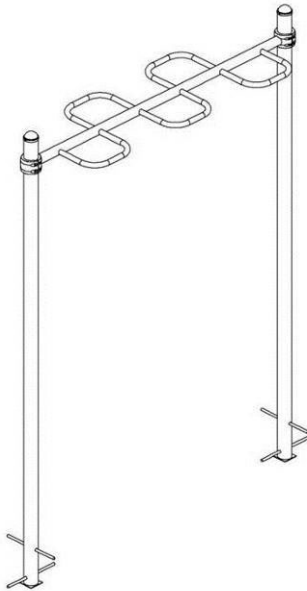
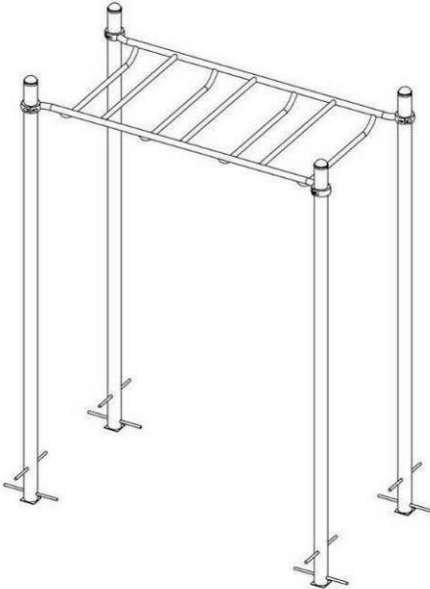
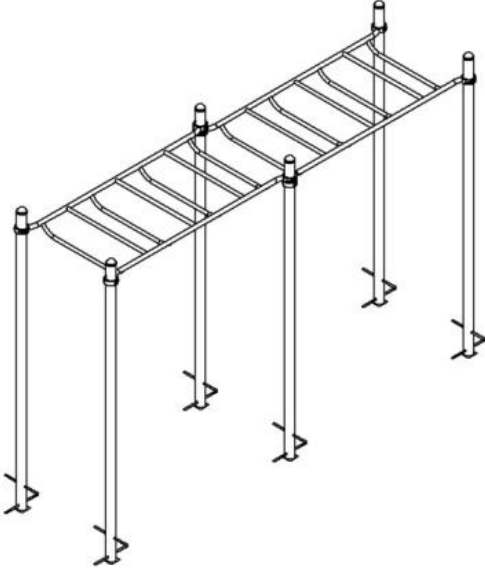


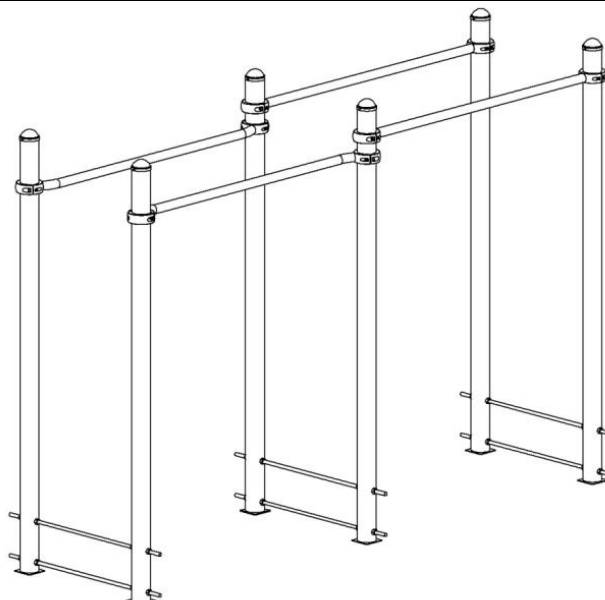
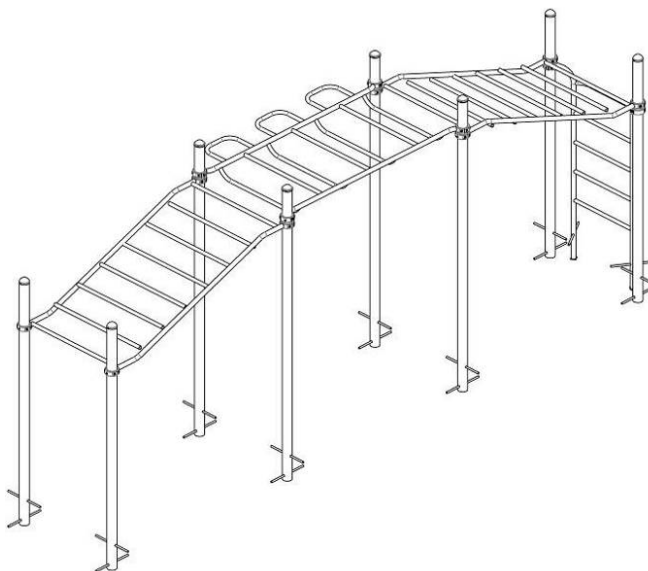
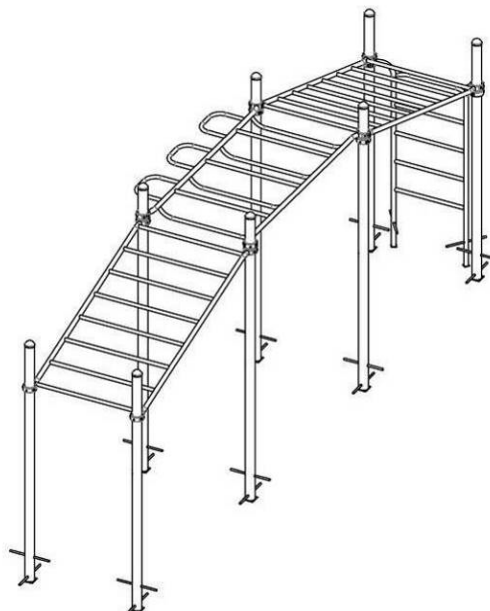


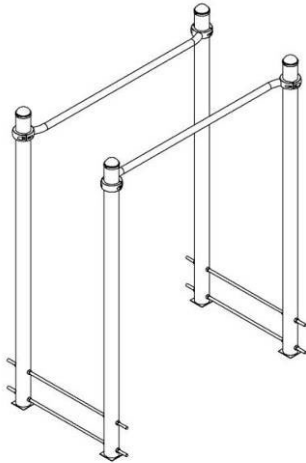
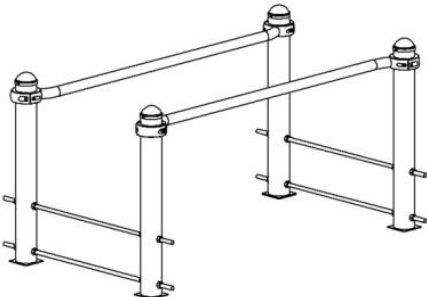
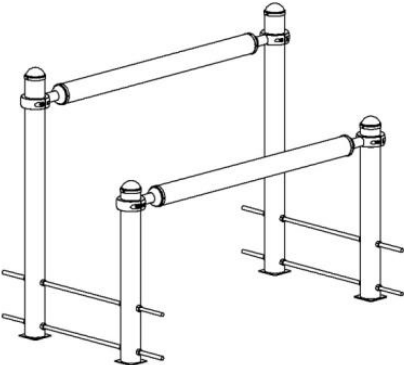
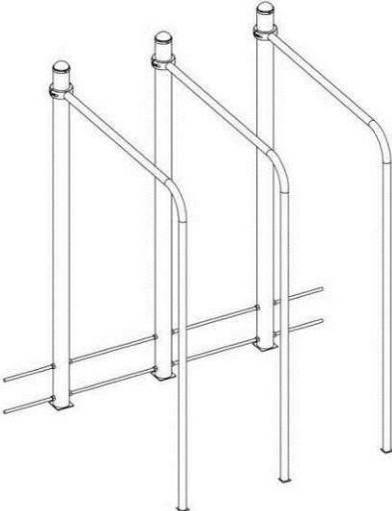
Horizontal bar 1,1x2,5 m	S832.1
	
Horizontal bar 1,6x2,5 m	S832.2
	
Horizontal bar 1,1x0,9 m	S832.3
	

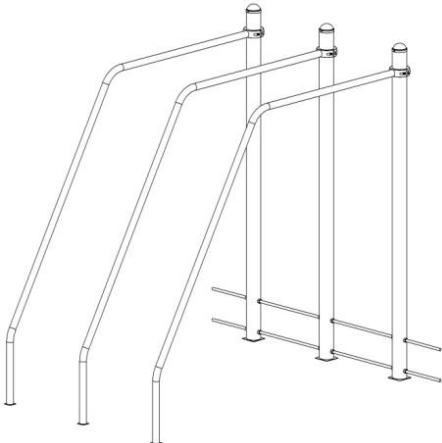
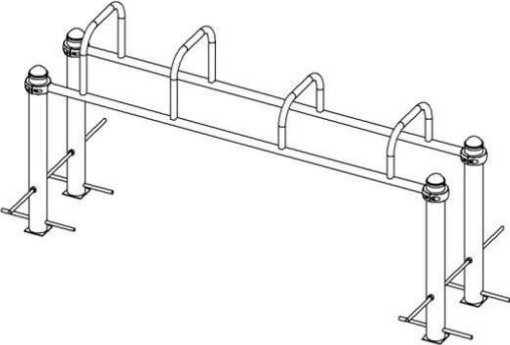
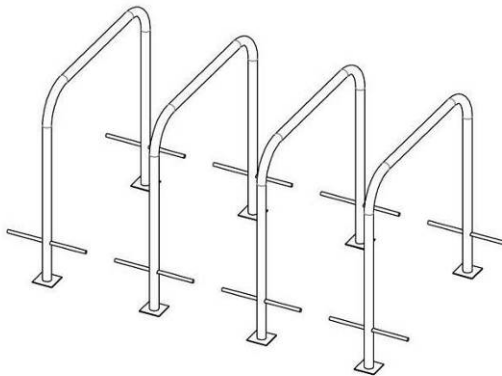
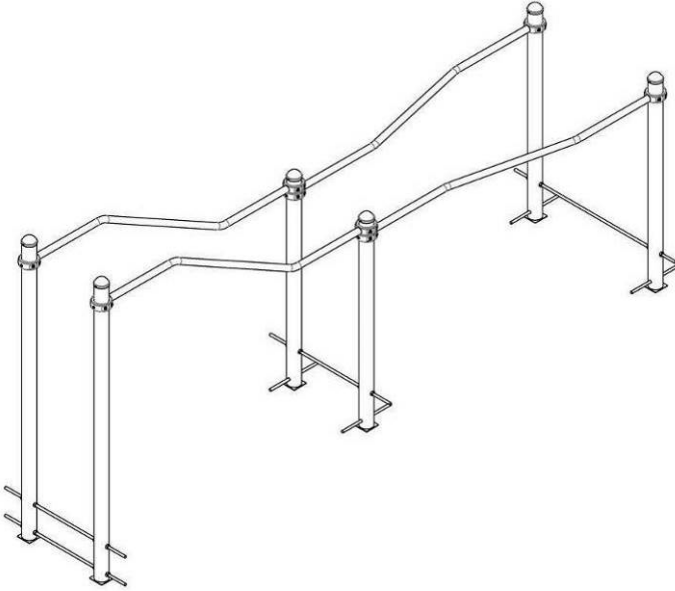
Horizontal bar 4-level**S832.4****Set of horizontal bars for push-ups****S832.5****Horizontal bar 2-level****S832.6**

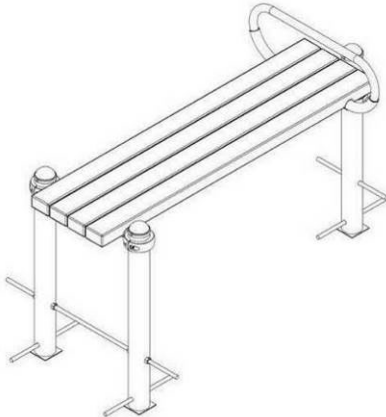
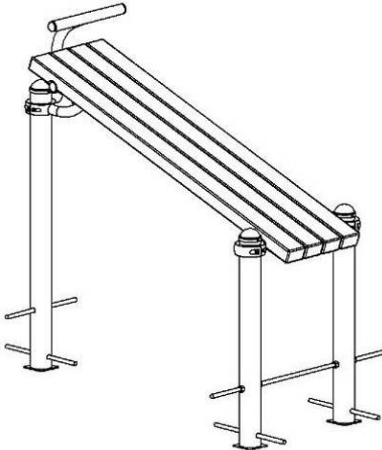
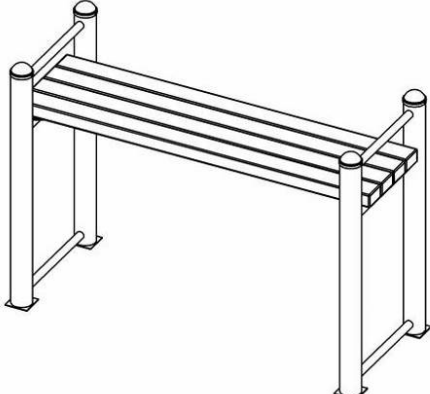
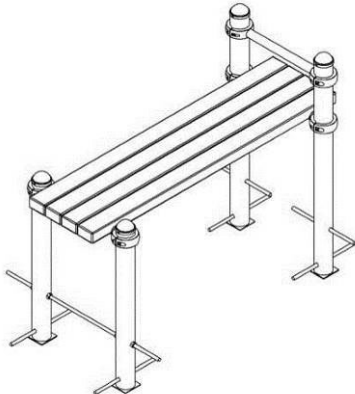
Tripple Horizontal Bar	S832.6-UA
 A technical line drawing of a tripple horizontal bar system. It consists of three vertical support poles. The leftmost pole has a horizontal bar attached to its upper section. The middle pole has a horizontal bar attached to its upper section. The rightmost pole has a horizontal bar attached to its upper section. The three horizontal bars are connected by diagonal cross-bracing members, forming a triangular structure between the poles.	
Horizontal bar 3-level	S832.7
 A technical line drawing of a horizontal bar system with three levels. It features three vertical support poles. The leftmost pole has a horizontal bar at a low level. The middle pole has a horizontal bar at a medium level. The rightmost pole has a horizontal bar at a high level. The bars are connected by diagonal cross-bracing members, forming a triangular structure between the poles.	
Horizontal bar 3-level	S832.8
 A technical line drawing of a horizontal bar system with three levels. It features four vertical support poles. The first pole on the left has a horizontal bar at a low level. The second pole has a horizontal bar at a medium level. The third pole has a horizontal bar at a high level. The fourth pole on the right has a horizontal bar at a low level. The bars are connected by diagonal cross-bracing members, forming a triangular structure between the poles.	

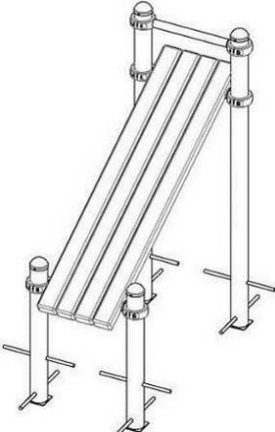
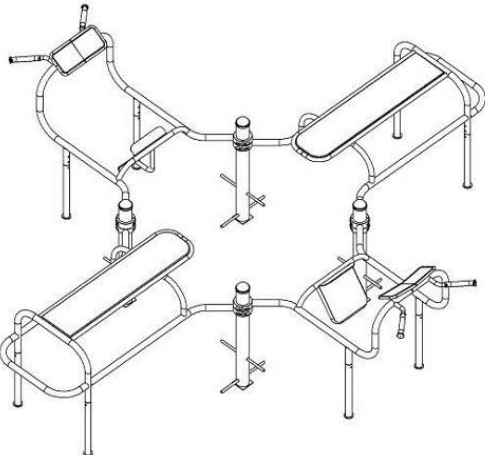
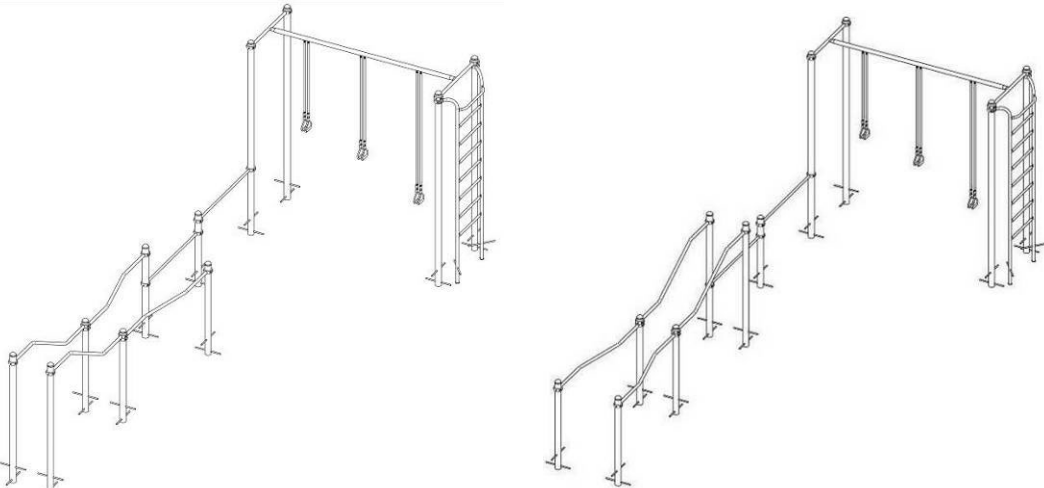
Monkey bar	S833.1
 A technical line drawing of a monkey bar structure. It consists of two vertical support poles, each with a base anchor. A horizontal bar is positioned at the top, with three sets of rings (monkey bars) attached to it. The rings are arranged in a staggered pattern along the length of the bar.	
Monkey bar 1,1x2,2x2,5 m	S833.2
 A technical line drawing of a monkey bar structure. It features four vertical support poles, each with a base anchor. A rectangular frame is formed by the poles, with a series of horizontal rungs (ladders) attached to the top rails. The rungs are evenly spaced and extend across the width of the frame.	
Monkey bar 1,1x4,4x2,5 m	S833.3
 A technical line drawing of a monkey bar structure. It consists of six vertical support poles, each with a base anchor. A rectangular frame is formed by the poles, with a series of horizontal rungs (ladders) attached to the top rails. The rungs are evenly spaced and extend across the width of the frame.	

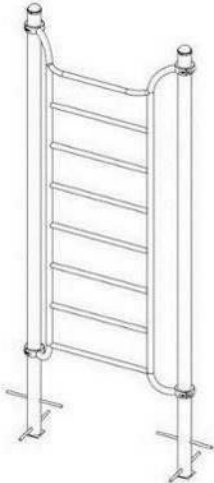
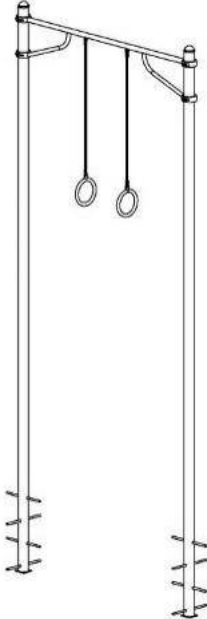


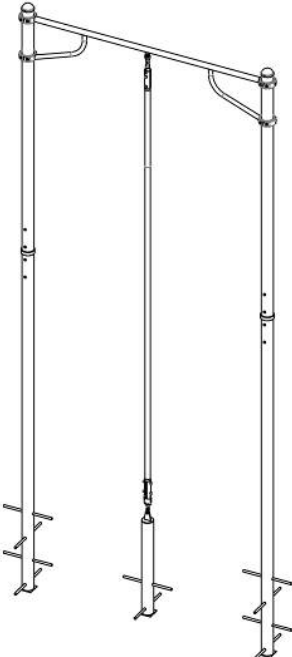
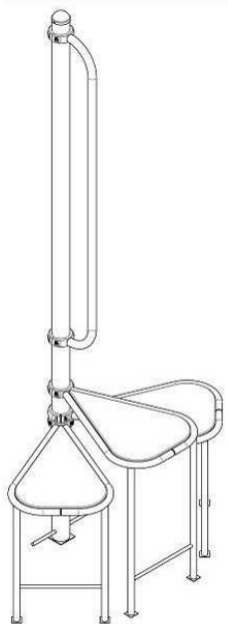
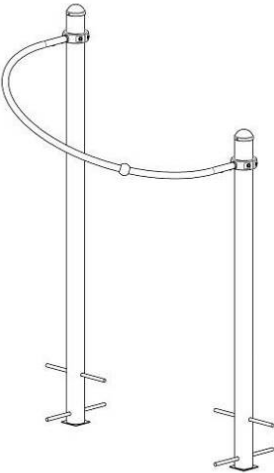
Parallel bars 0,6x1,5 m	S834.2
	
Parallel bars 0,6x1,5x0,25 m	S834.3
	
Parallel bars - abdominals	S834.4
	
Triple parallel bars 0,6x1,1x1,5 m	S834.5
	

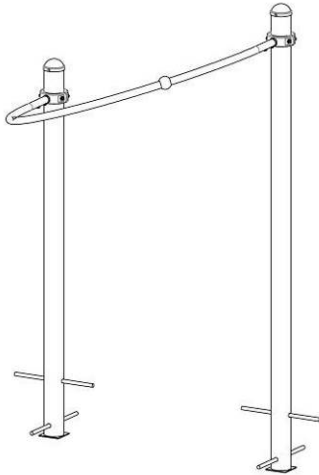
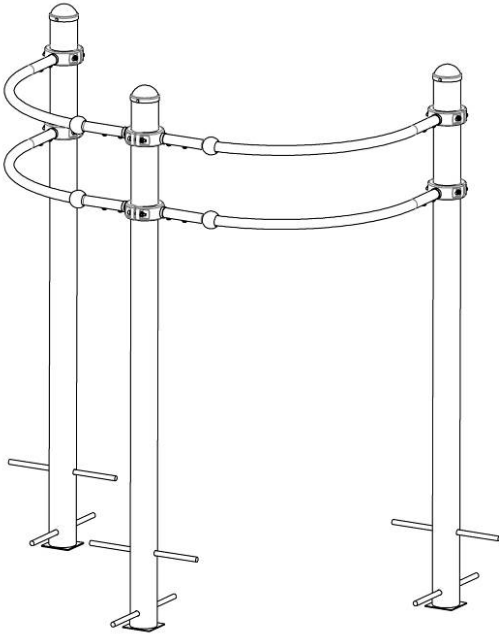
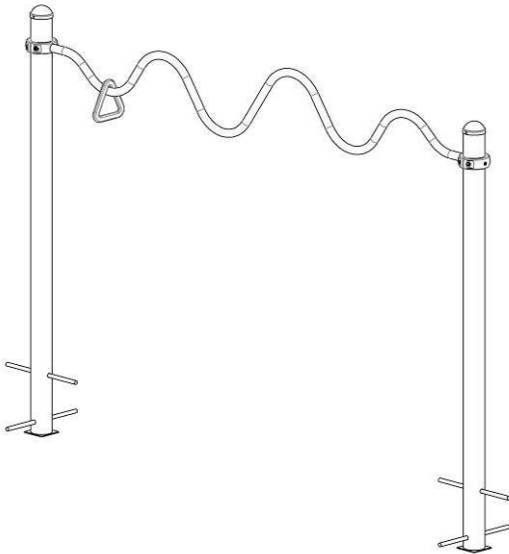
Triple incline parallel bars0,6x1,1x1,5 m	S834.6
	
Mini parallel bars	S834.7
	
Handle for push-ups	S834.9
	
Inclined spreader bars	S834.10
	

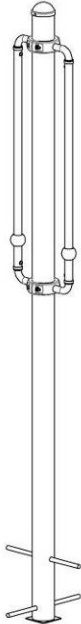
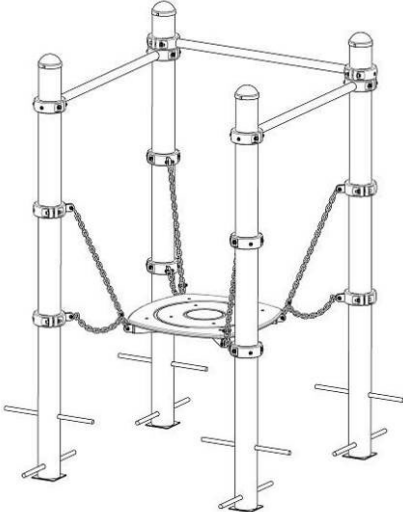
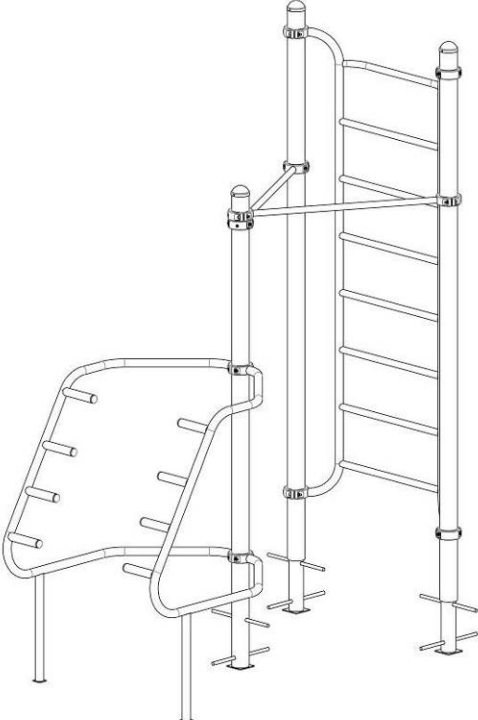
Horizontal bench 1,6 m	S835.1
	
Incline bench 1,6 m	S835.2
	
Bench	S835.3
	
Horizontal bench 1,6 m	S835.4
	

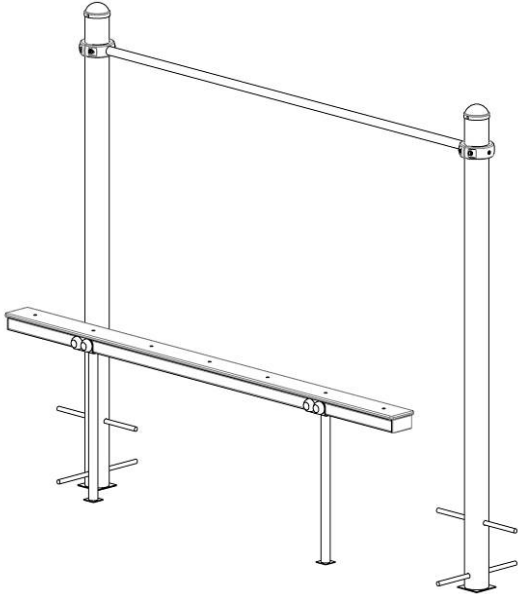
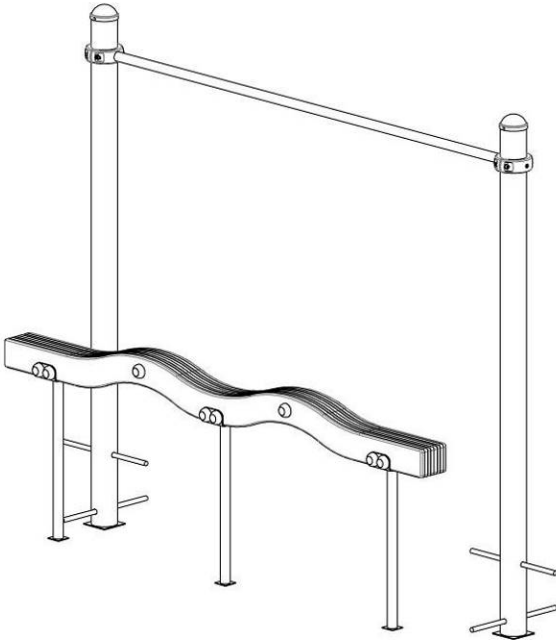
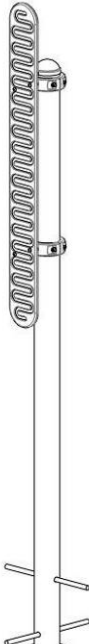
Incline bench 1,6 m	S835.4-30
	
Abdominals - hyperextension	S836.1
	
Horizontal bar - ladder	S836.2
	
Bar TRX complex	S836.2-UA
	

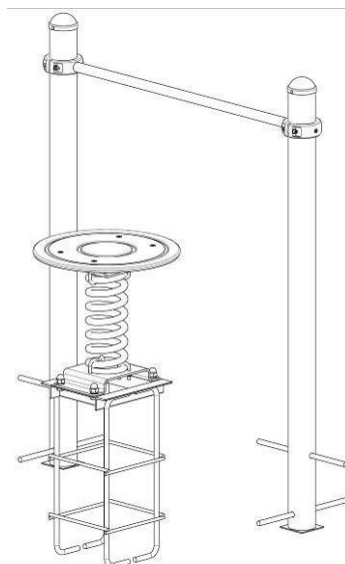
Ladder	S839.1
	
Vertical handler	S839.2
	
Gymnastic rings	S839.3
	

Gymnastic rope	S839.4
	
Step platform	S839.10
	
Shoulder arch, right	S839.11
	

Shoulder arch, left	S839.11-01
	
Shoulder arch, double	S839.12
	
Wavy handrail	S839.13
	

Vertical handler for wrists	S839.14
	
Balancing platform	S839.15
	
Stretching station	S839.16
	

Straight balancing beam	S839.17
	
Wavy balancing beam	S839.18
	
Finger ladder	S839.19
	



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

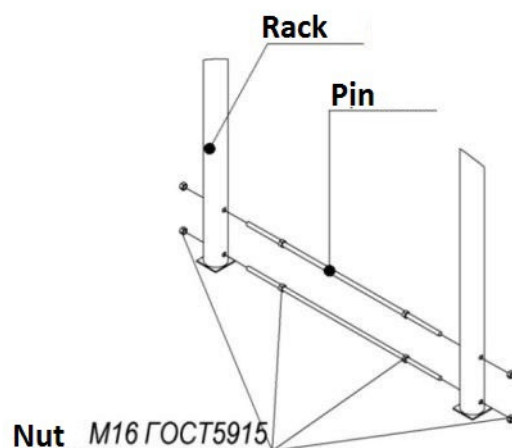
See Appendix A for the complete set and characteristics of the component parts of the product.

4. PRODUCT ASSEMBLY AND INSTALLATION PROCEDURE

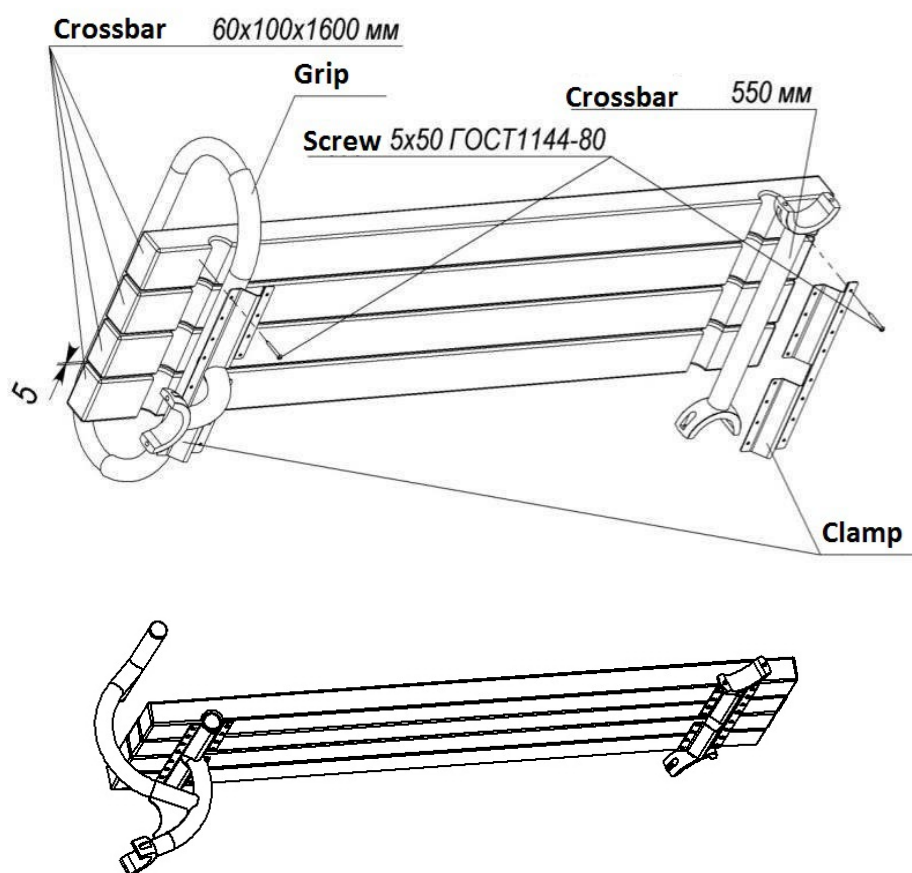
Tools and accessories. The product kit does not include the tools necessary for its assembly and installation.

The order of assembly and installation of the product.

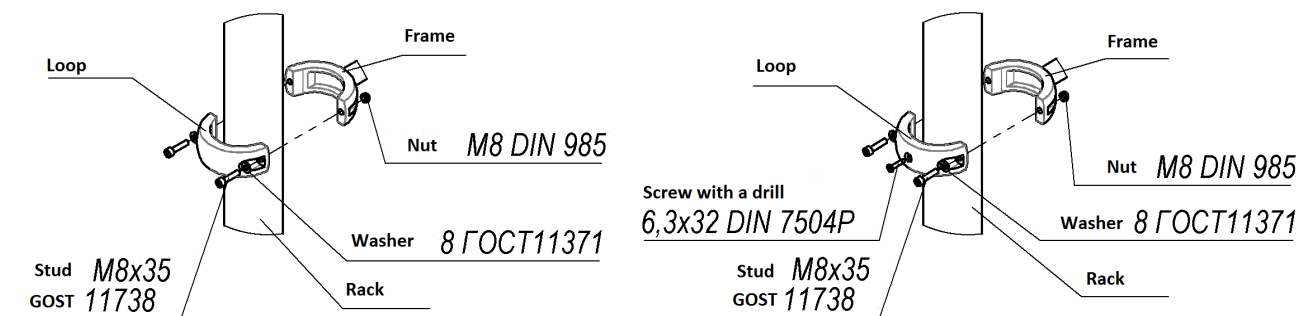
1. Assemble the racks together according to the picture, if the design requires it (see the appendix).



2. Assemble the bench according to the picture, if the design requires it (see the appendix).

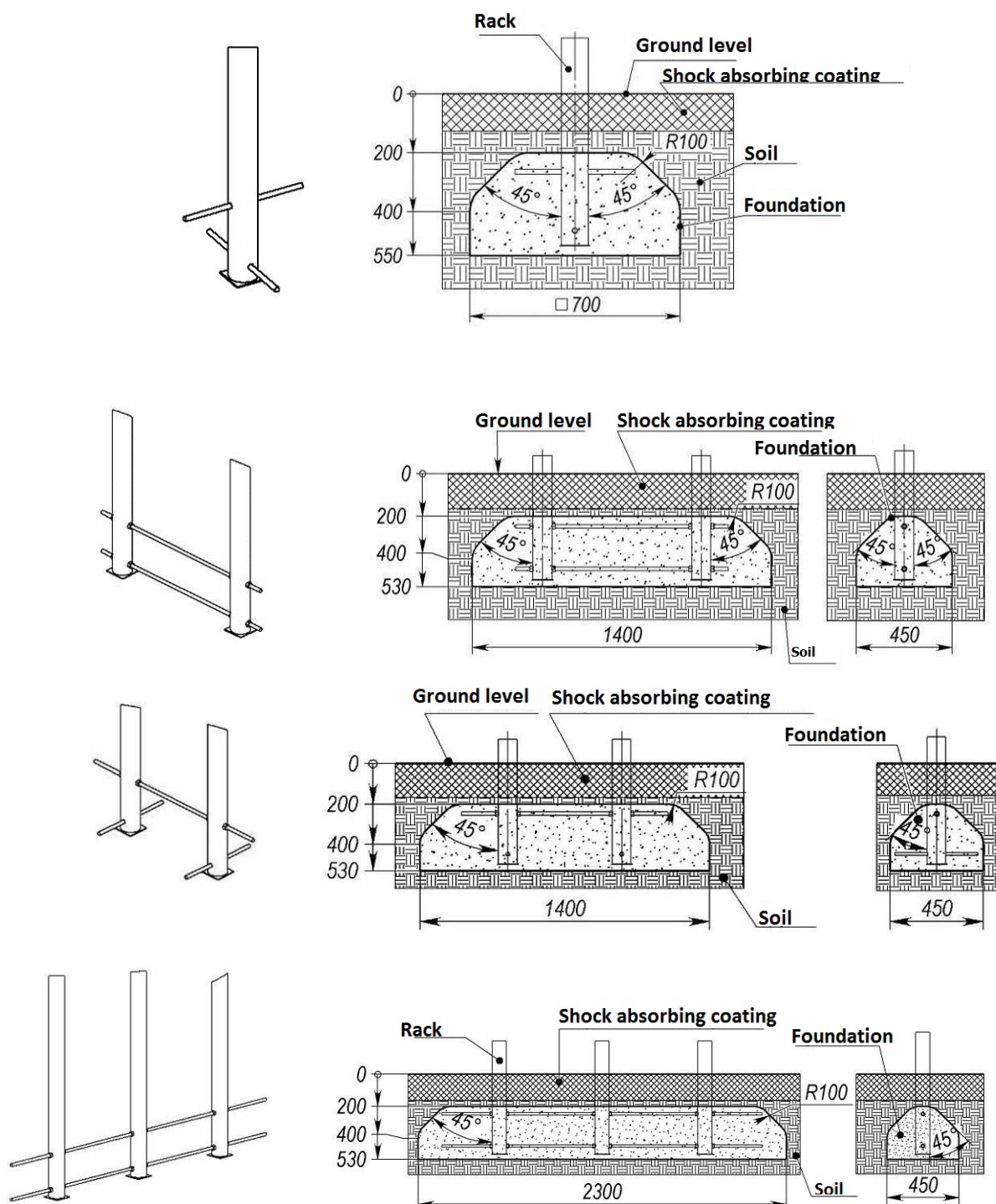


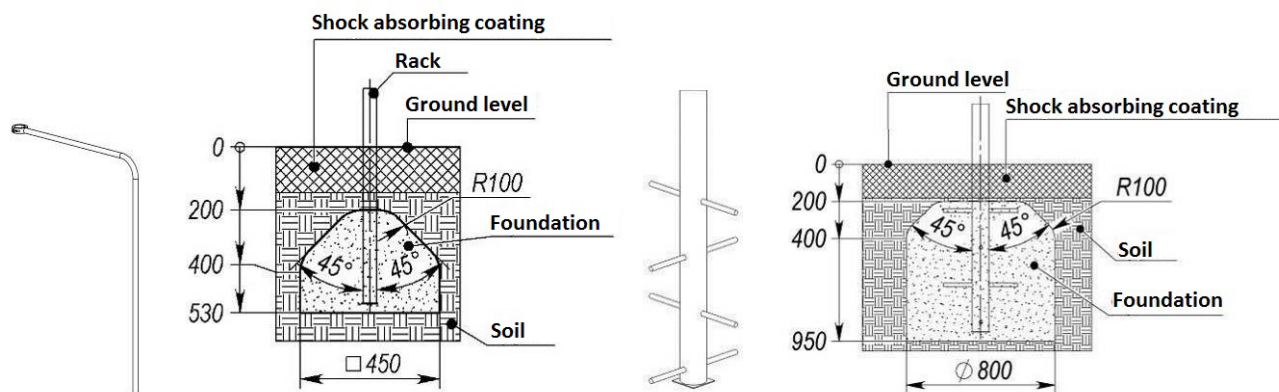
3. Install the hinged elements according to the picture/appendix, depending on the type of clamp.



4. Install the product according to the level and pour concrete (concrete class not lower than B15), according to the concreting scheme. In the case of installation on sandy soil, the dimensions of the foundation must be increased by 15-20%.

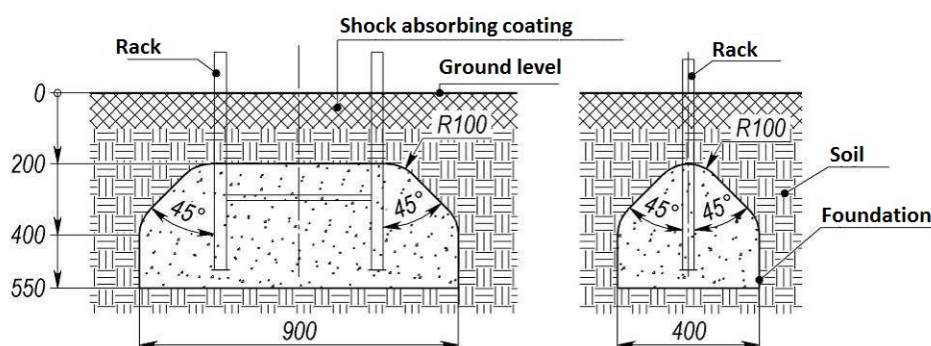
The scheme of concreting the racks





For racks of component elements

The rack is double



An example of a shock-absorbing coating

Nº p/n	The material is a coating ¹	Description	Minimum layer thickness ¹ , mm	Max. fall height, mm
1	Concrete/stone	—	—	≤1 000
2	Surface bound with bitumen	—	—	≤1 000
3	Natural soil	—	—	≤1 200
4	Lawn	—	—	≤1 500
5	Wooden mulch	Shredded bark of coniferous trees, particle size from 20 to 80 mm	200	≤2 000
			300	≤3 000
6	Sawdust	Mechanically chipped wood (not wood materials), without bark or leaves, with a particle size of 5 to 30 mm	200	≤2 000
			300	≤3 000
7	Sand ^{2, 3} ,	Particle sizes from 0.2 to 2 mm	200	≤2 000
			300	≤3 000
8	Gravel ^{2, 3}	Particle sizes from 2 to 8 mm	200	≤2 000
			300	≤3 000
9	Other materials and layer thicknesses	Tested at HIC acc. EN 1177		Critical fall height according to test results

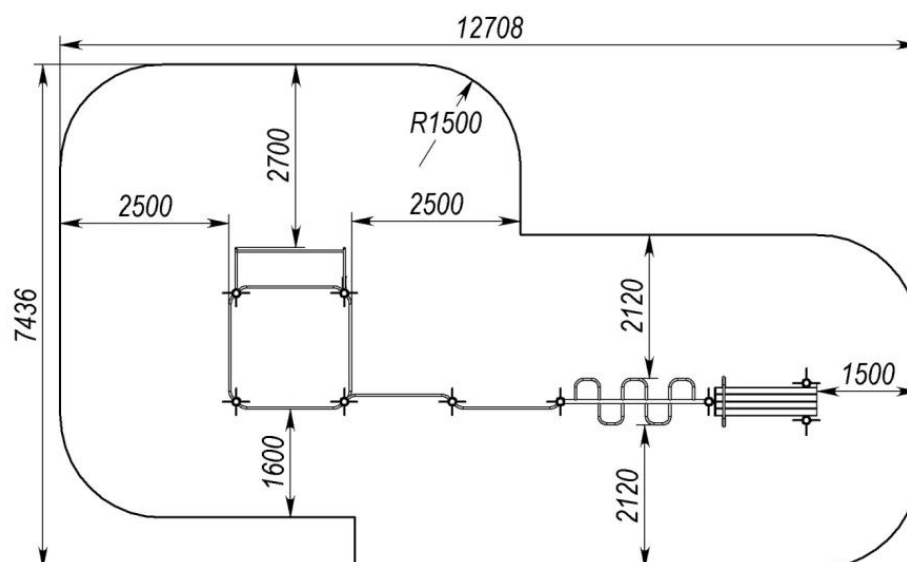
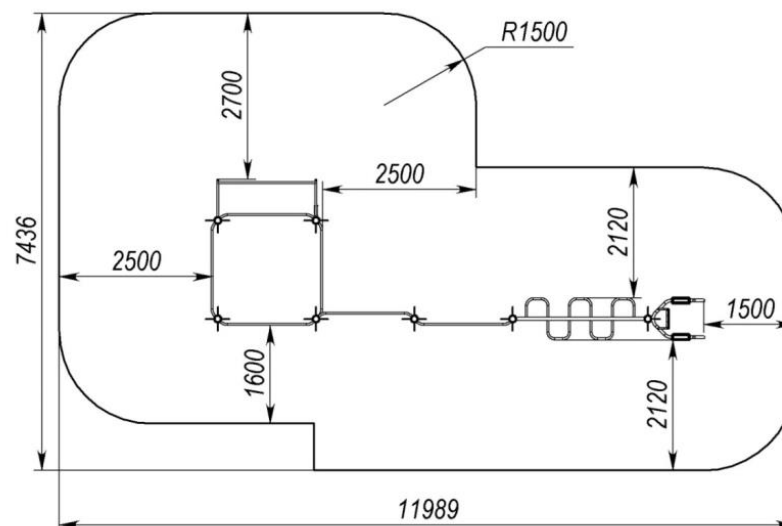
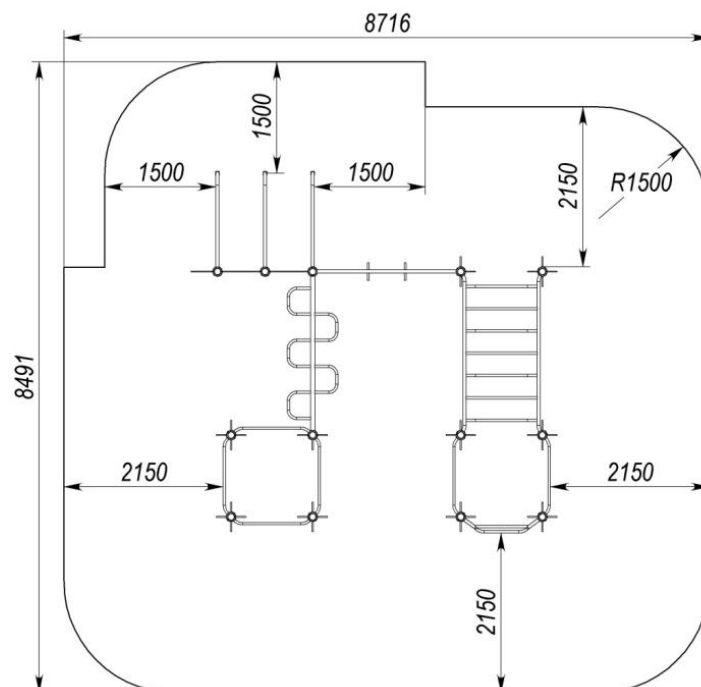
¹ For cushioning of bulk material, add 100 mm to the minimum layer thickness.

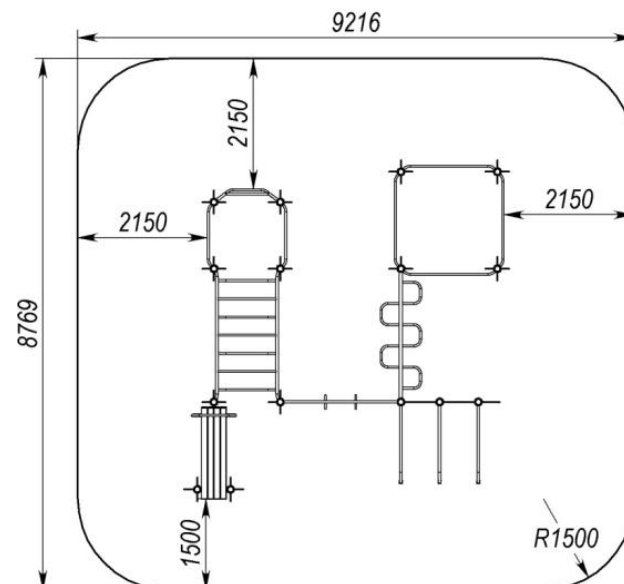
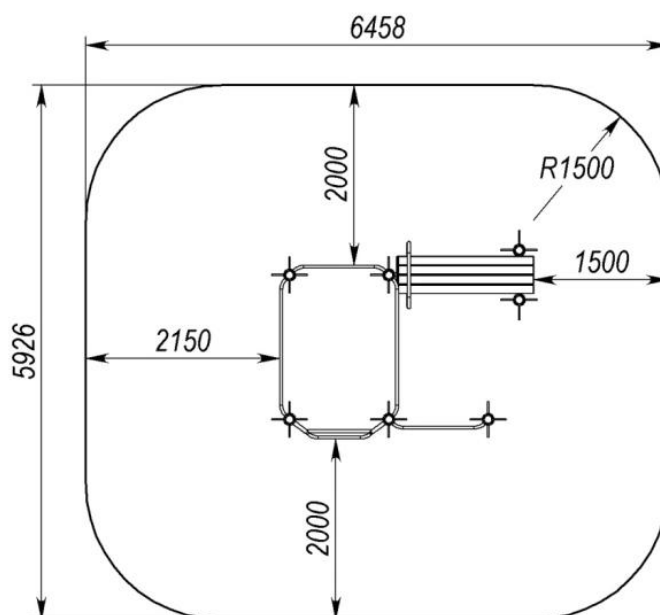
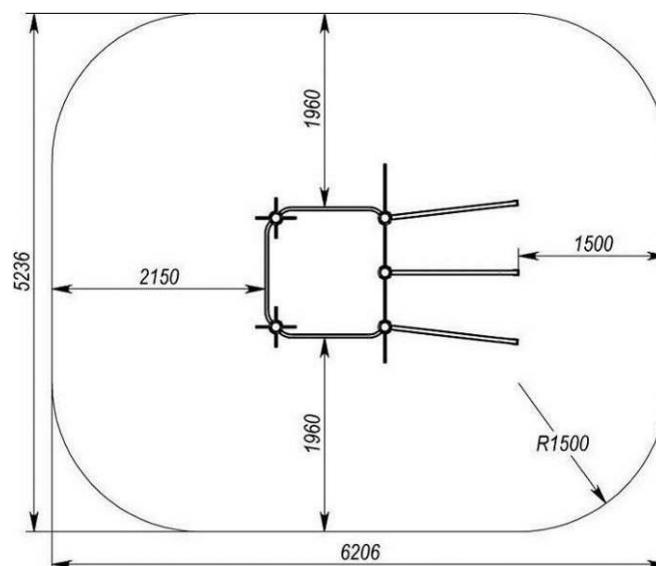
² There should not be any silty or clay fractions; particle size can be determined by sieve analysis according to EN 933-1.

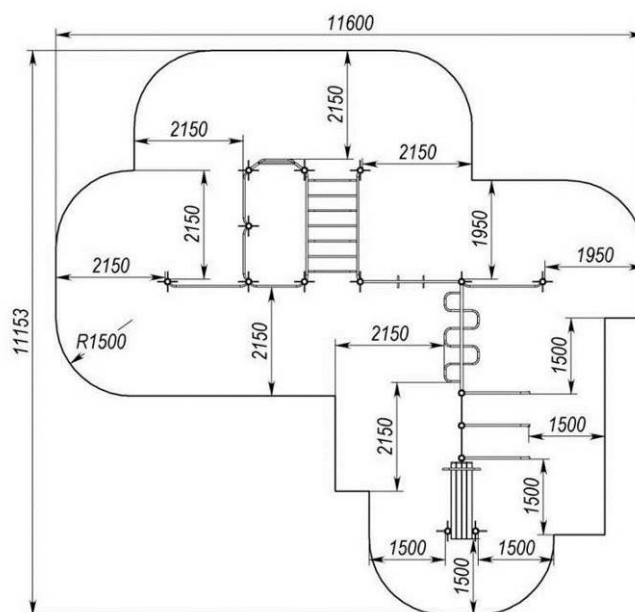
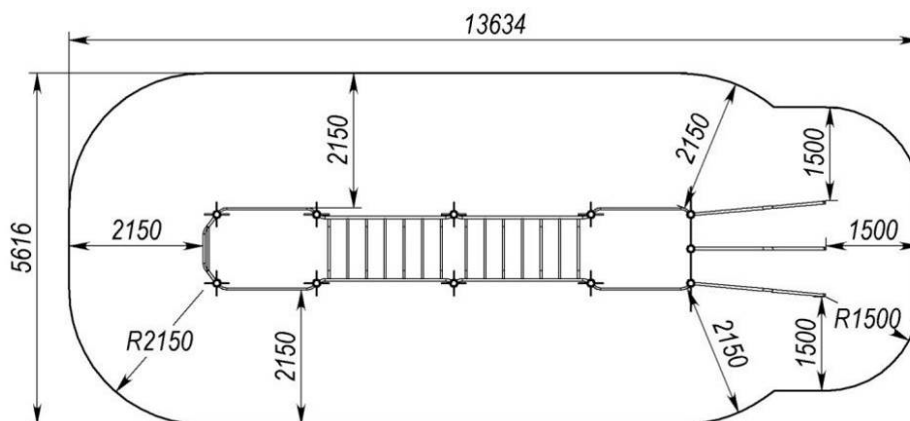
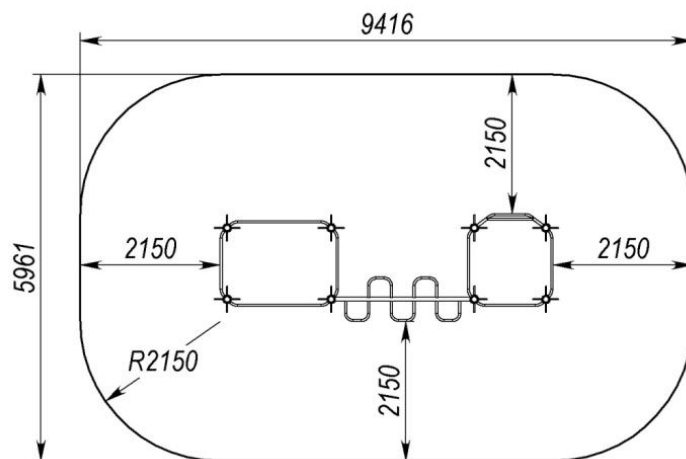
³ Not suitable for simulators where a firm, stable position of the user is required.

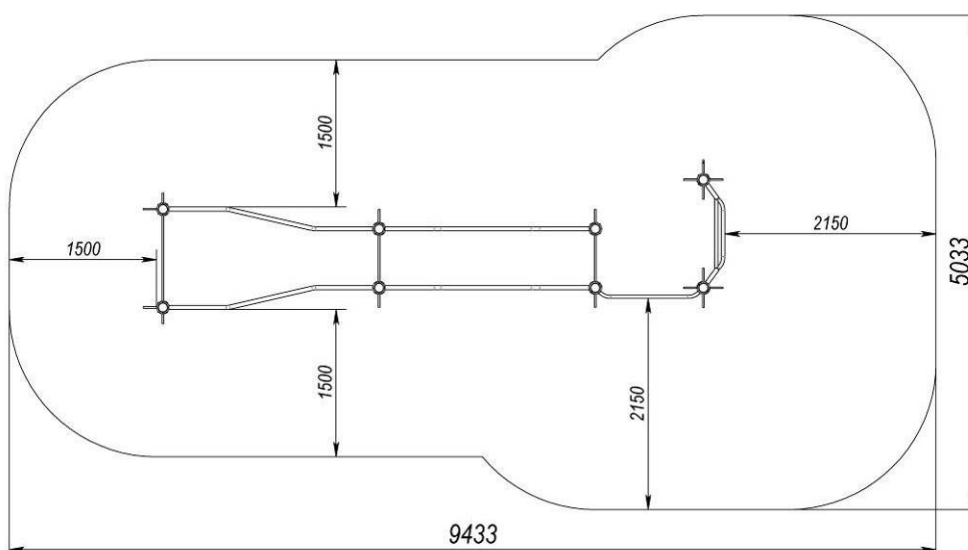
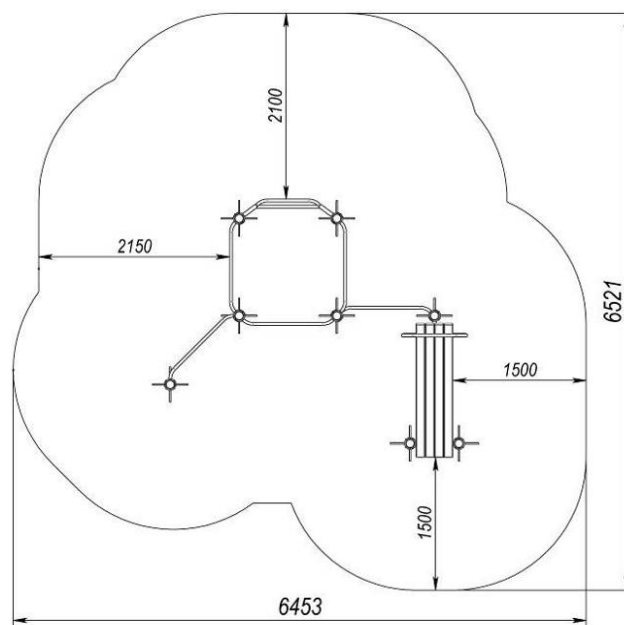
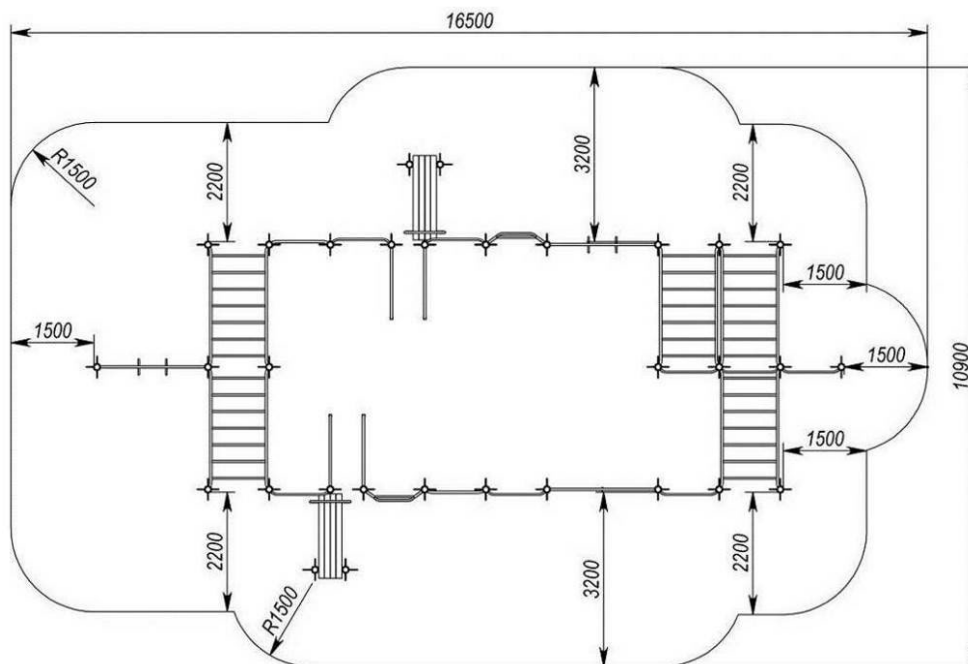
5. PRODUCT INSTALLATION SCHEME

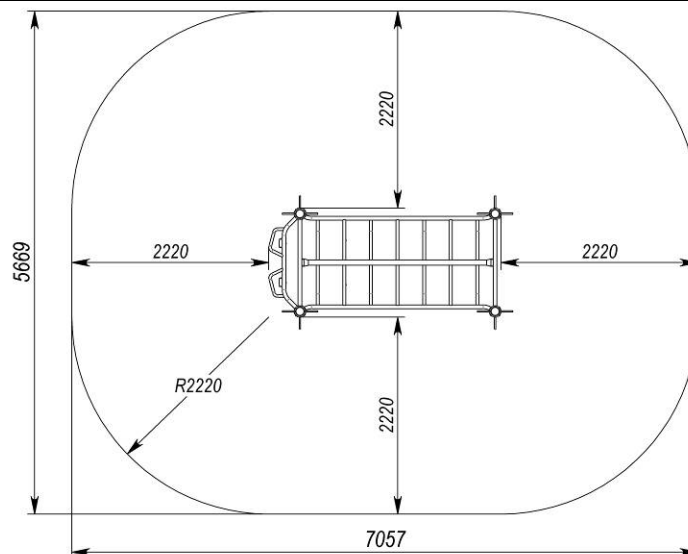
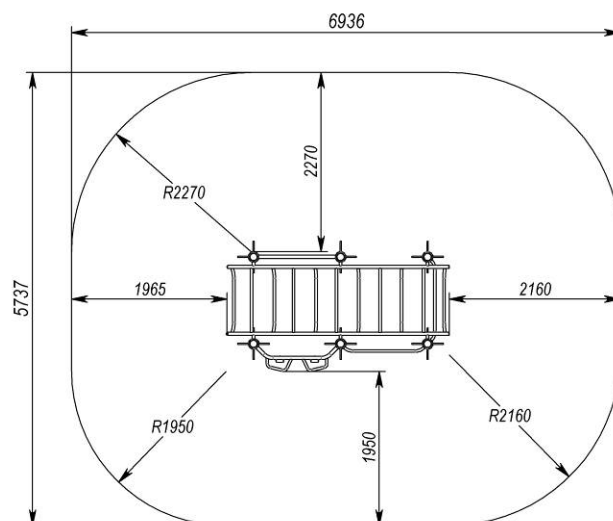
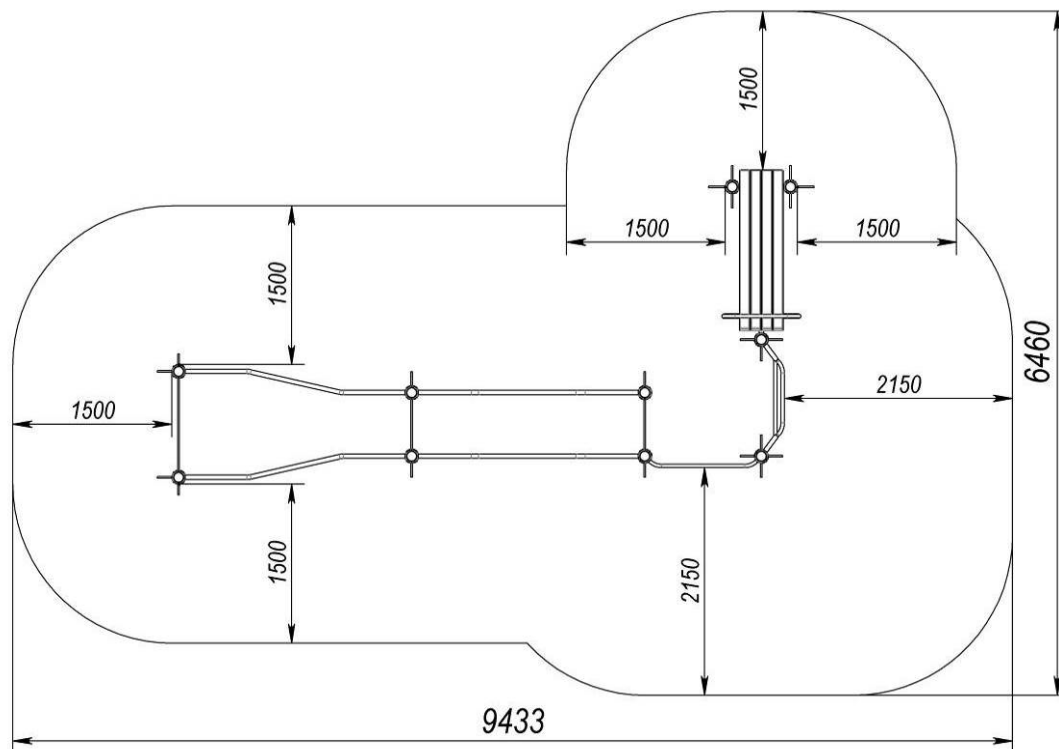
Safety zone	
Sports Complex Workout (Parallel bars - horizontal bar)	S831.1
Sports Complex with 2 inclined benches	S831.2
Sports Complex with horizontal bars and monkey bar	S831.3

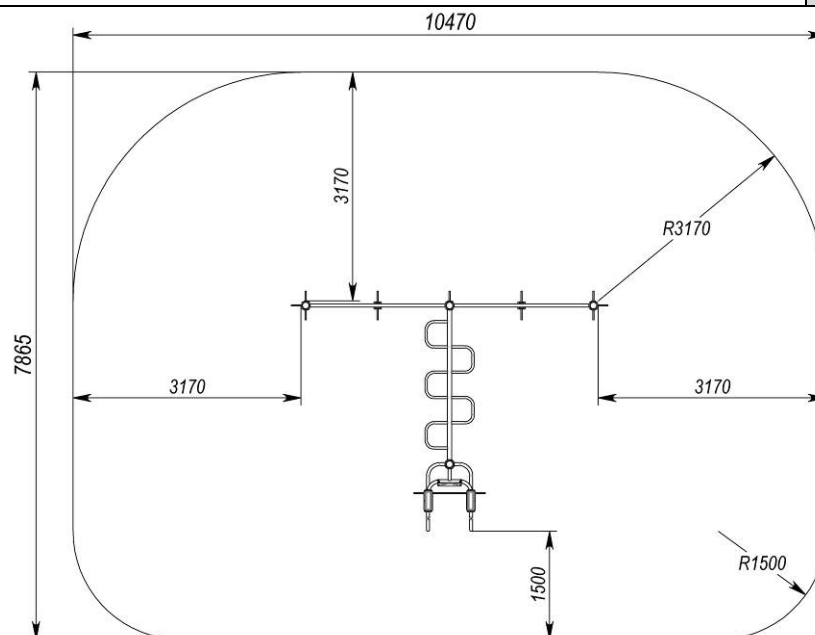






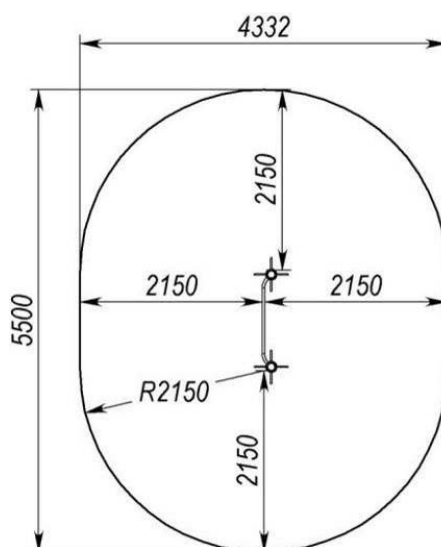






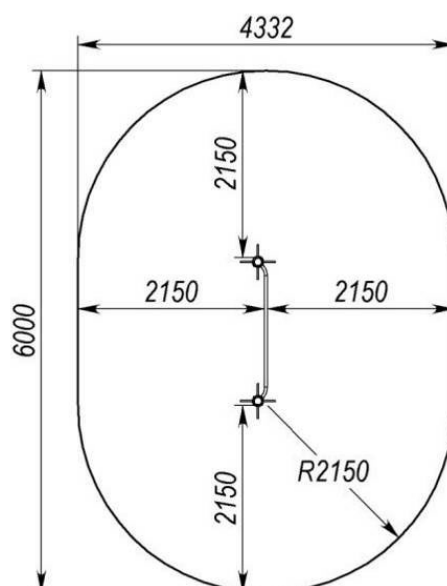
Horizontal bar 1,1x2,5 m

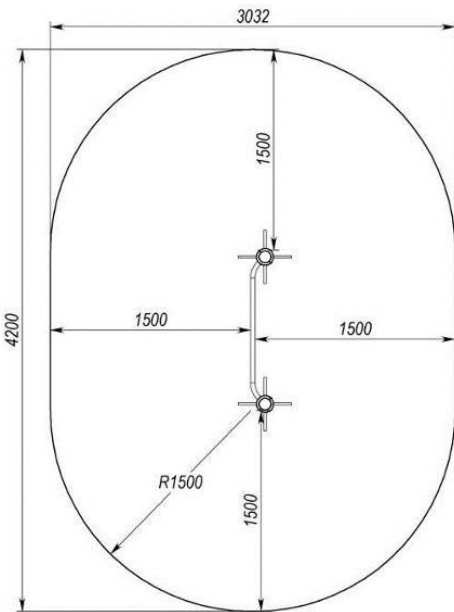
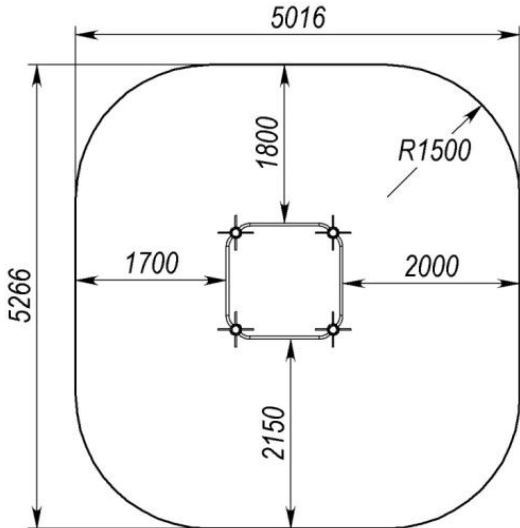
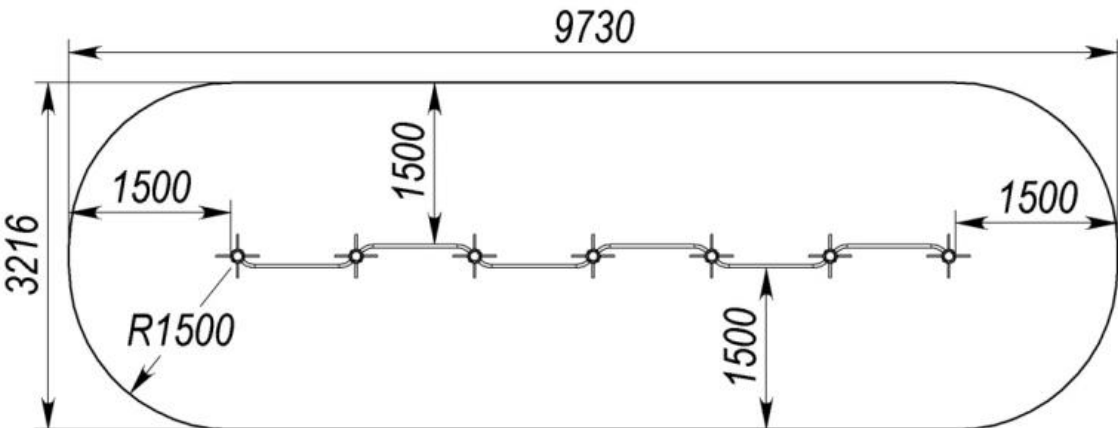
S832.1

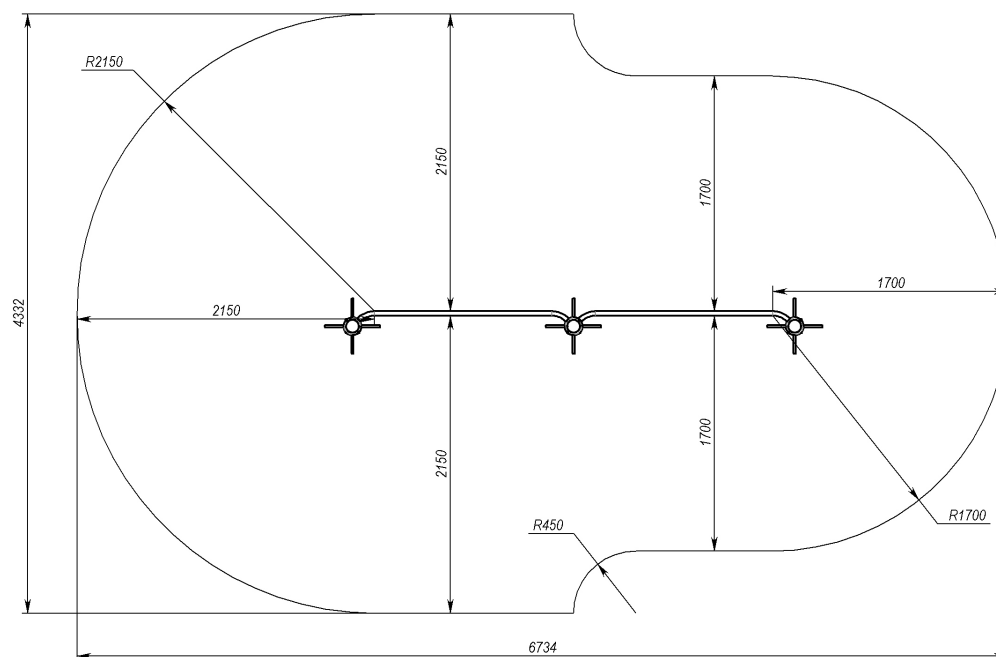
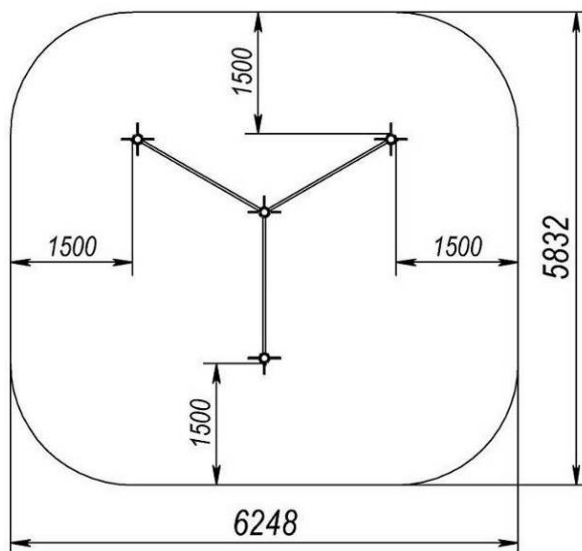
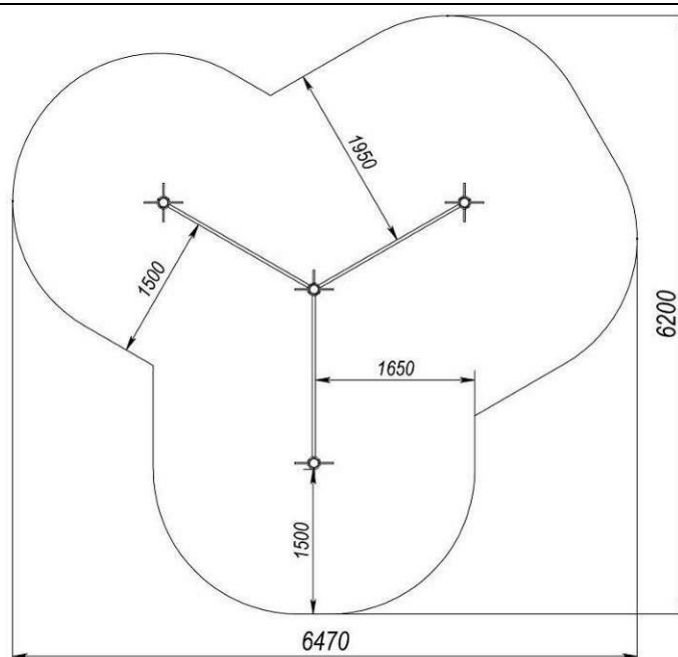


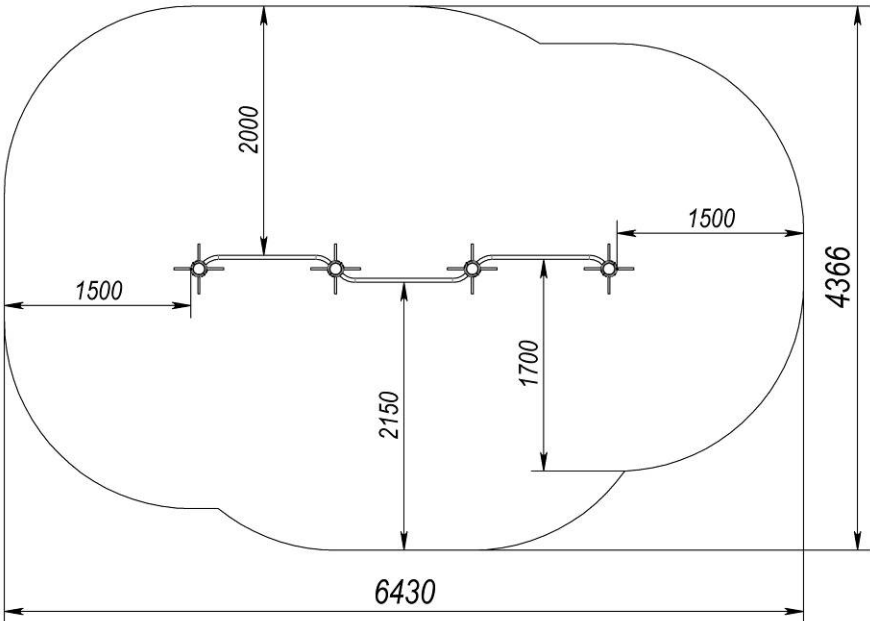
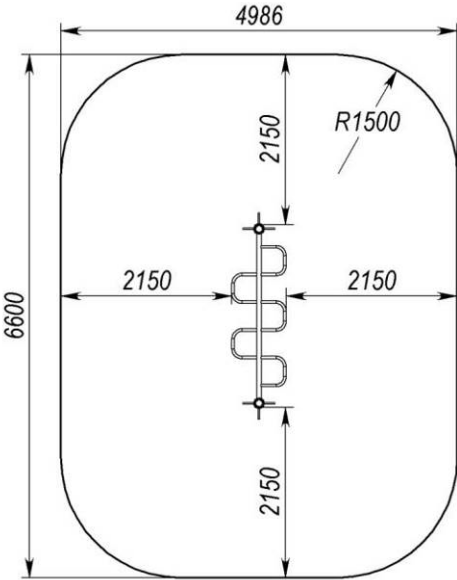
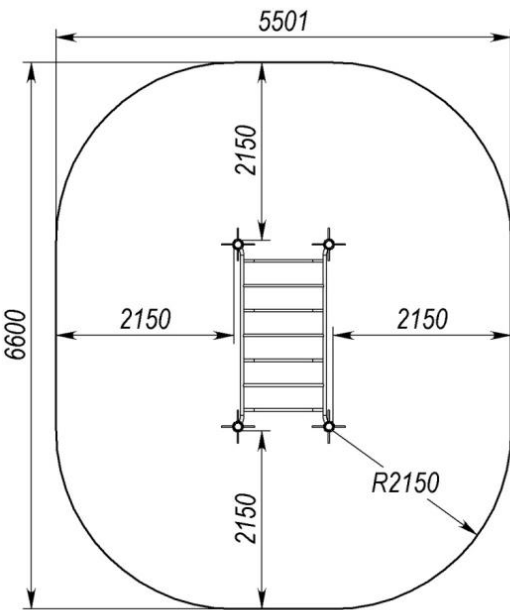
Horizontal bar 1,6x2,5 m

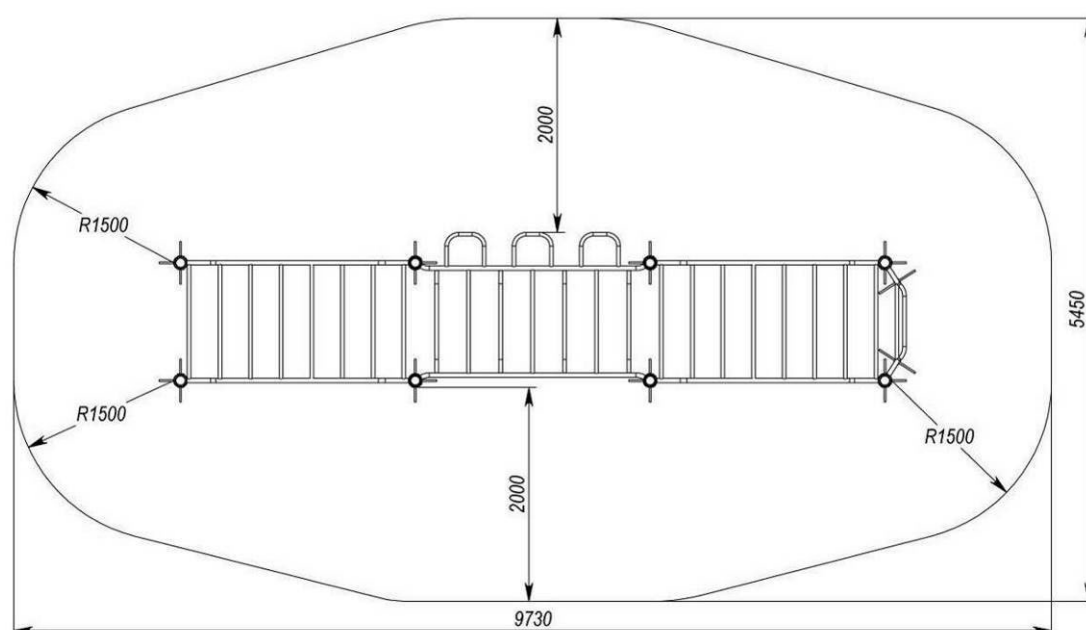
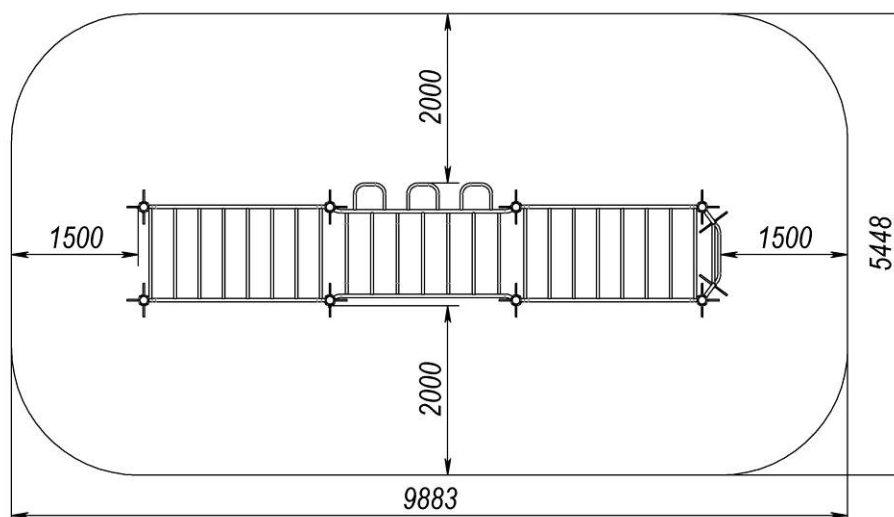
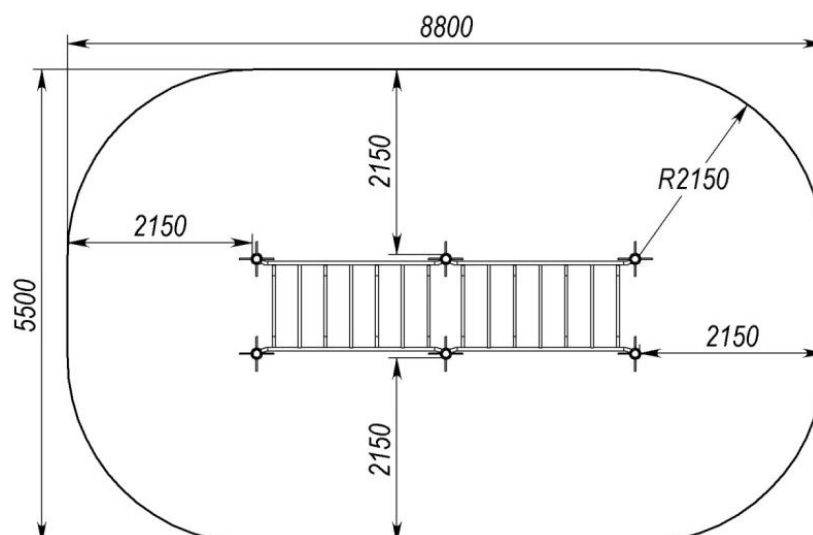
S832.2

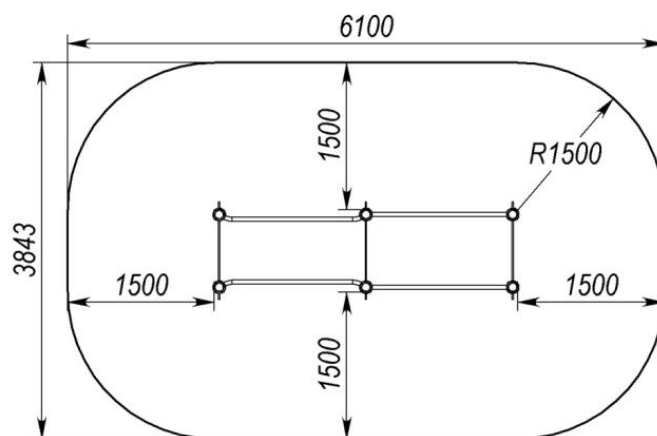
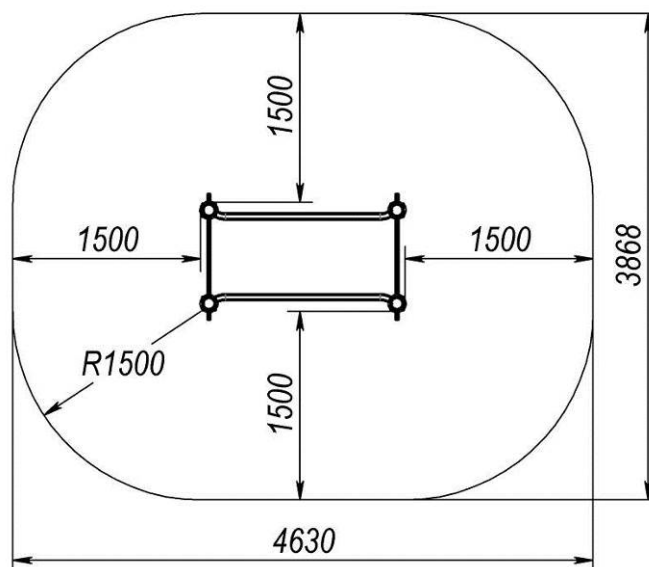
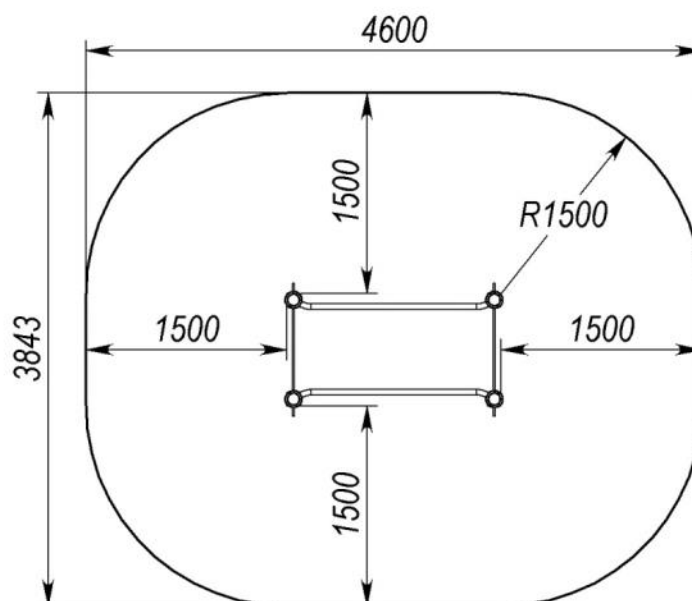


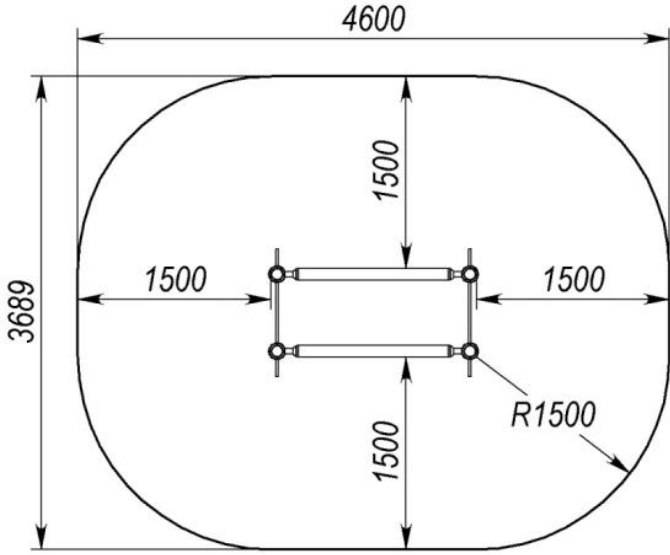
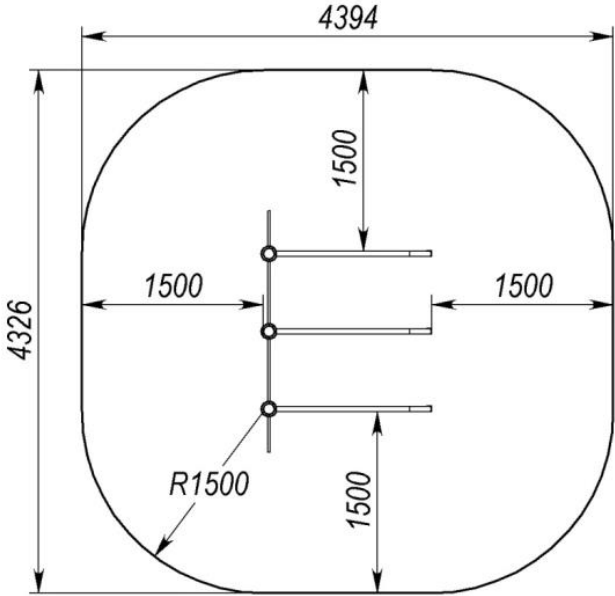
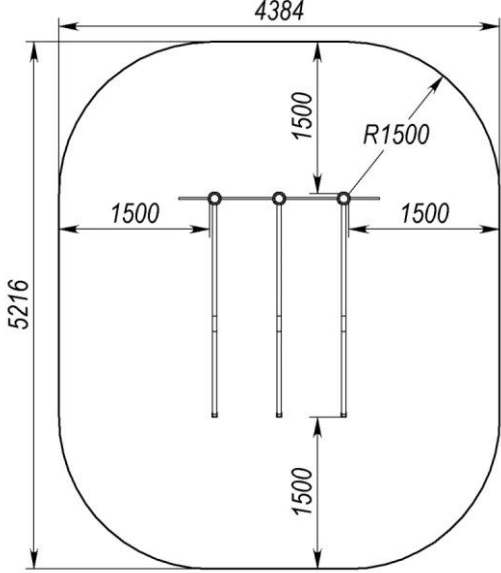
Horizontal bar 1,1x0,9 m	S832.3
	
Horizontal bar 4-level	S832.4
	
Set of horizontal bars for push-ups	S832.5
	

Horizontal bar 2-level
S832.6

Tripple Horizontal Bar
S832.6-UA

Horizontal bar 3-level
S832.7


Horizontal bar 3-level	S832.8
	
Monkey bar	S833.1
	
Monkey bar 1,1x2,2x2,5 m	S833.2
	

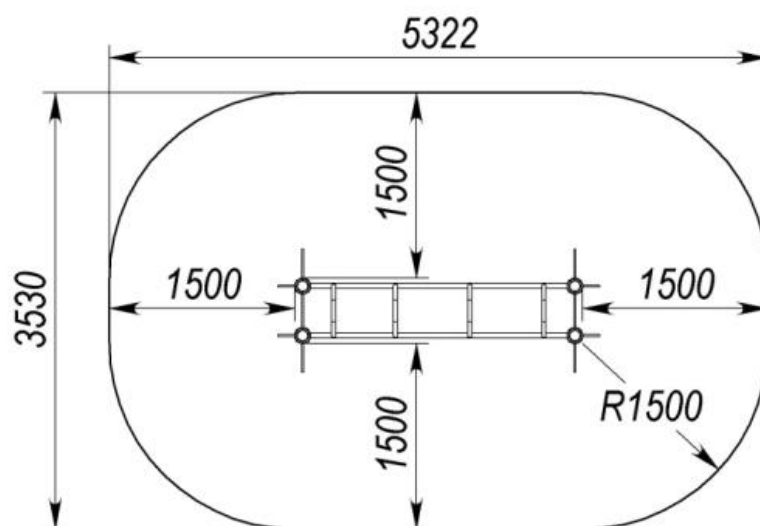


2 level parallel bars**S834.1****Parallel bars 0,6x1,5 m****S834.2****Parallel bars 0,6x1,5x0,25 m****S834.3**

Parallel bars - abdominals	S834.4
	
Triple parallel bars 0,6x1,1x1,5 m	S834.5
	
Triple incline parallel bars 0,6x1,1x1,5 m	S834.6
	

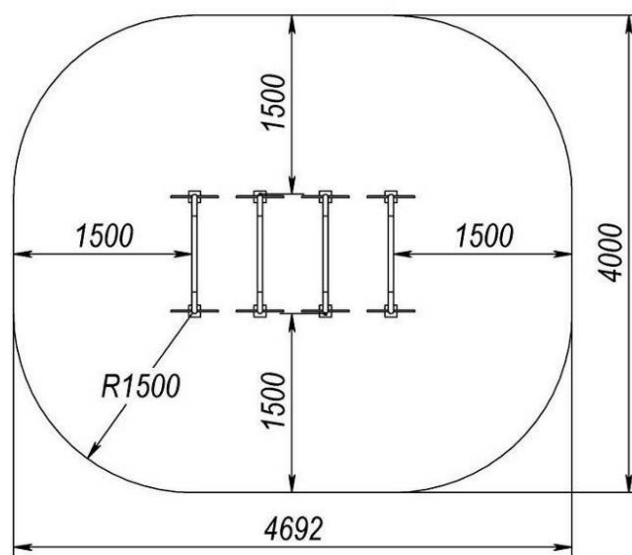
Mini parallel bars

S834.7



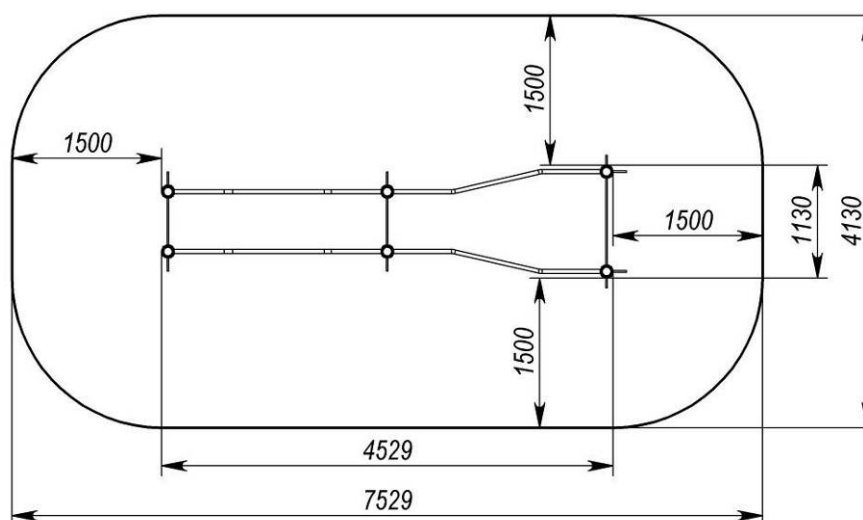
Handle for push-ups

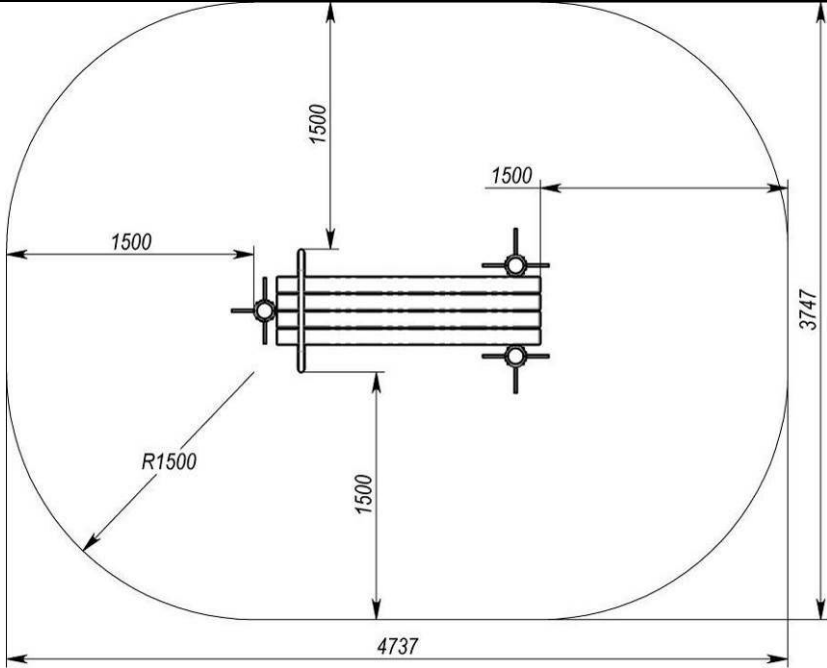
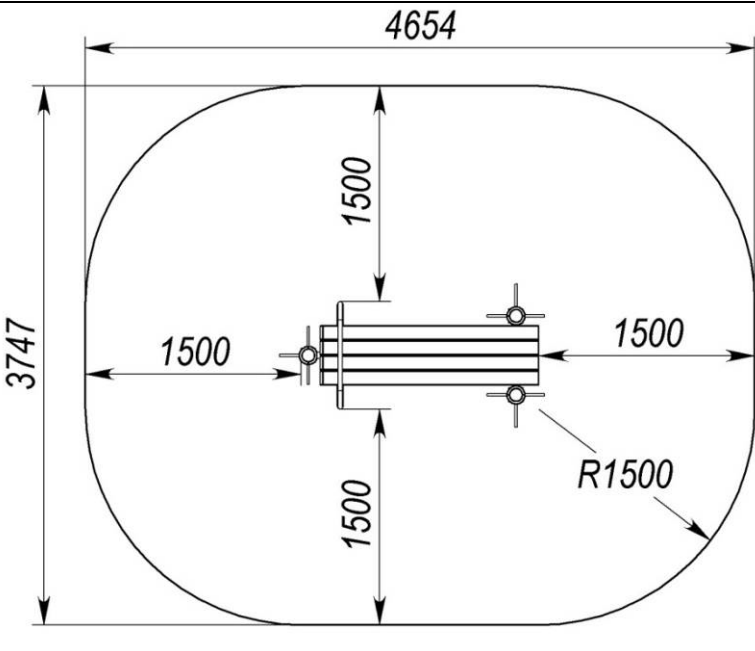
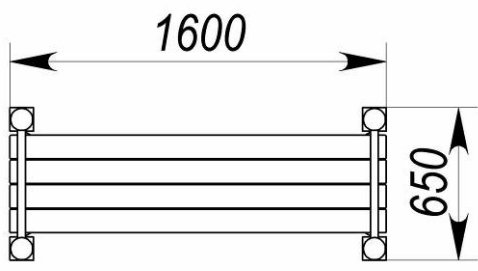
S834.9

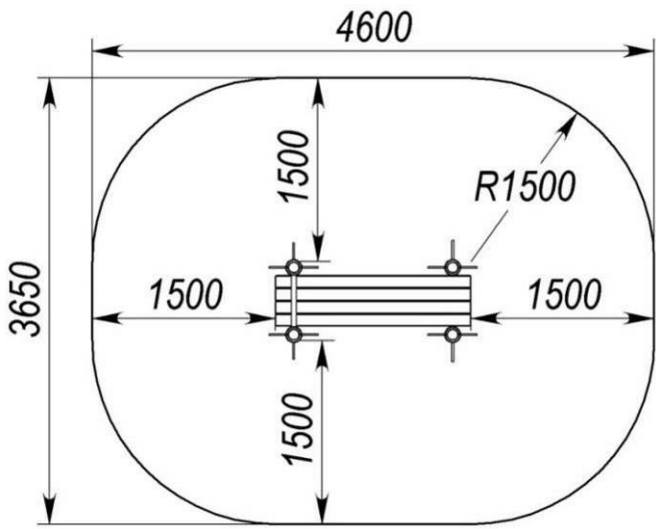
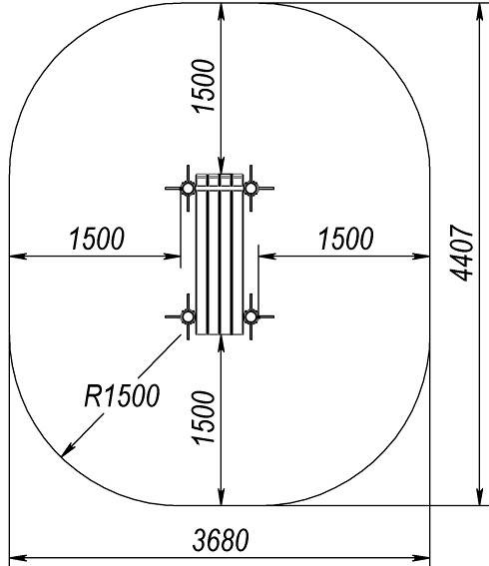
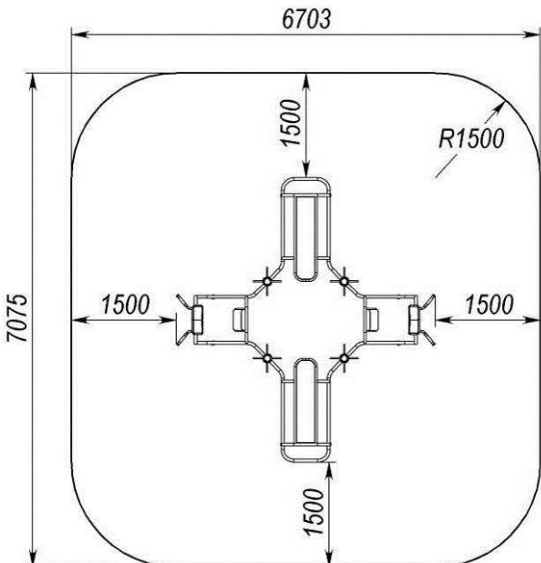


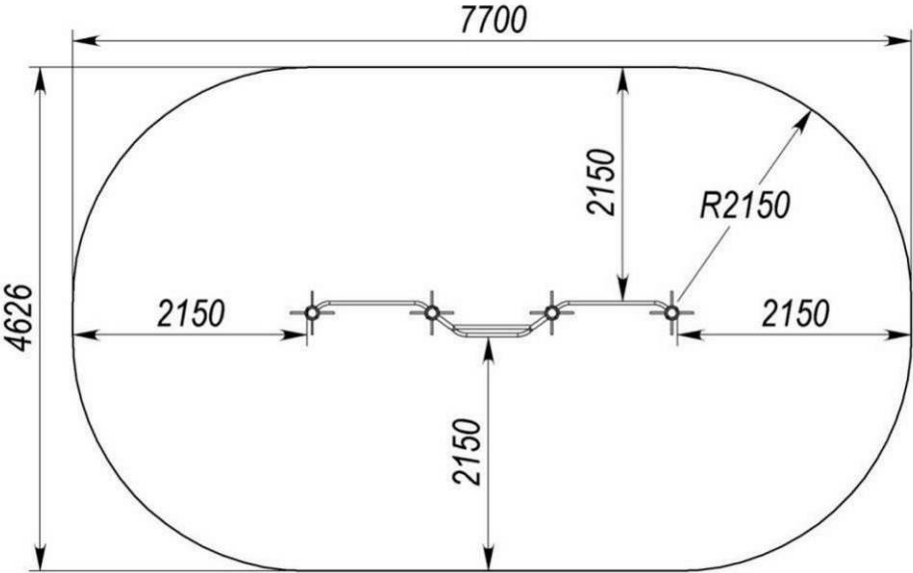
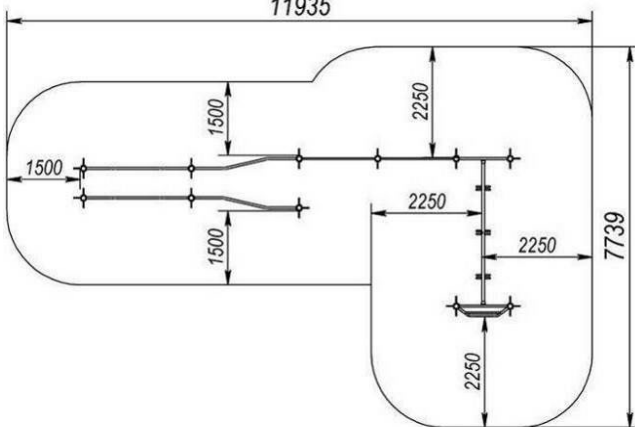
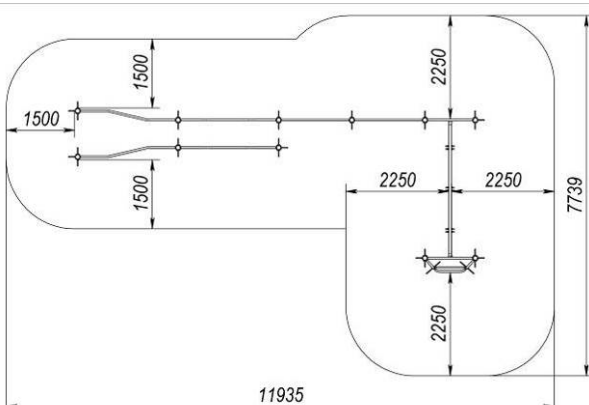
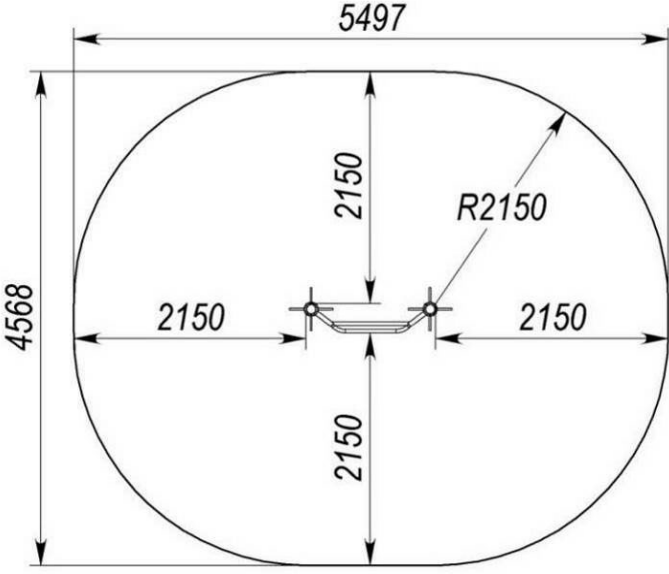
Inclined spreader bars

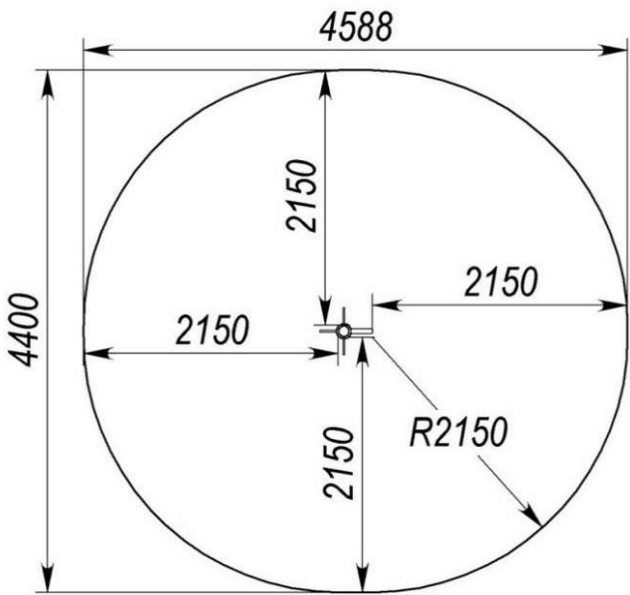
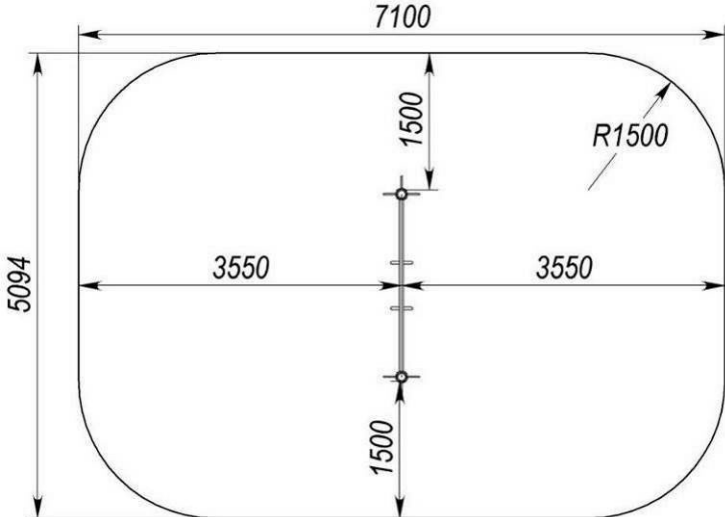
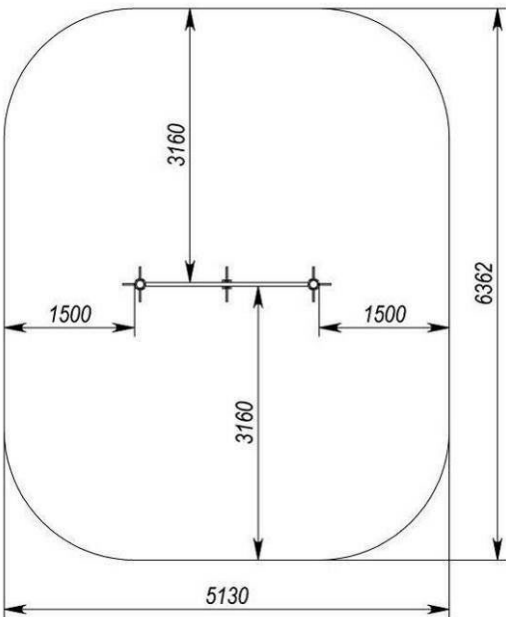
S834.10

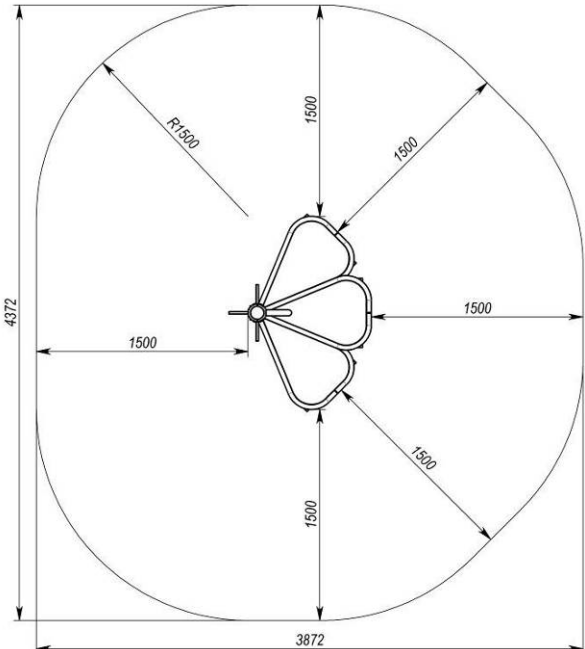
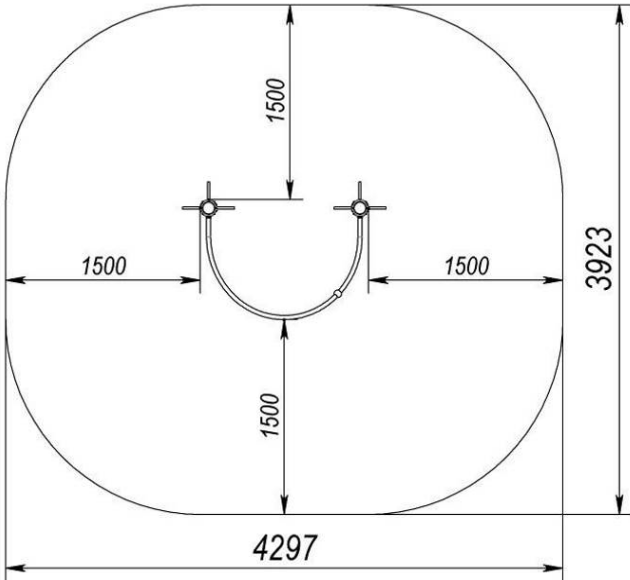
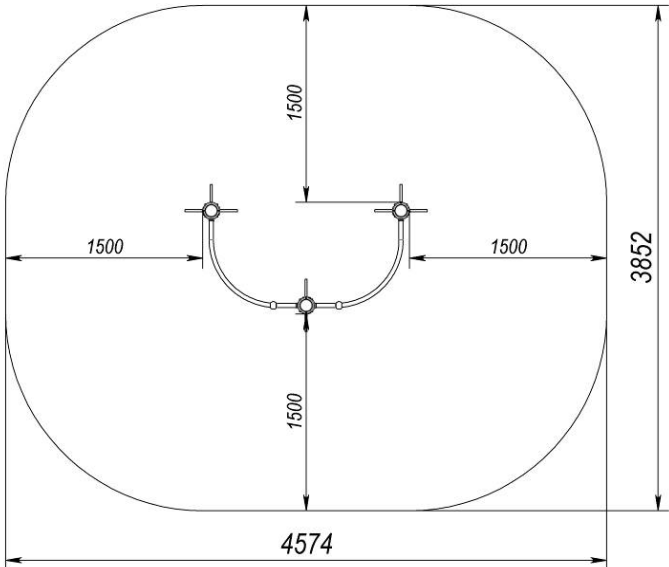


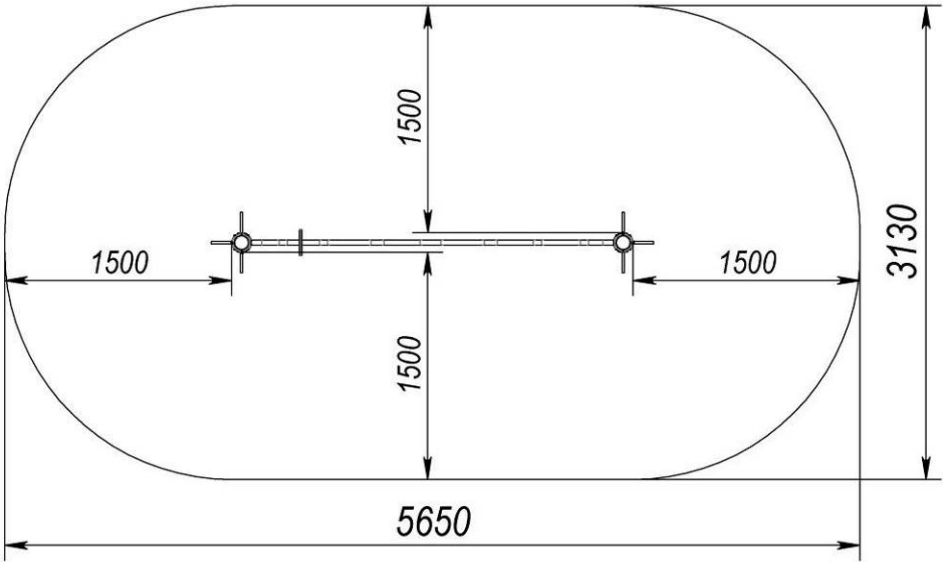
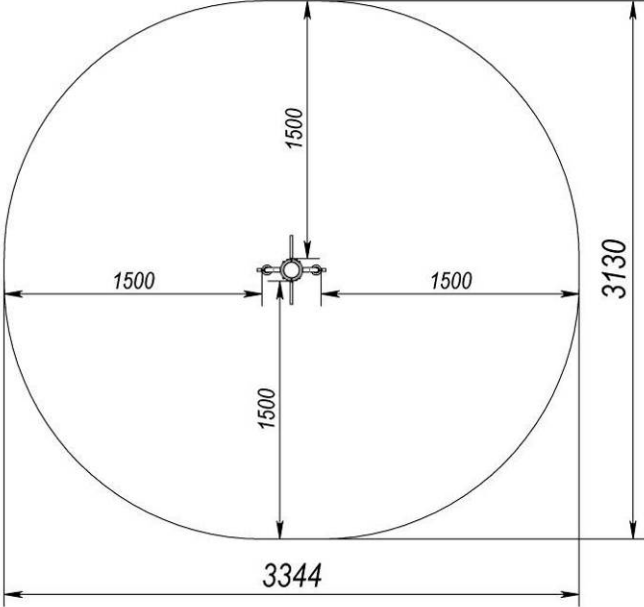
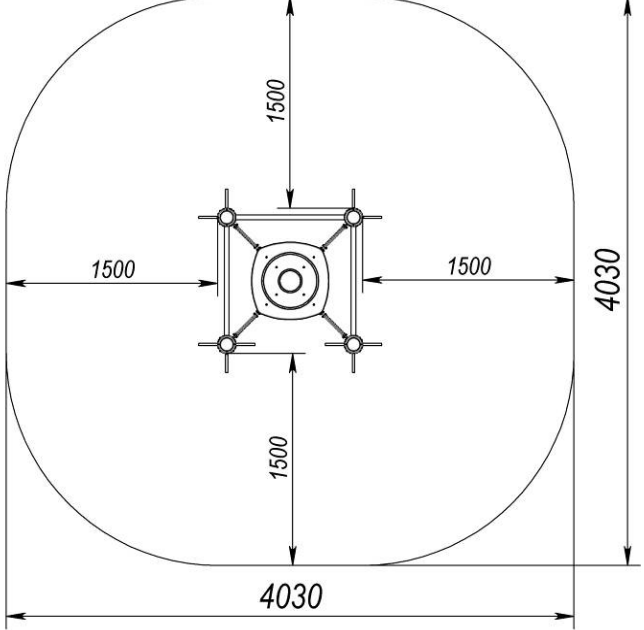
Horizontal bench 1,6 m	S835.1
 Technical drawing of a horizontal bench. The bench is centered within a large circle with a radius of R1500. The bench has a central horizontal section with a width of 1500. The distance from the center of the bench to the left and right edges of the circle is 1500. The distance from the center of the bench to the top and bottom edges of the circle is 1500. The total width of the bench is 4737, and the total height is 3747.	
Incline bench 1,6 m	S835.2
 Technical drawing of an incline bench. The bench is centered within a large circle with a radius of R1500. The bench has a central horizontal section with a width of 1500. The distance from the center of the bench to the left and right edges of the circle is 1500. The distance from the center of the bench to the top and bottom edges of the circle is 1500. The total width of the bench is 4654, and the total height is 3747.	
Bench 1,6 m	S835.3
 Technical drawing of a bench. The bench has a length of 1600 and a width of 650.	

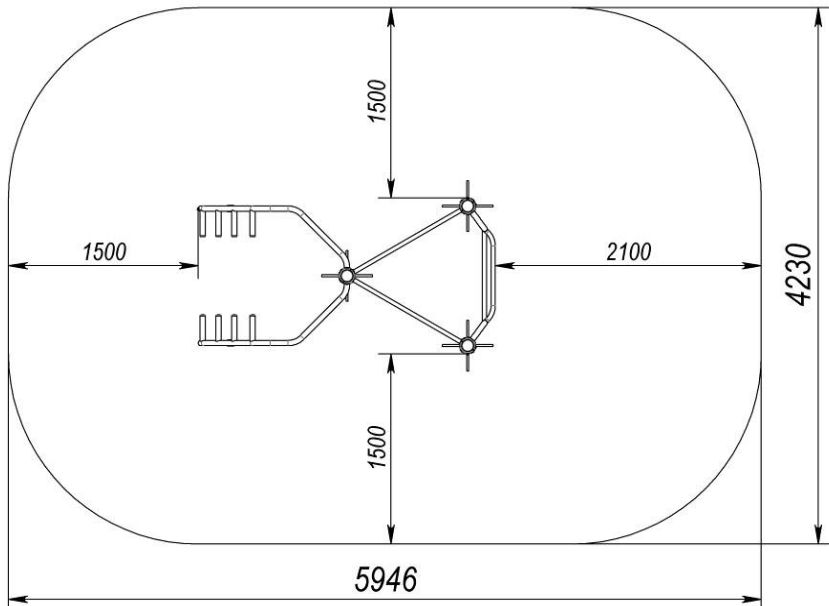
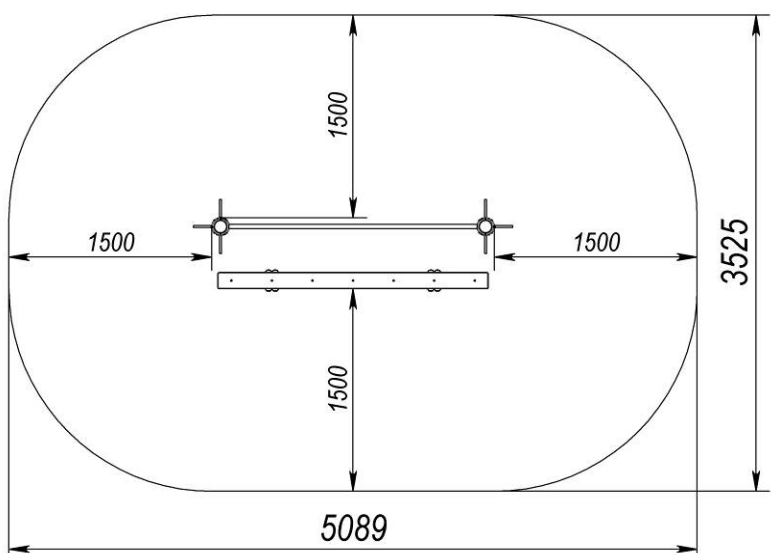
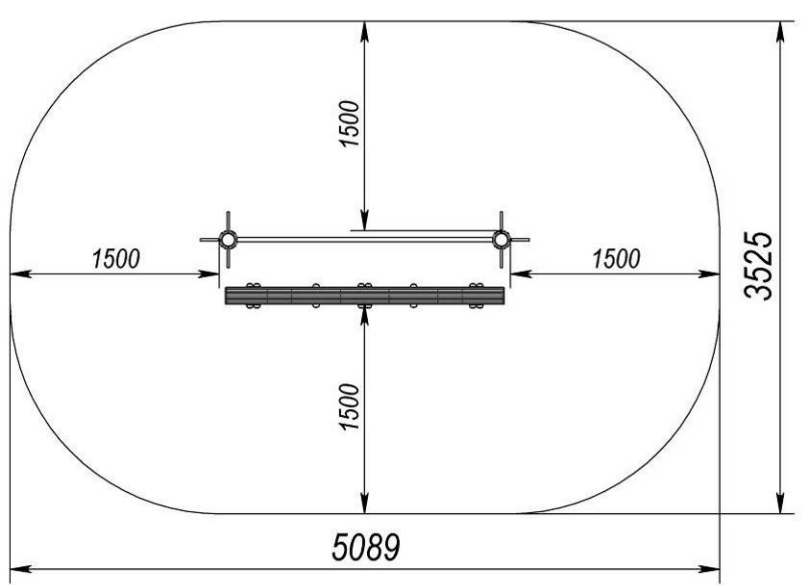
Horizontal bench 1,6 m	S835.4
 Technical drawing of a horizontal bench. The overall width is 4600 and the overall height is 3650. The bench features a central horizontal section with a width of 1500. The corners are rounded with a radius of R1500. The distance from the center of the bench to the outer edge of the rounded corners is 1500.	
Incline bench 1,6 m	S835.4-30
 Technical drawing of an incline bench. The overall width is 3680 and the overall height is 4407. The bench features a central vertical section with a width of 1500. The corners are rounded with a radius of R1500. The distance from the center of the bench to the outer edge of the rounded corners is 1500.	
Abdominals - hyperextension	S836.1
 Technical drawing of an abdominal hyperextension bench. The overall width is 6703 and the overall height is 7075. The bench features a central vertical section with a width of 1500. The corners are rounded with a radius of R1500. The distance from the center of the bench to the outer edge of the rounded corners is 1500.	

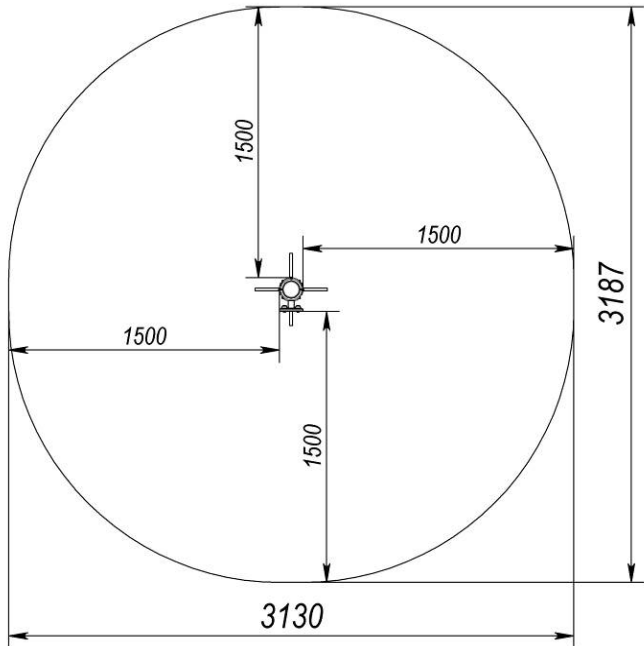
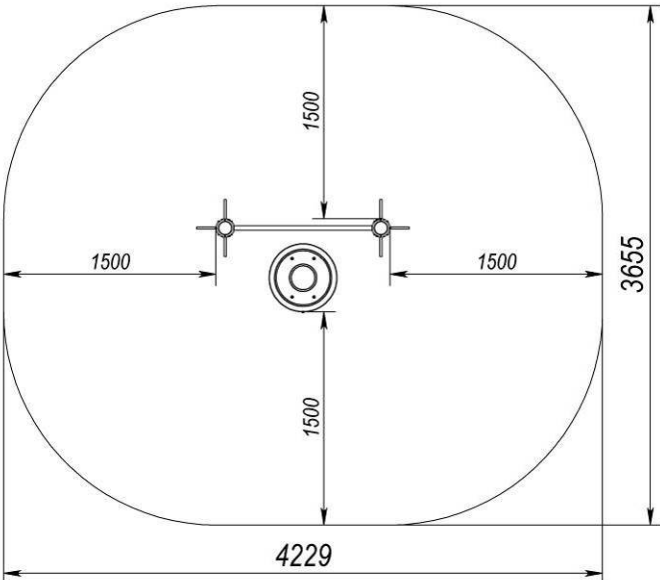
Horizontal bar - ladder	S836.2
	
Bar TRX complex	S836.2-UA
 Installation variant №1  Installation variant №2	
Ladder	S839.1
	

Vertical handler	S839.2
	
Gymnastic rings	S839.3
	
Gymnastic rope	S839.4
	

Step platform	S839.10
	
Shoulder arch (right, left)	S839.11, S839.11-01
	
Shoulder arch double	S839.12
	

Wavy handrail	S839.13
	
Vertical handler for wrists	S839.14
	
Balancing platform	S839.15
	

Stretching station	S839.16
	
Straight balancing beam	S839.17
	
Wavy balancing beam	S839.18
	

Finger ladder	S839.19
	
Sitting balancer	S839.20
	

6. INFORMATION ON STORAGE, TRANSPORT AND DISPOSAL

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

Transportation information

Date		Brand, state vehicle/trailer number	Position, full name	Signature
Sending	Arrival			

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 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 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

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

After the end of the life of the equipment, the buyer independently determines the order of its use. If you decide to dispose of it, 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.

Disposal of the product (remelting, burial, resale) in accordance with the procedure established by the Laws of Ukraine of 1992 No. 50, Art. 678, (as amended No. 2556 – III (2556-14) dated 21.06.2001, No. 48, Article 252 "On Protection of Atmospheric Air" (as amended from 14.07.2016); dated 1998 No. 36- 37, Article 242 "On Waste" (as amended from 04.09.2015); from 1991 No. 41, Article 546 "On Environmental Protection" (as amended from 04.10.2016), as well as other regulations, acts, rules, regulations, etc.

7. USE OF THE PRODUCT

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 category is prohibited.

It is prohibited to use the product by users of another weight category.

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.

8. 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, checking 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 equipment operation, 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.

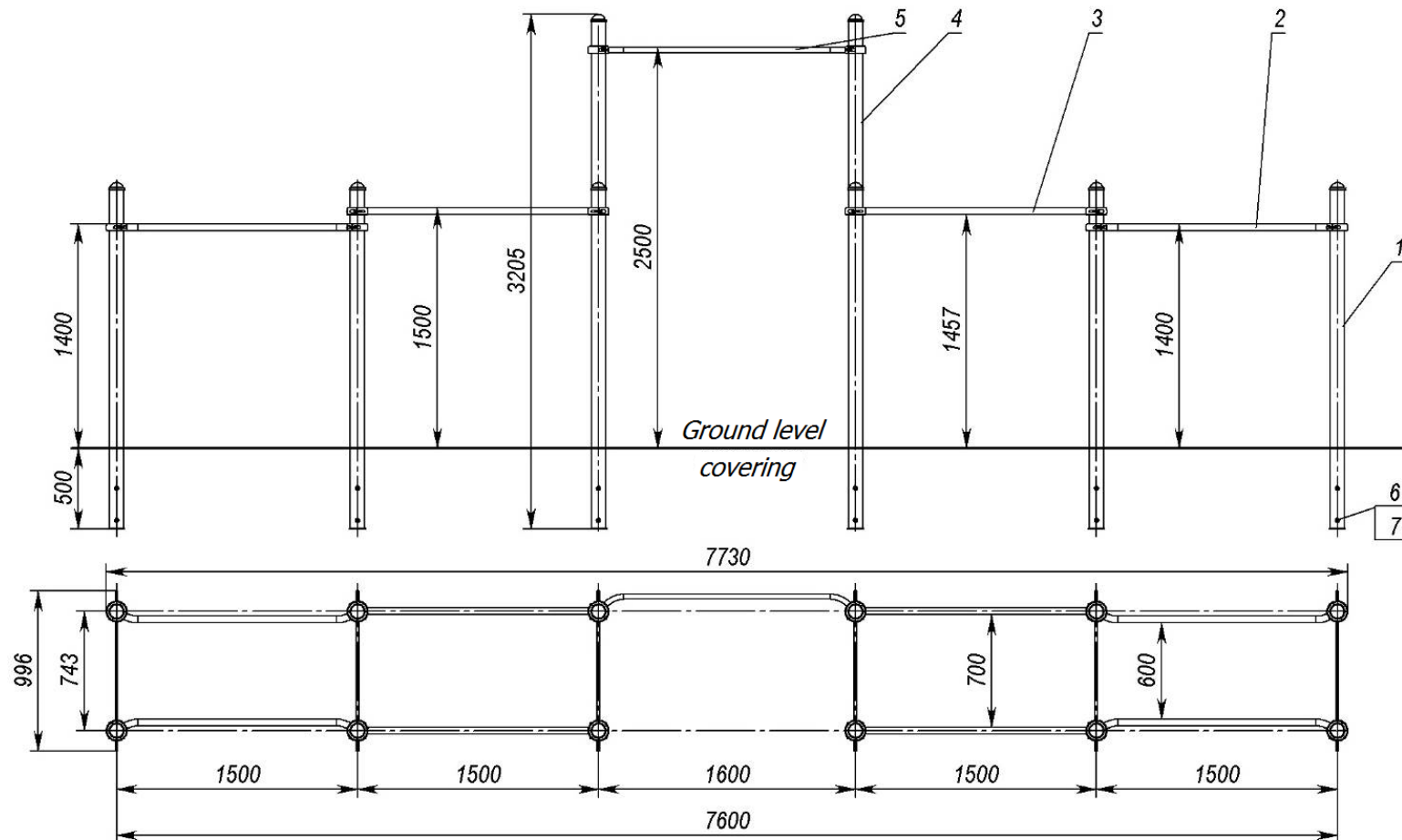
Every three months, a planned inspection should be carried out, which primarily concerns the foundation part, load-bearing elements and elements' connection nodes (their integrity and degree of wear).

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.

According to the results of the inspection, a maintenance procedure is carried out, designed to eliminate the identified inconsistencies in the operation of the product. This procedure includes assessing the condition of parts and assemblies, replacing worn parts, and restoring the integrity of protective coatings. The results of the performed inspections, as well as the procedures carried out based on the results 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 acts of performance of work on technical maintenance of the product, acts of repair work.

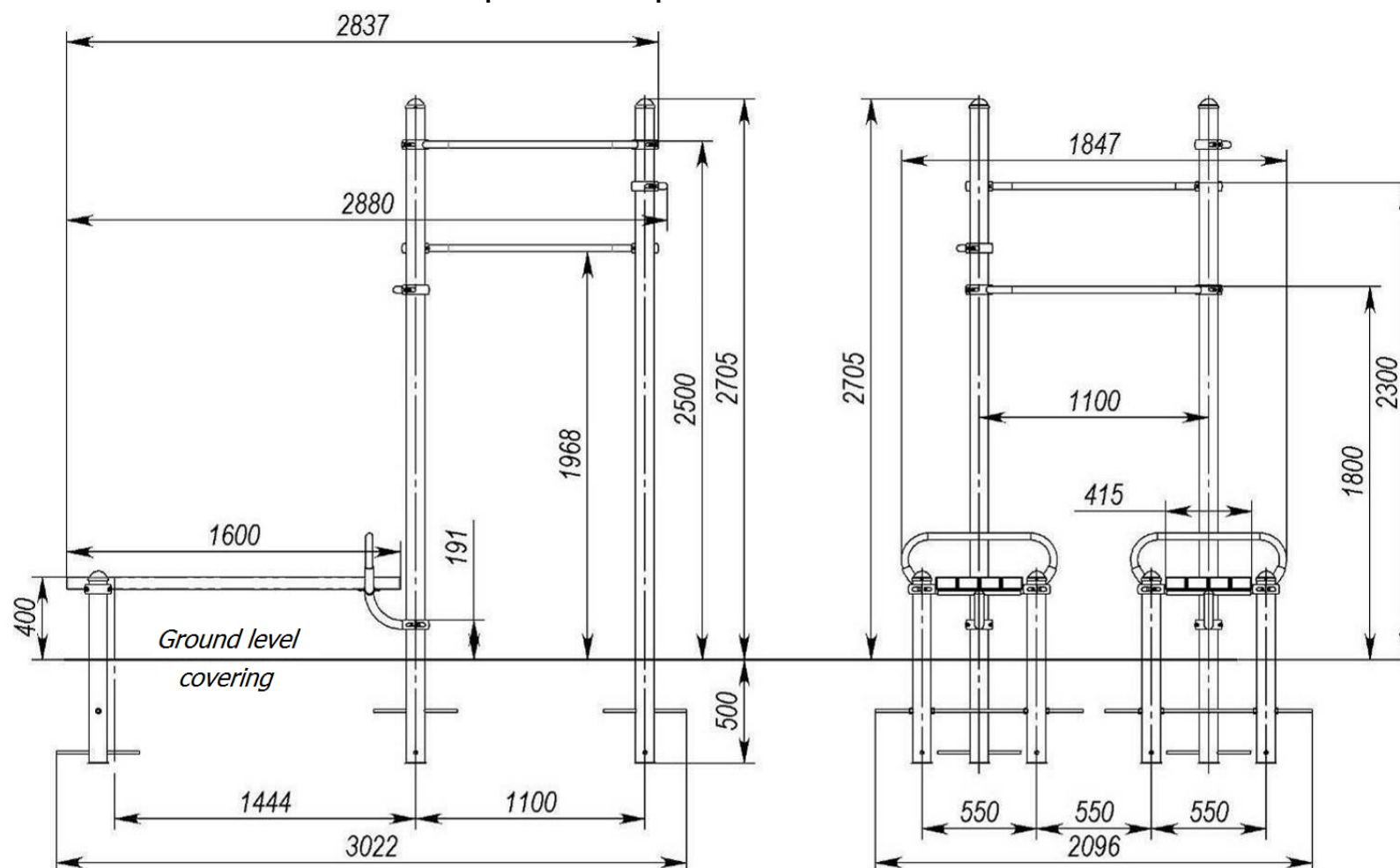
Appendix A

S831.1 – Sports Complex Workout (Parallel bars - horizontal bar)



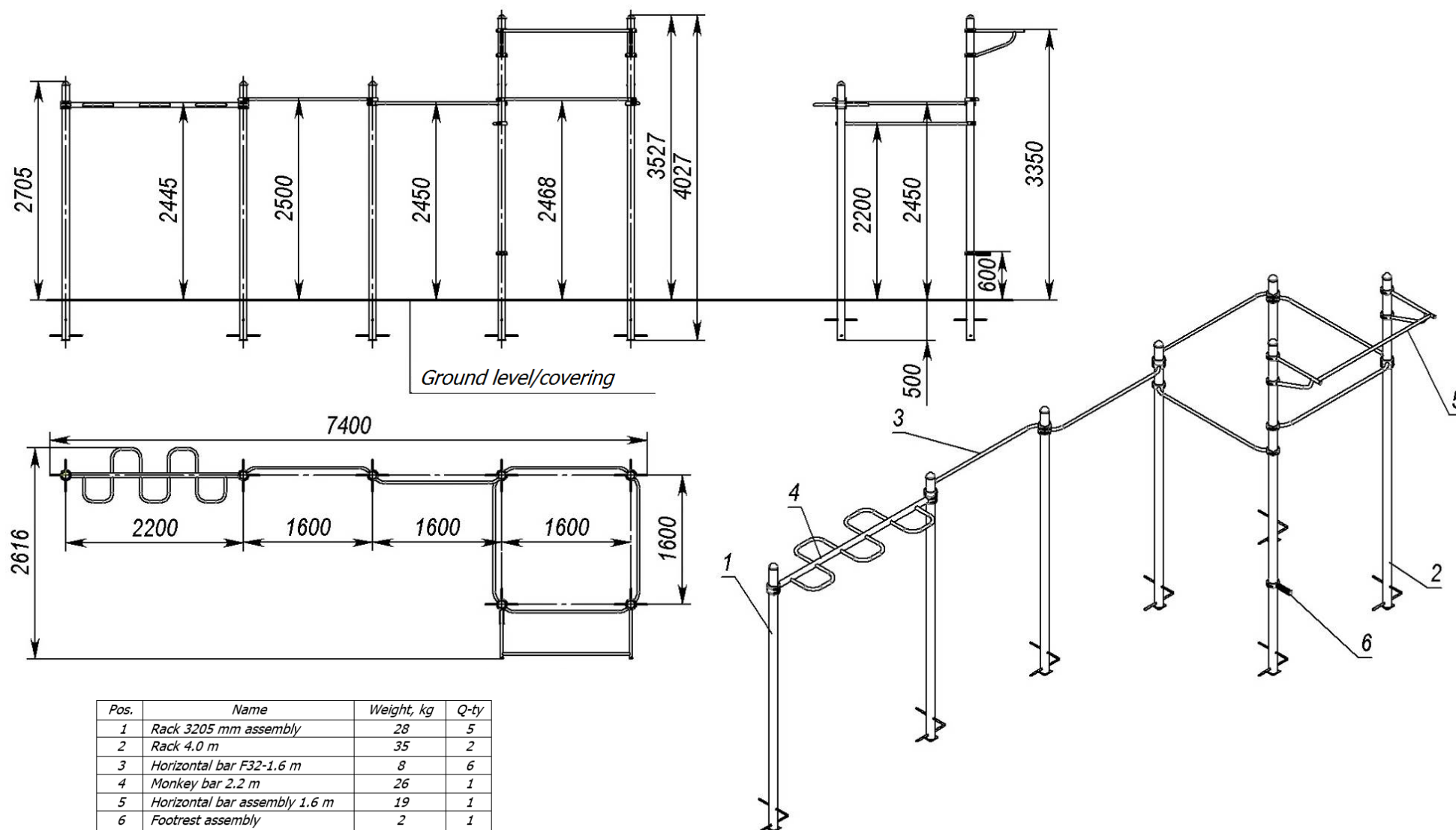
Pos.	Name	Weight, kg	Q-ty
1	Rack 2.1 m (for threaded rod)	18	10
2	Beam 1.5 m bent assembly	8	4
3	Beam 1.5 m straight assembly	8	4
4	Rack 3.2 m (for threaded rods)	27	2
5	Horizontal bar F32-1.6 m	8	1
6	Threaded rod M16 L=996 mm	2	12
7	Nut M16 GOST5915		48

S831.2 - Sports Complex with 2 inclined benches

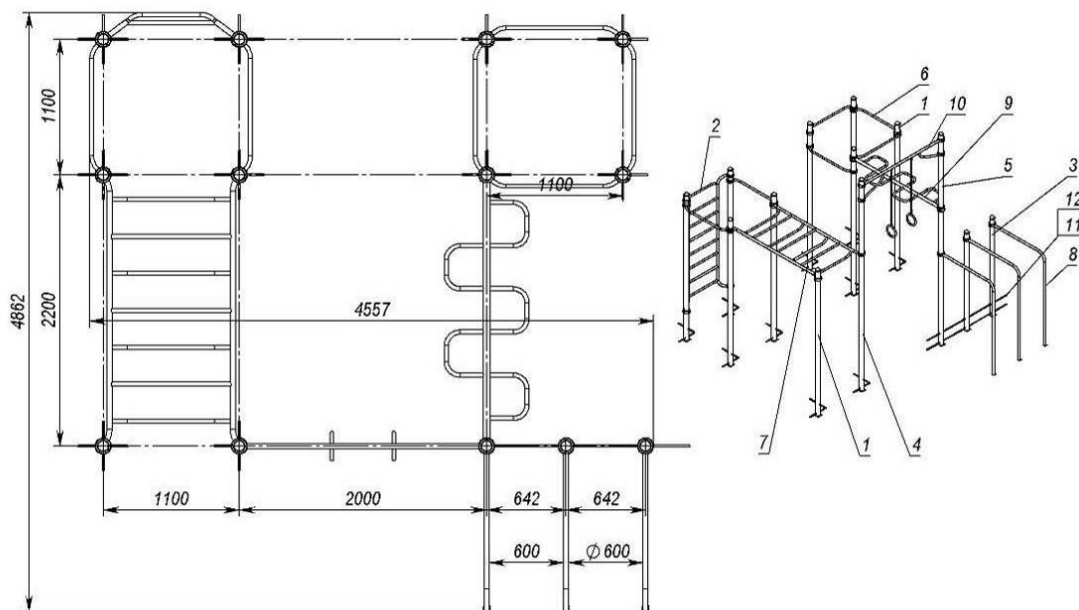
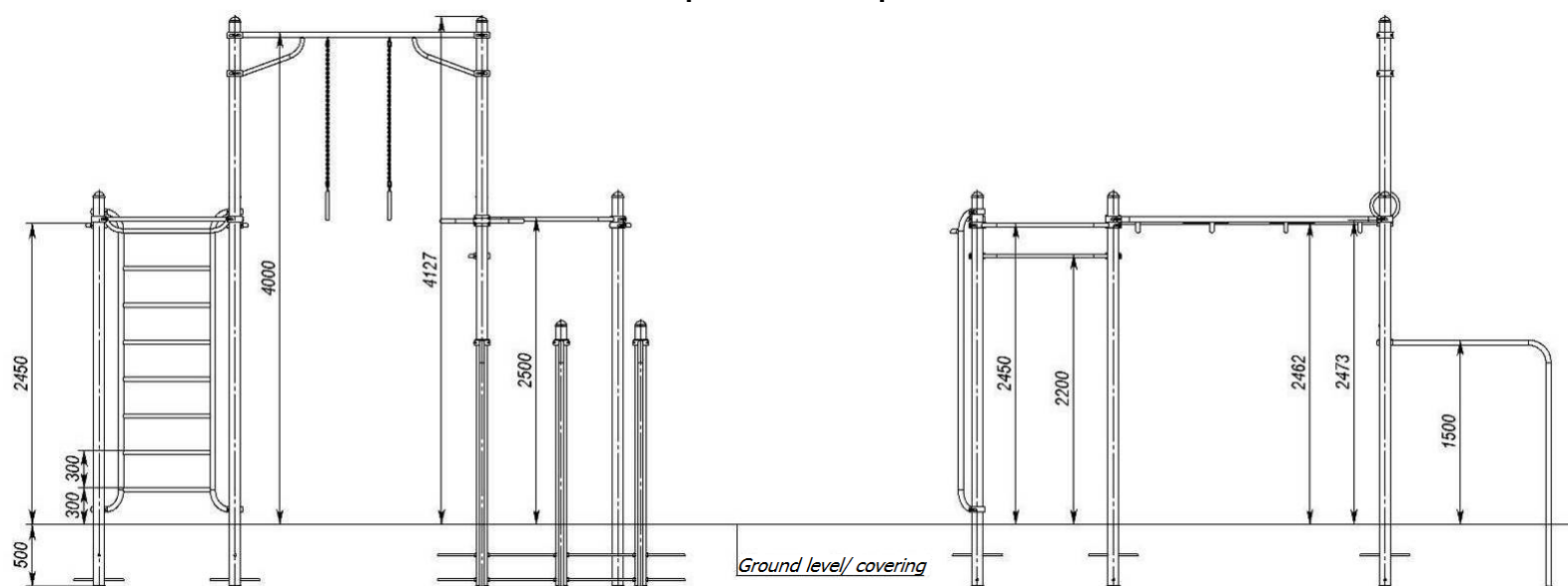


Pos.	Name	Weight, kg	Q-ty
1	Rack 3205 mm assembly	28	4
2	Horizontal bar F32-1.1 m	7	4
3	Horizontal side bench 1.6 m	52	2

S831.3 - Sports Complex with horizontal bars and monkey bar

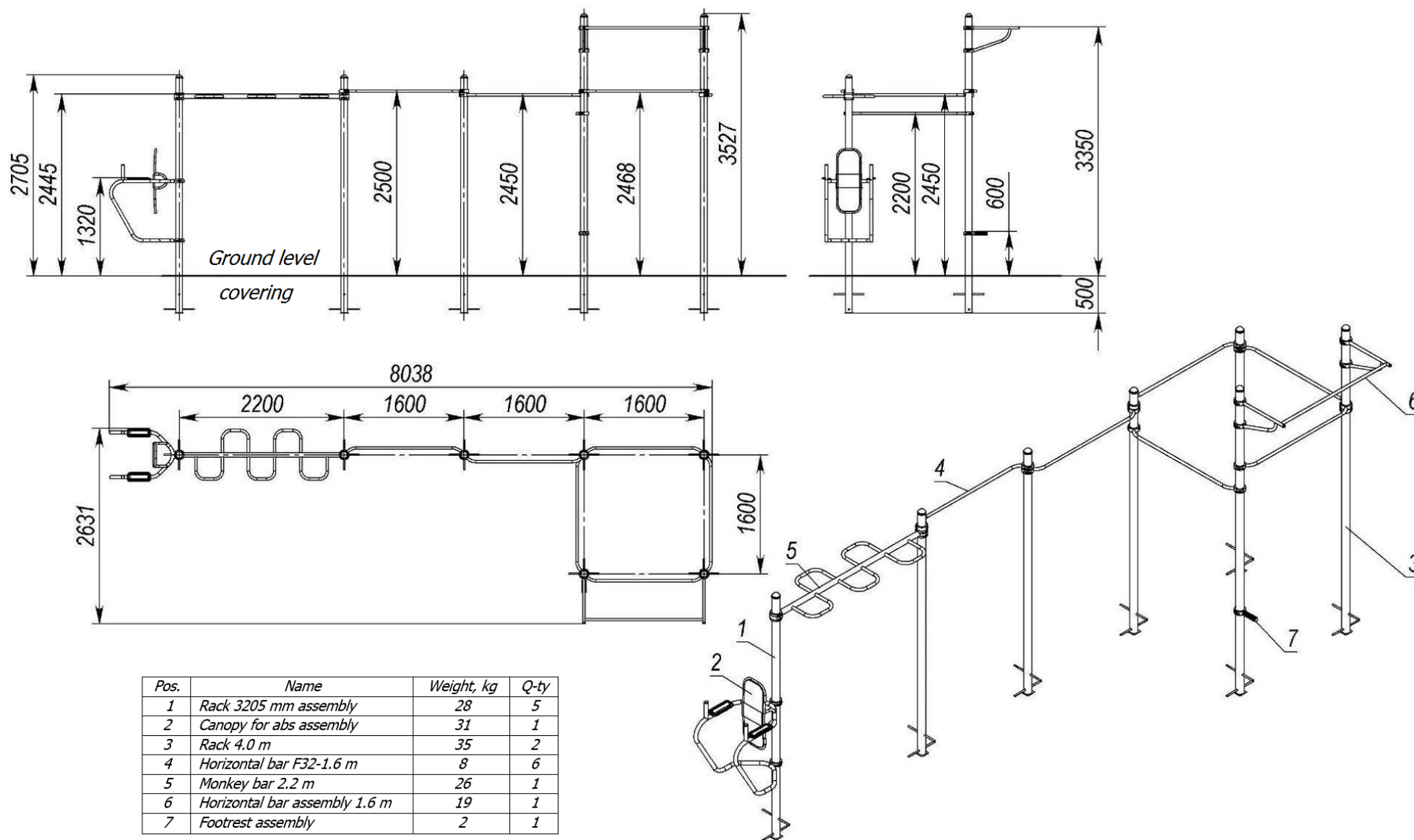


S831.4 - Sports Complex Workout

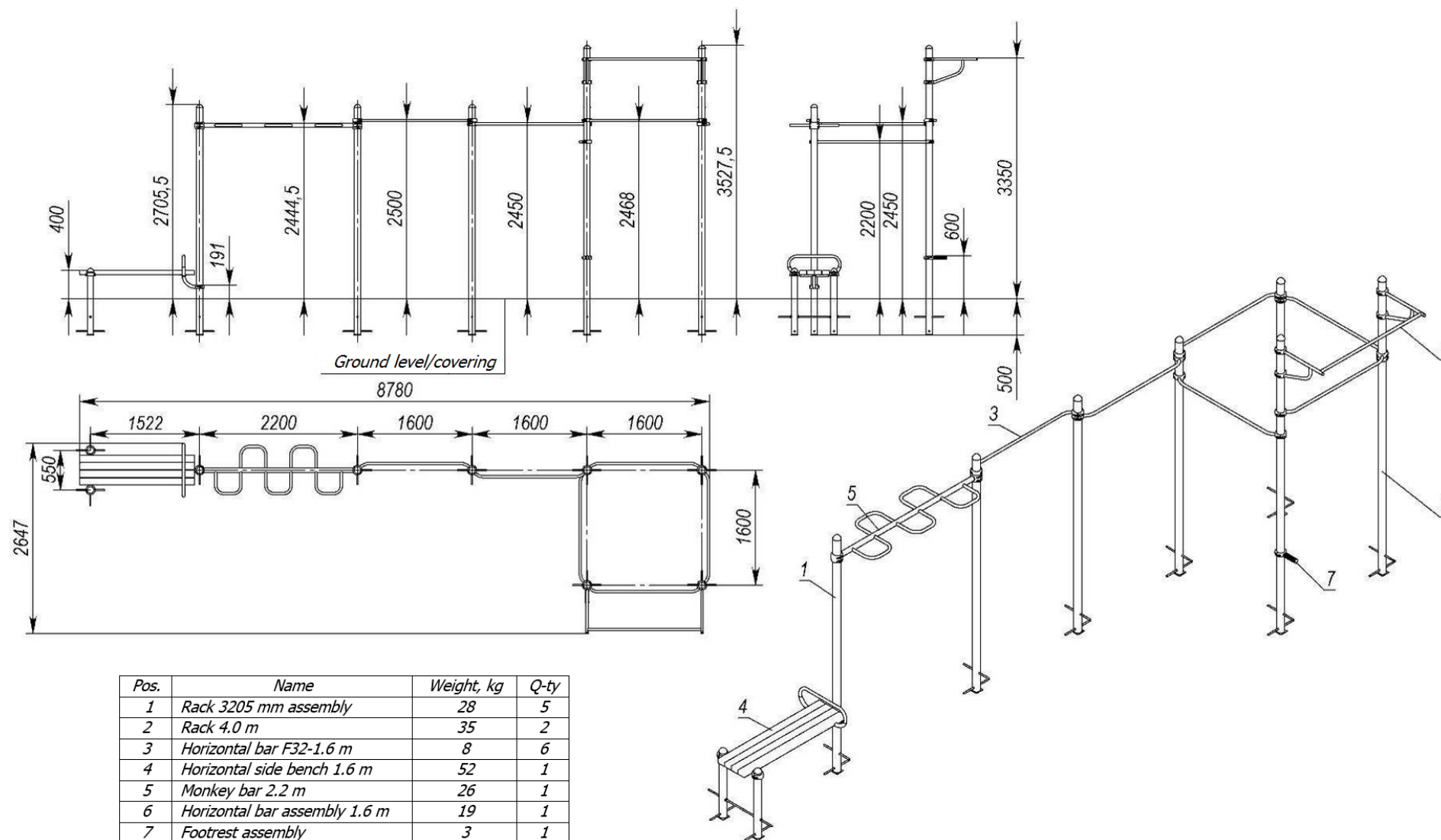


Pos.	Name	Weight, kg	Q-ty
1	Rack 3205 mm assembly	28	9
2	Ladder assembly	34	1
3	Rack 2.1 m (for threaded rod)	18	2
4	Rack 4.6 m	40	1
5	Rack 4.6 m (for threaded rod)	38	1
6	Horizontal bar F32-1.1 m	7	6
7	Monkey bar 1.1x2.2 m assembly	34	1
8	Beam straight 1.1x1.5 m	11	3
9	Monkey bar 2.2 m	26	1
10	Sports equipment Rings	20	1
11	Threaded rod M16 L=2000 mm	3	2
12	Nut M16 GOST5915		12

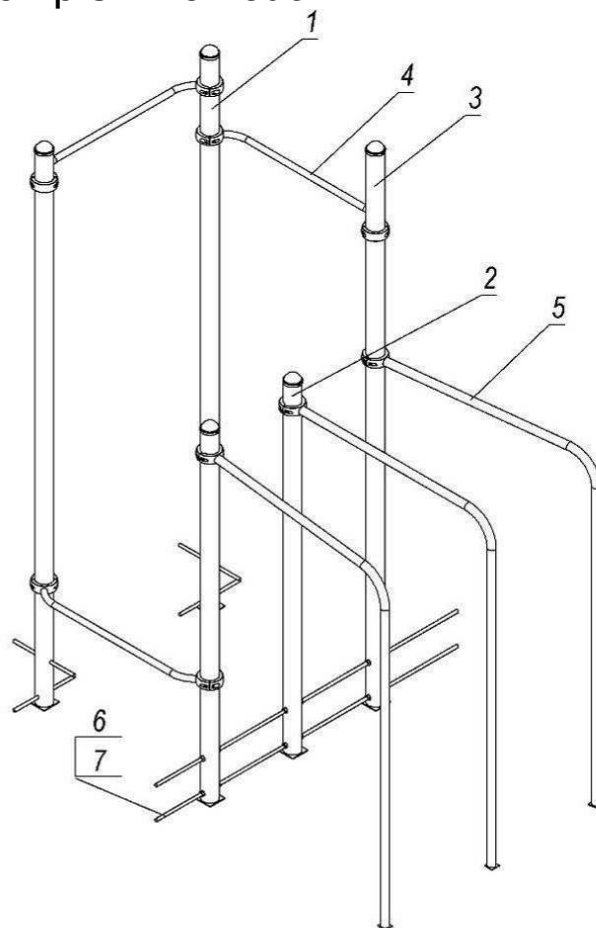
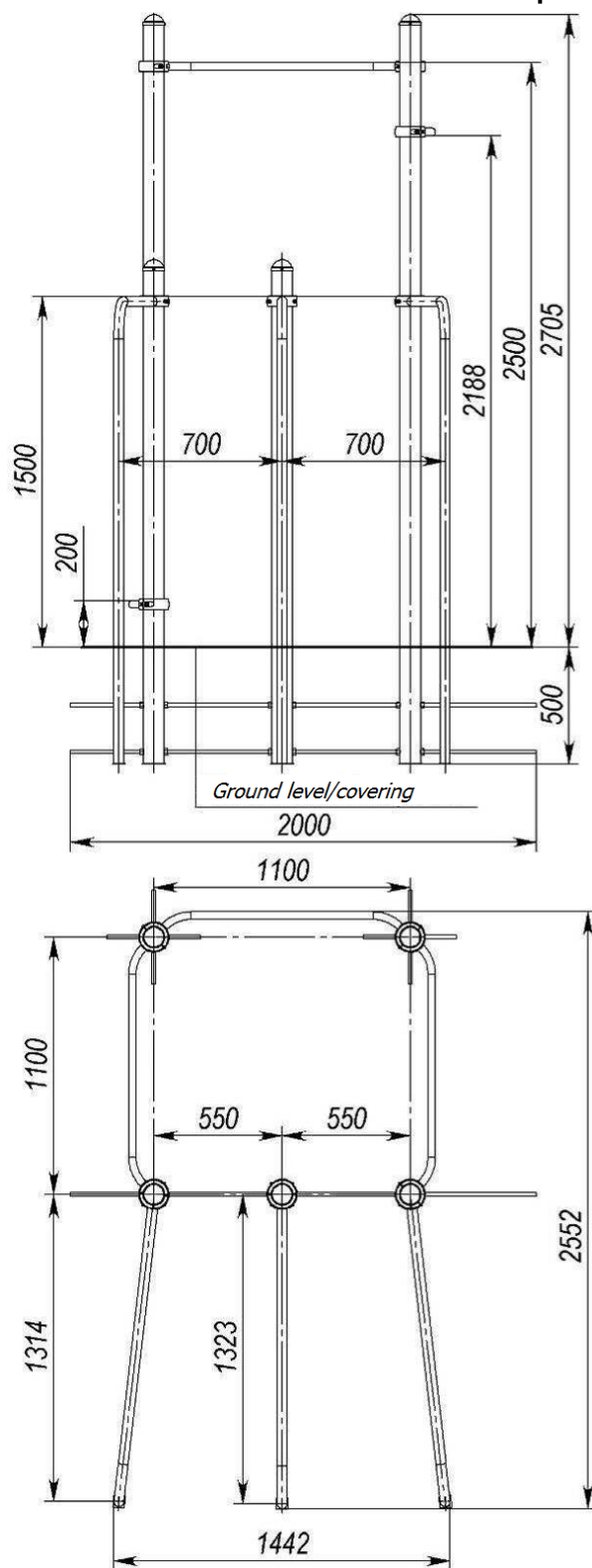
S831.5 - Sports Complex Workout



S831.6 – Sports Complex Workout

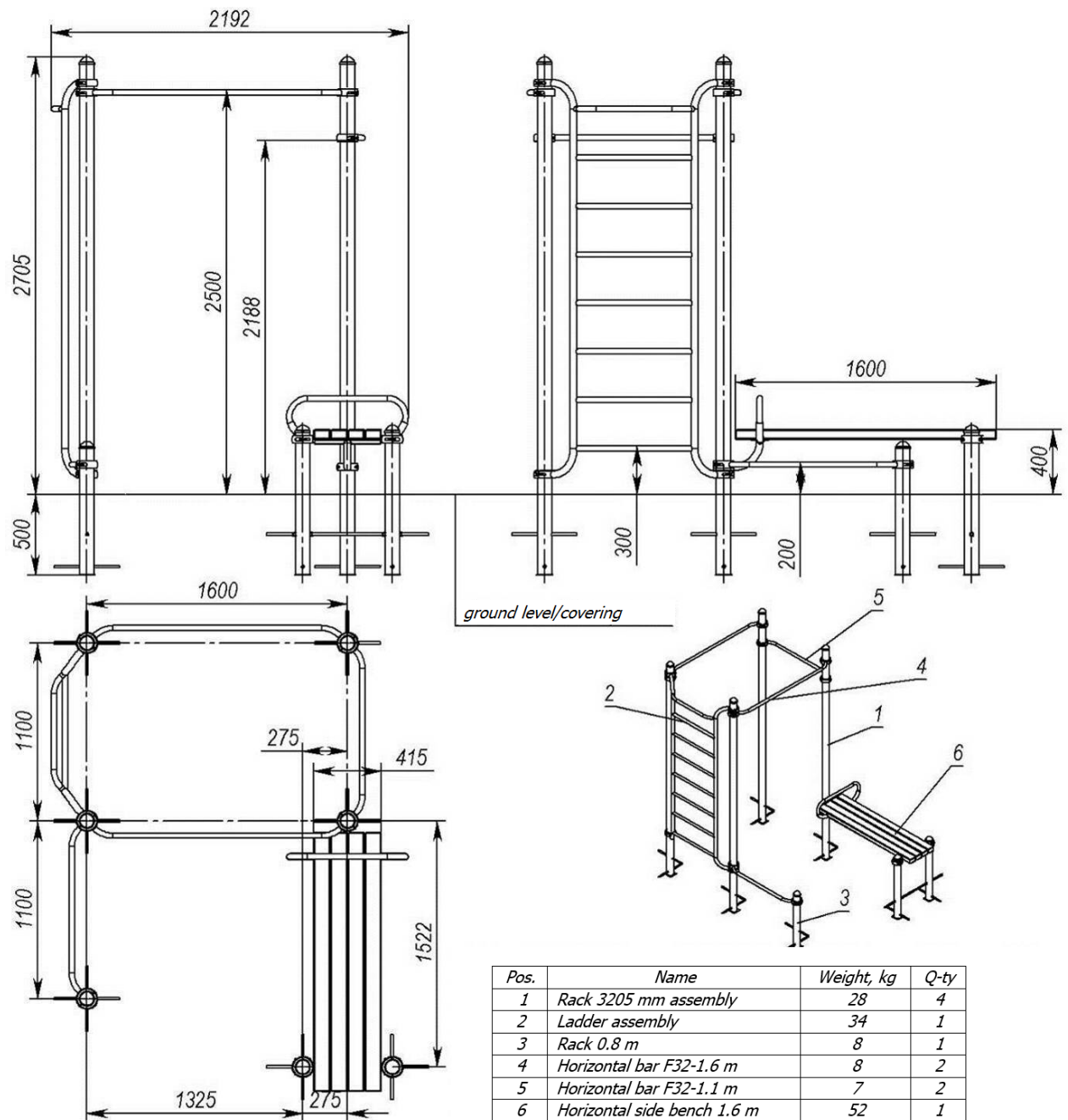


S831.7 – Sports Complex Workout

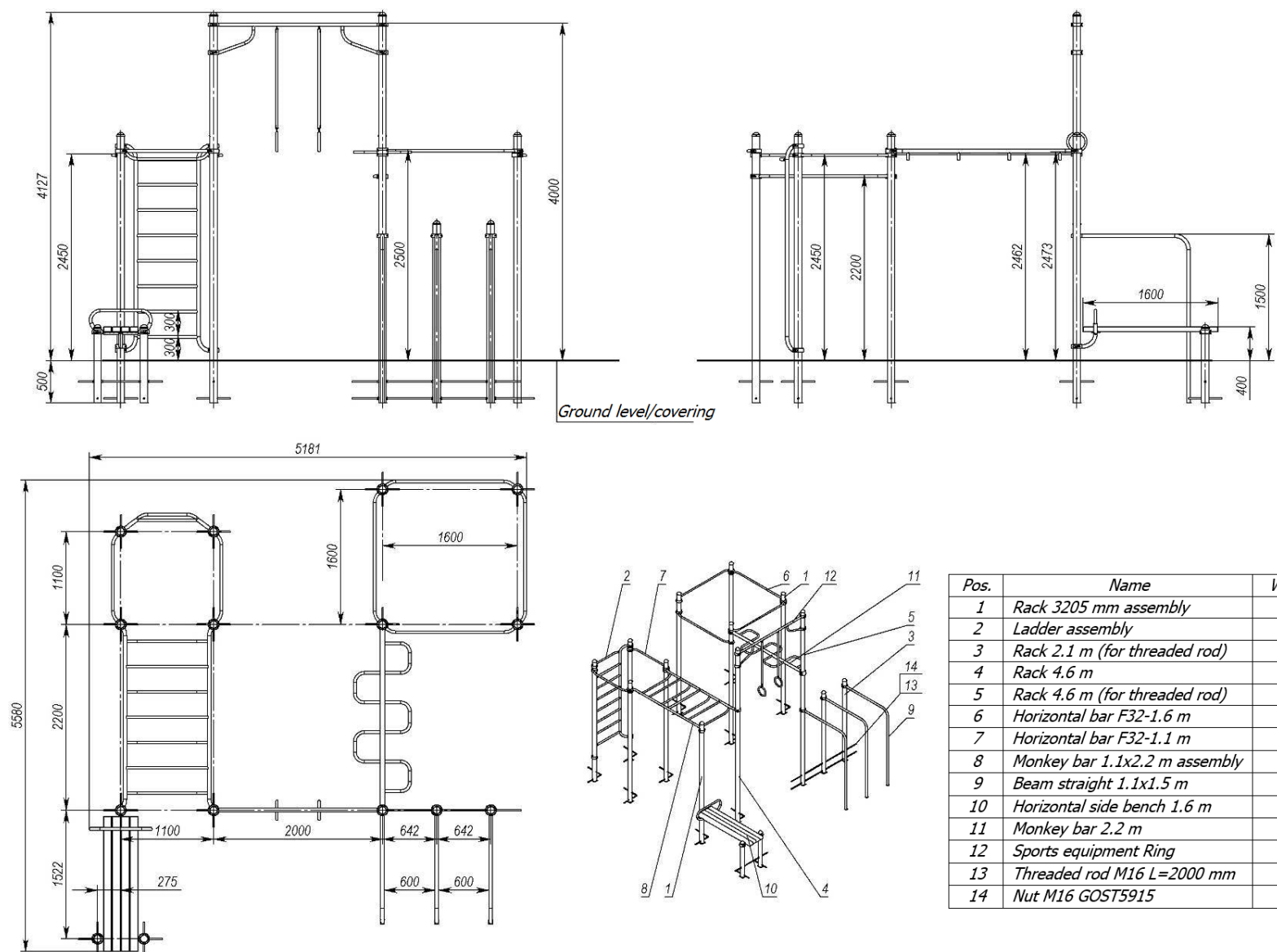


Pos.	Name	Weight, kg	Q-ty
1	Rack 3205 mm assembly	28	2
2	Rack 2.1 m (for threaded rod)	18	2
3	Rack 3.2 m (for threaded rod)	27	1
4	Horizontal bar F32-1.1 m	7	3
5	Beam straight 1.1x1.5 m	11	3
6	Nut M16 GOST5915		12
7	Threaded rod M16 L=2000 mm	3	2

S831.8 – Sports Complex Workout

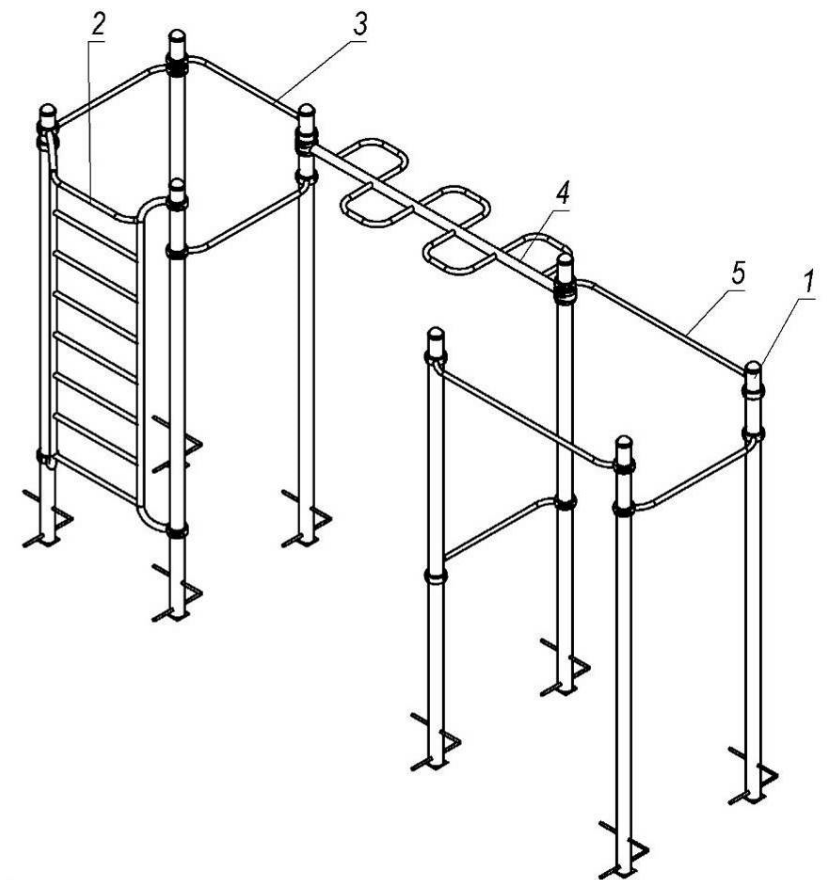
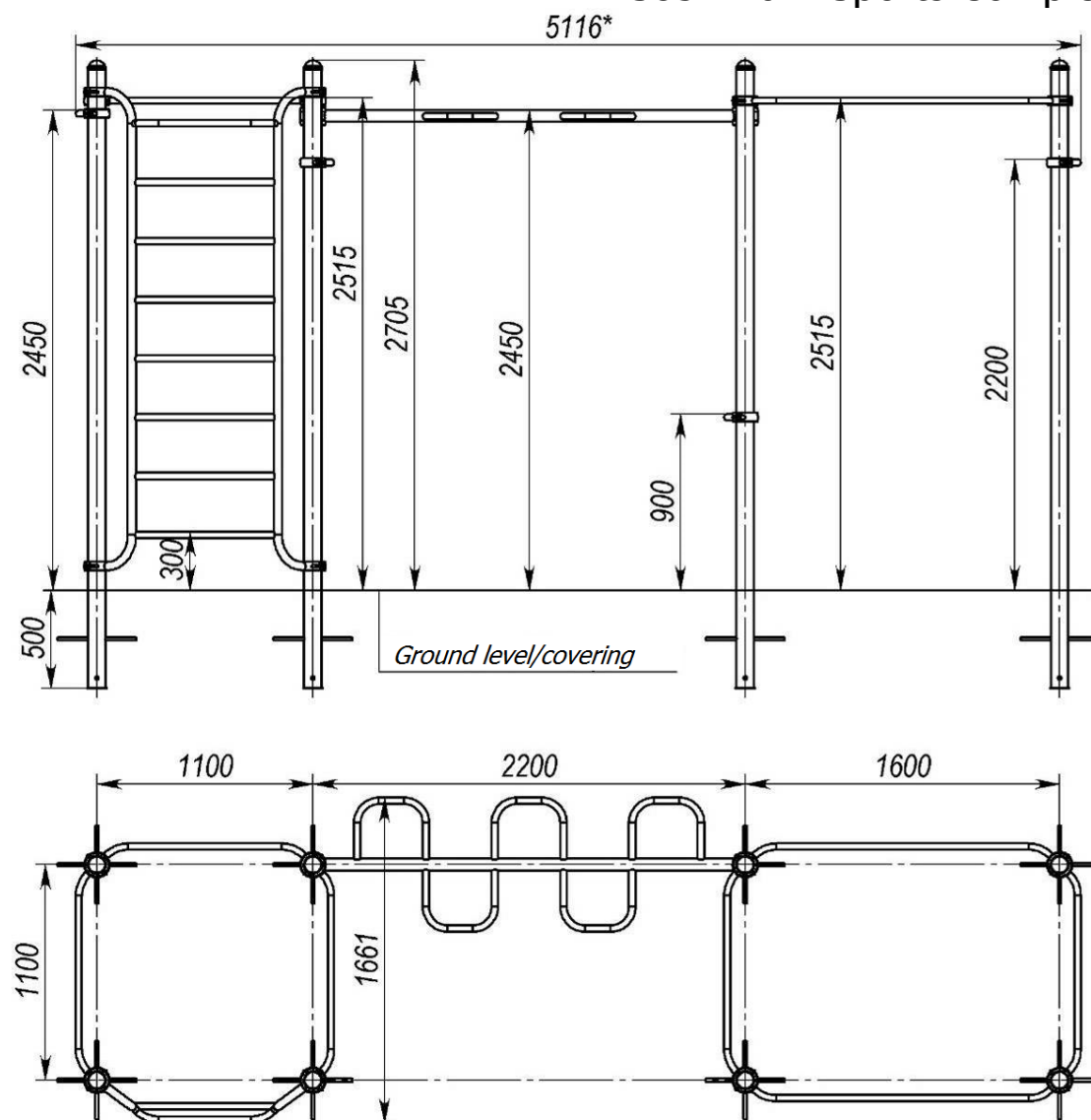


S831.9 – Sports Complex Workout



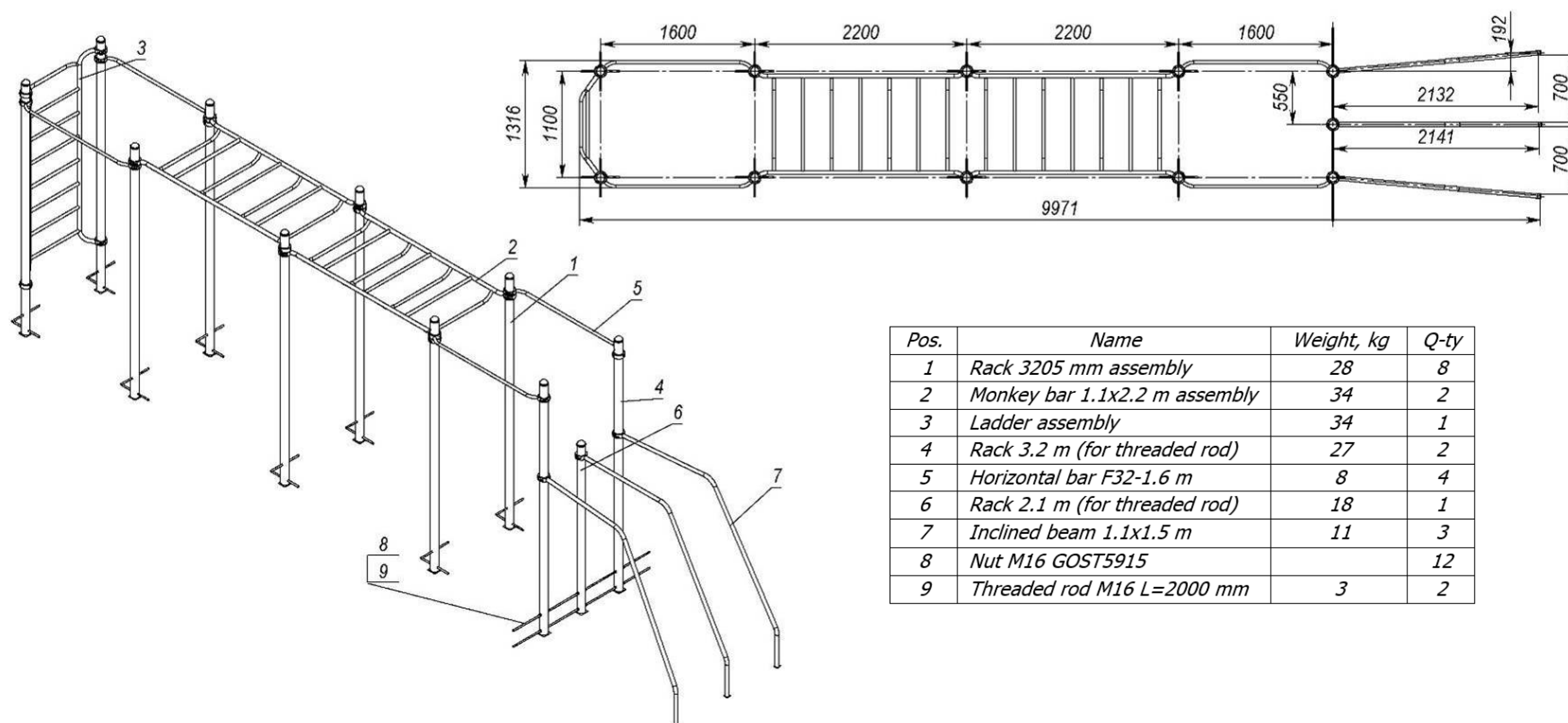
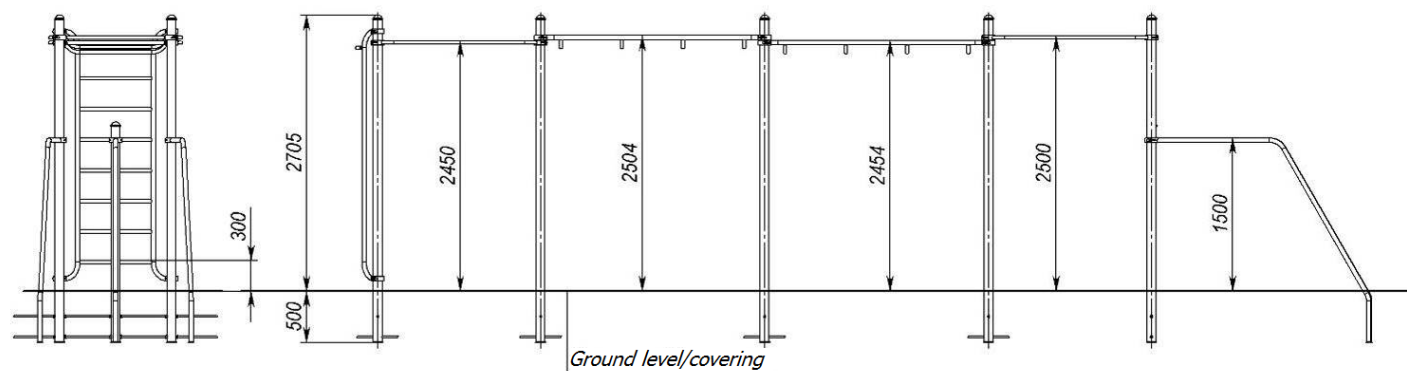
Pos.	Name	Weight, kg	Q-ty
1	Rack 3205 mm assembly	28	9
2	Ladder assembly	34	1
3	Rack 2.1 m (for threaded rod)	18	2
4	Rack 4.6 m	40	1
5	Rack 4.6 m (for threaded rod)	39	1
6	Horizontal bar F32-1.6 m	8	4
7	Horizontal bar F32-1.1 m	7	2
8	Monkey bar 1.1x2.2 m assembly	34	1
9	Beam straight 1.1x1.5 m	11	3
10	Horizontal side bench 1.6 m	52	1
11	Monkey bar 2.2 m	26	1
12	Sports equipment Ring	21	1
13	Threaded rod M16 L=2000 mm	3	2
14	Nut M16 GOST5915		12

S831.10 – Sports Complex Workout



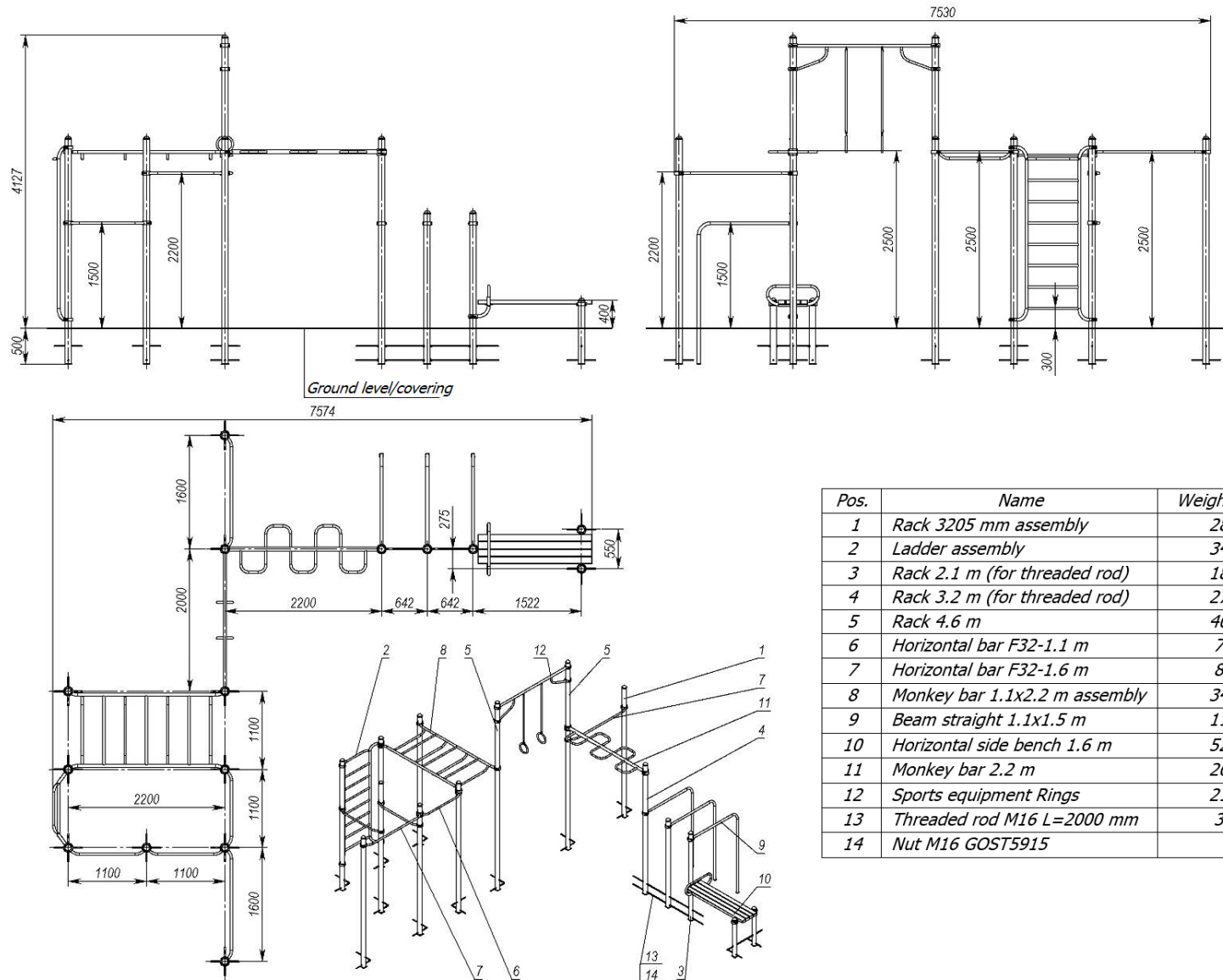
Pos.	Name	Weight, kg	Q-ty
1	Rack 3205 mm assembly	28	8
2	Ladder assembly	34	1
3	Horizontal bar F32-1.1 m	7	5
4	Monkey bar 2.2 m	26	1
5	Horizontal bar F32-1.6 m	8	2

S831.11 – Sports Complex Workout



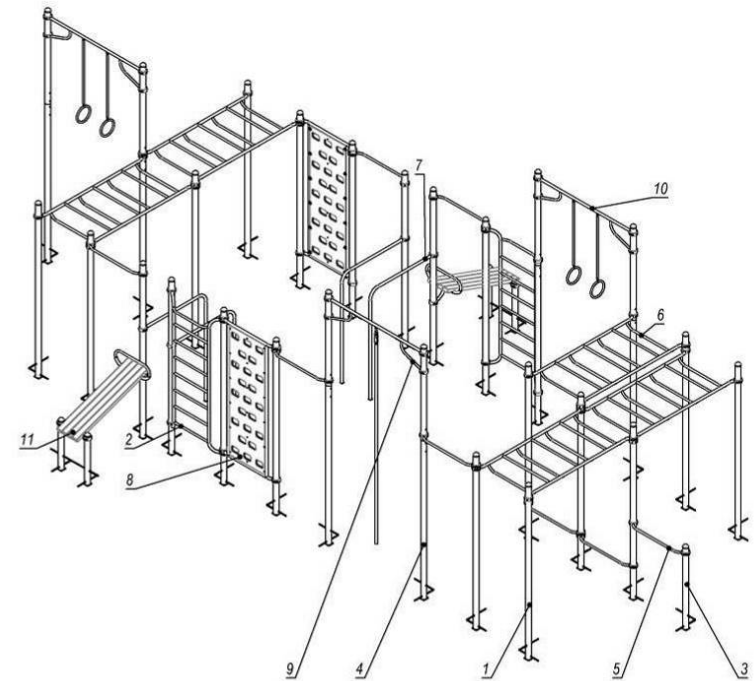
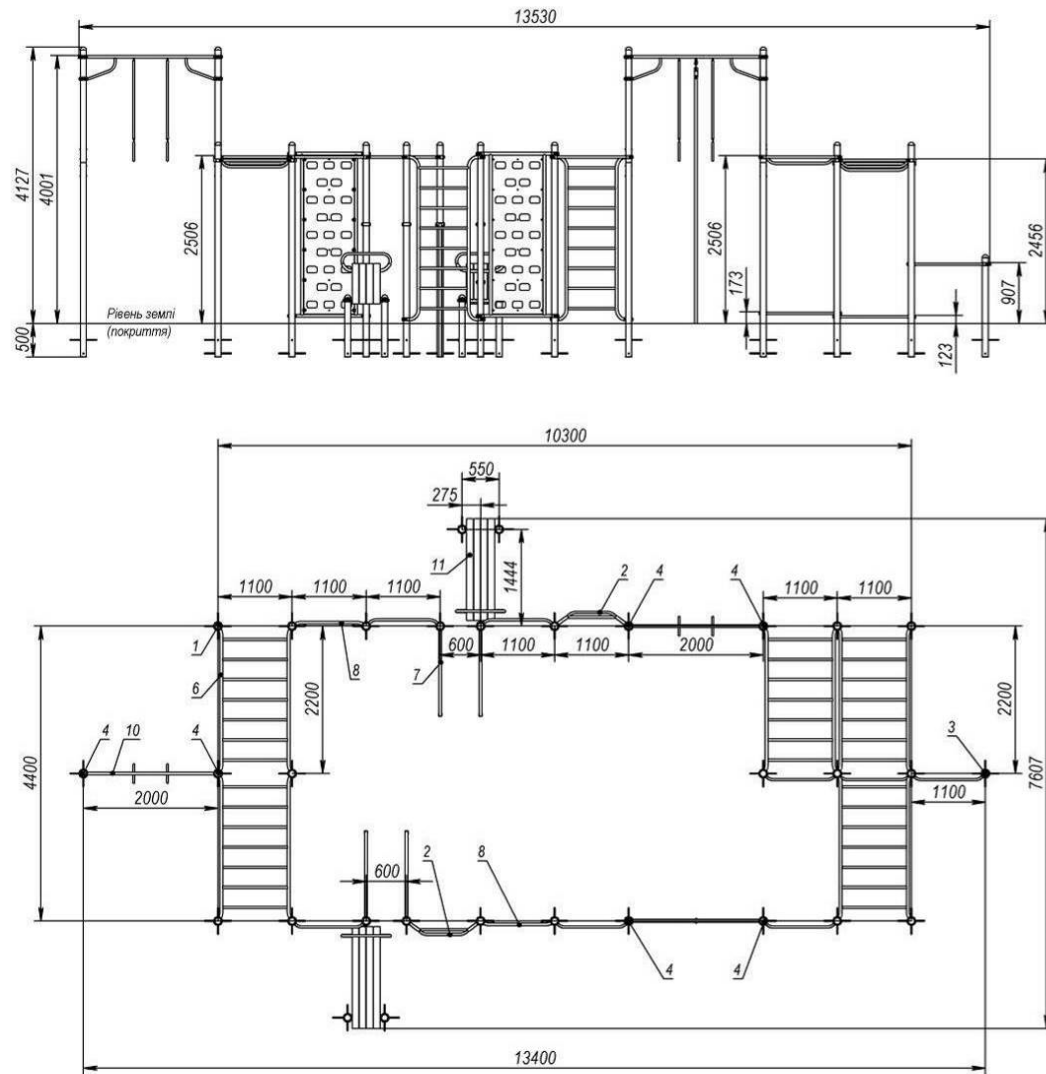
Pos.	Name	Weight, kg	Q-ty
1	Rack 3205 mm assembly	28	8
2	Monkey bar 1.1x2.2 m assembly	34	2
3	Ladder assembly	34	1
4	Rack 3.2 m (for threaded rod)	27	2
5	Horizontal bar F32-1.6 m	8	4
6	Rack 2.1 m (for threaded rod)	18	1
7	Inclined beam 1.1x1.5 m	11	3
8	Nut M16 GOST5915		12
9	Threaded rod M16 L=2000 mm	3	2

S831.12 – Sports Complex Workout



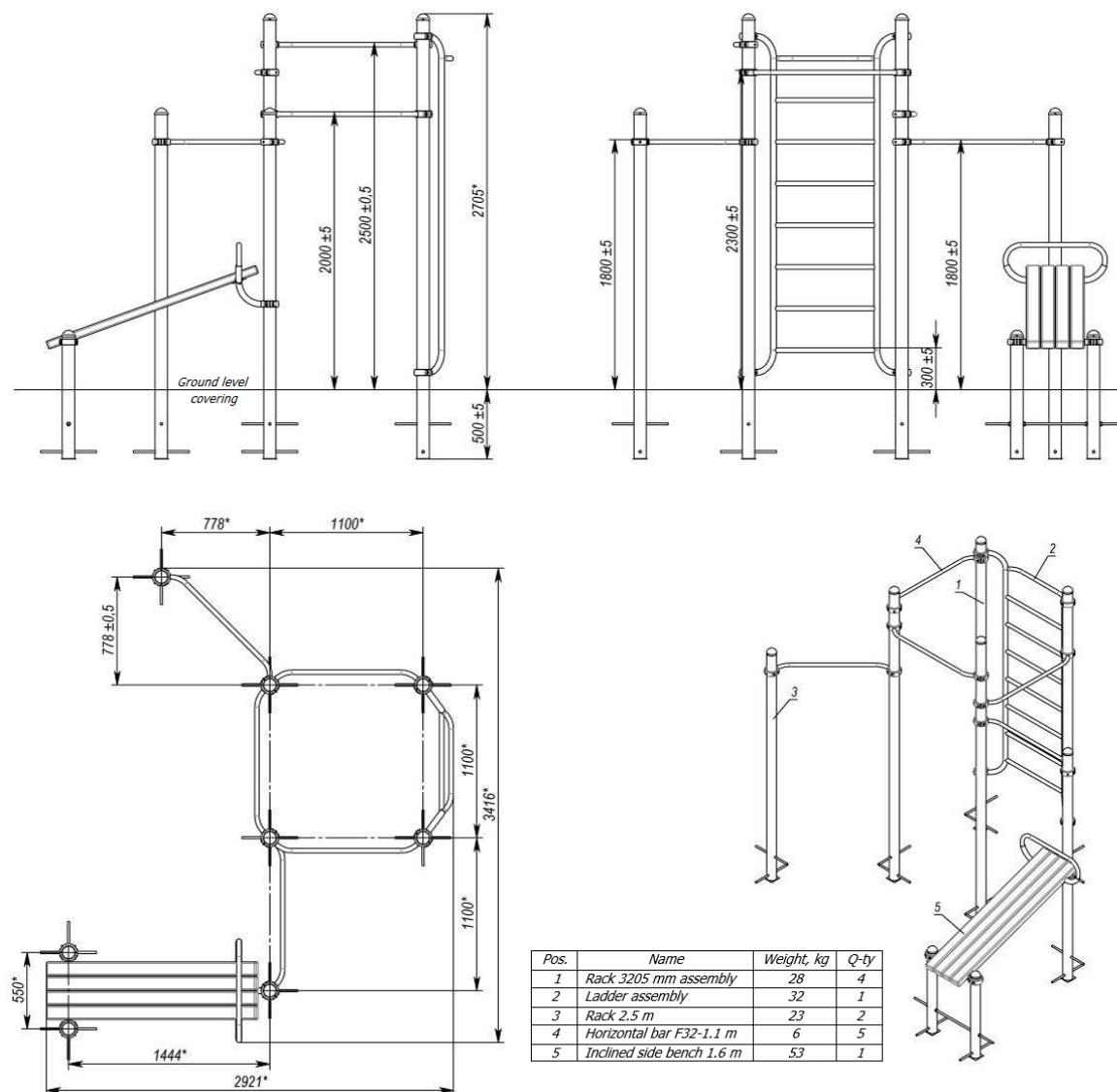
Pos.	Name	Weight, kg	Q-ty
1	Rack 3205 mm assembly	28	8
2	Ladder assembly	34	1
3	Rack 2.1 m (for threaded rod)	18	2
4	Rack 3.2 m (for threaded rod)	27	1
5	Rack 4.6 m	40	2
6	Horizontal bar F32-1.1 m	7	3
7	Horizontal bar F32-1.6 m	8	2
8	Monkey bar 1.1x2.2 m assembly	34	1
9	Beam straight 1.1x1.5 m	11	3
10	Horizontal side bench 1.6 m	52	1
11	Monkey bar 2.2 m	26	1
12	Sports equipment Rings	21	1
13	Threaded rod M16 L=2000 mm	3	2
14	Nut M16 GOST5915		12

S831.13 – Sports Complex Workout

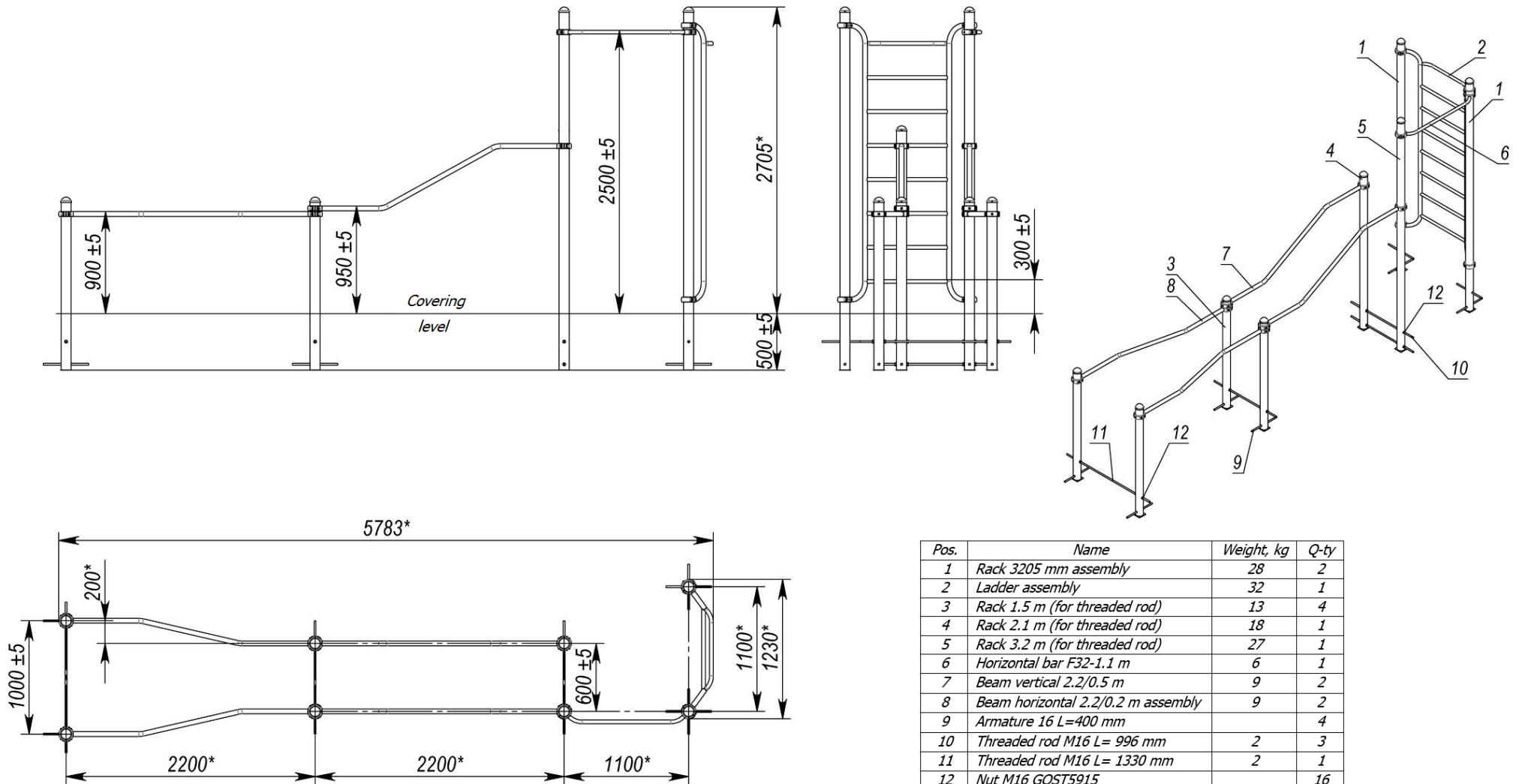


<i>Pos.</i>	<i>Name</i>	<i>Weight, kg</i>	<i>Q-ty</i>
<i>1</i>	<i>Rack 3205 mm assembly</i>	<i>28</i>	<i>20</i>
<i>2</i>	<i>Ladder assembly</i>	<i>33</i>	<i>2</i>
<i>3</i>	<i>Rack 1.5 m</i>	<i>14</i>	<i>1</i>
<i>4</i>	<i>Rack 4.6 m</i>	<i>44</i>	<i>6</i>
<i>5</i>	<i>Horizontal bar F32-1.1 m</i>	<i>6</i>	<i>8</i>
<i>6</i>	<i>Monkey bar 1.1x2.2 m assembly</i>	<i>33</i>	<i>5</i>
<i>7</i>	<i>Beam straight 1.1x1.5 m</i>	<i>10</i>	<i>4</i>
<i>8</i>	<i>Wall - barrier</i>	<i>59</i>	<i>2</i>
<i>9</i>	<i>Sports equipment Rope</i>	<i>21</i>	<i>1</i>
<i>10</i>	<i>Sports equipment Rings</i>	<i>20</i>	<i>2</i>
<i>11</i>	<i>Inclined side bench 1.6 m</i>	<i>51</i>	<i>2</i>

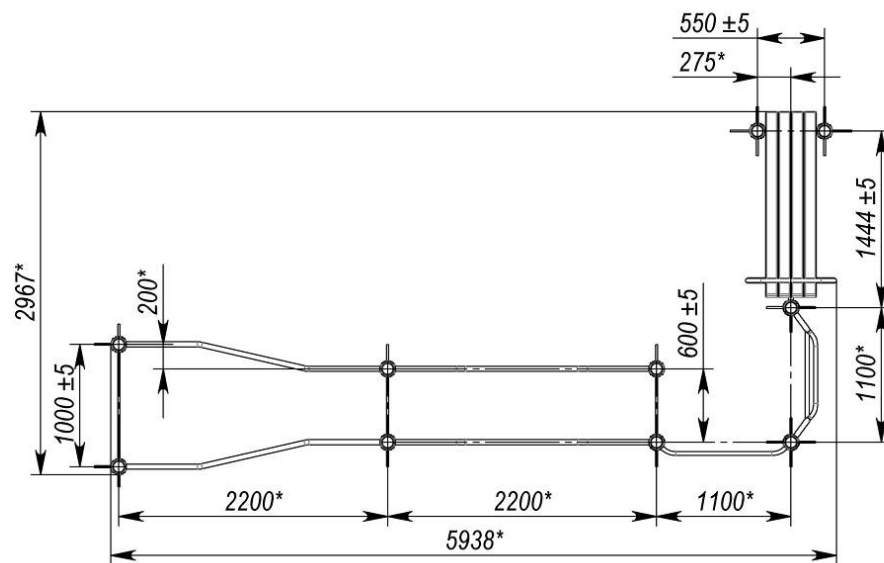
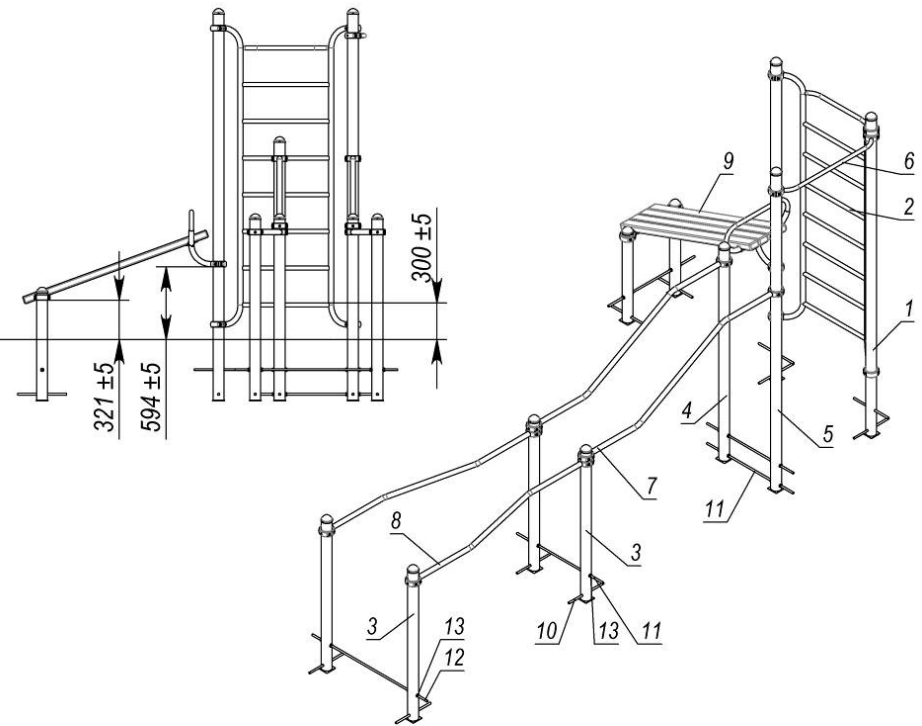
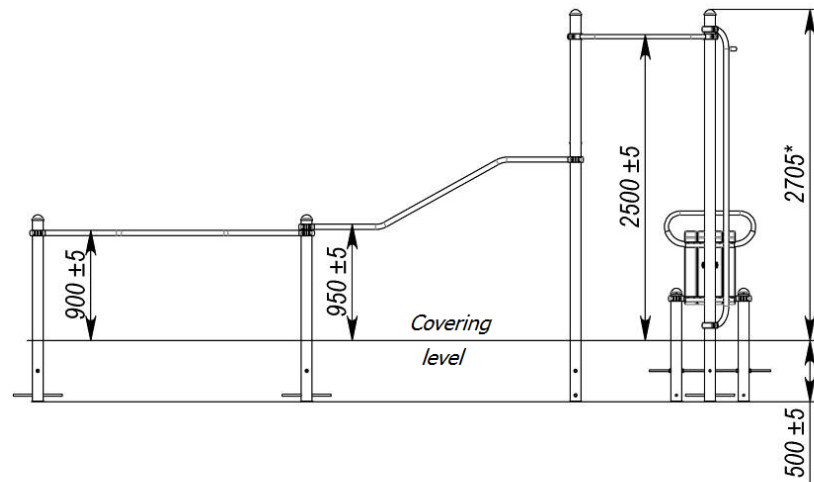
S831.14 – Sports Complex Workout



S831.19 – Sports Complex Workout

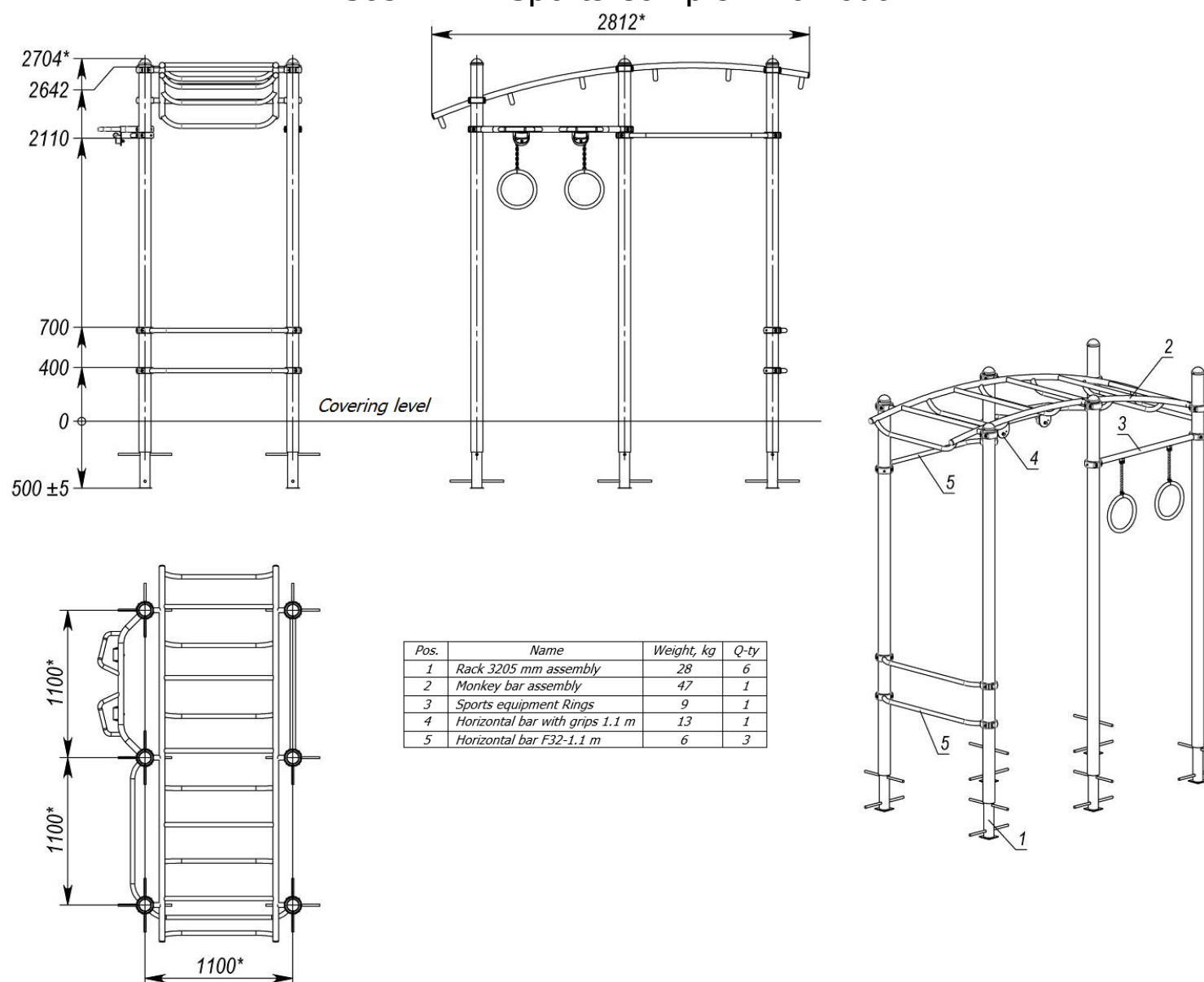


S831.20 – Sports Complex Workout

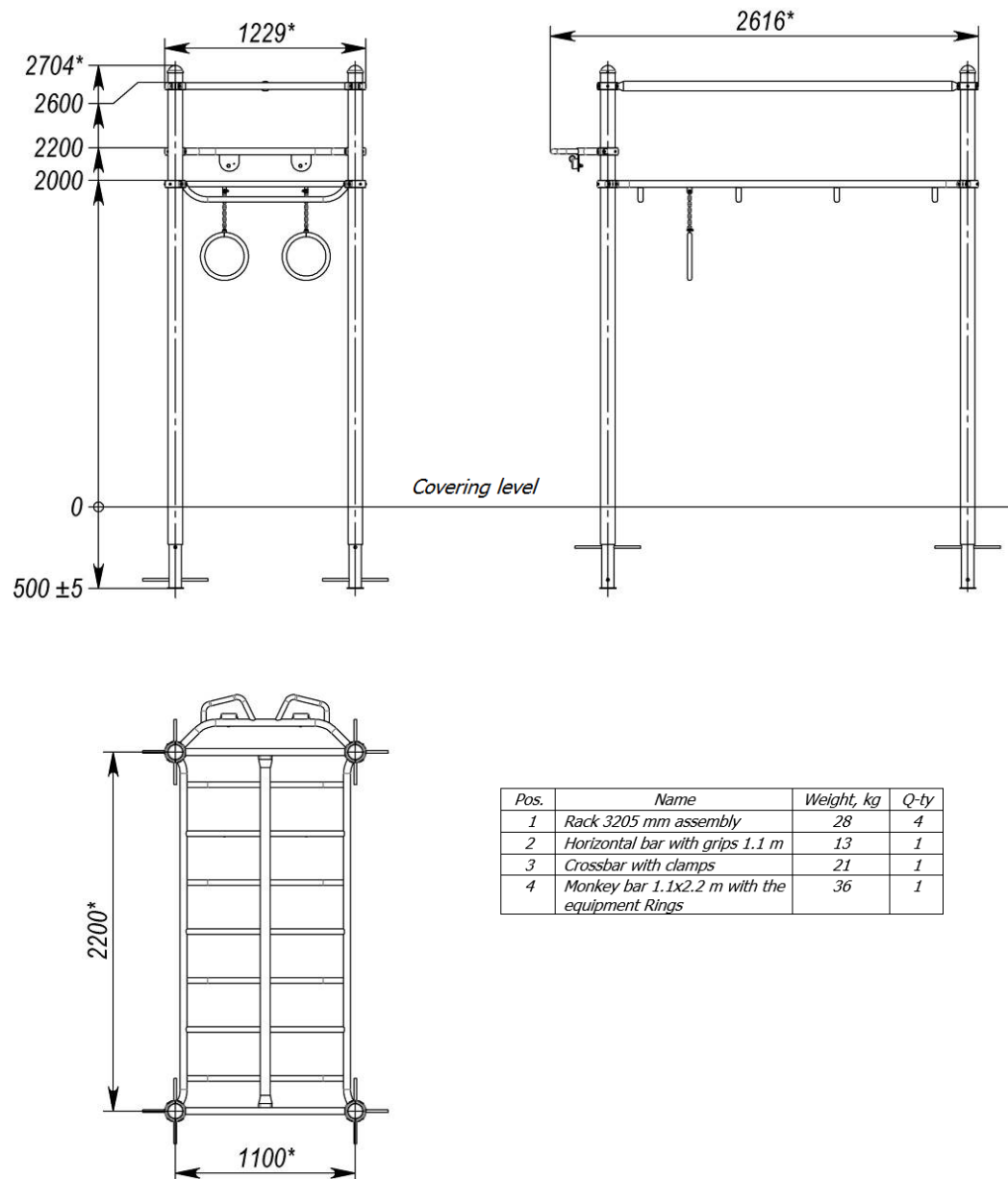


Pos.	Name	Weight, kg	Q-ty
1	Rack 3205 mm assembly	28	2
2	Ladder assembly	32	1
3	Rack 1.5 m (for threaded rod)	13	4
4	Rack 2.1 m (for threaded rod)	18	1
5	Rack 3.2 m (for threaded rod)	27	1
6	Horizontal bar F32-1.1 m	6	1
7	Beam vertical 2.2/0.5 m assembly	9	2
8	Beam horizontal 2.2/0.2 m assembly	9	2
9	Inclined side bench 1.6 m	53	1
10	Armature 16 L=400 mm		4
11	Threaded rod M16 L= 996 mm		3
12	Threaded rod M16 L= 1330 mm		1
13	Nut M16 GOST5915		16

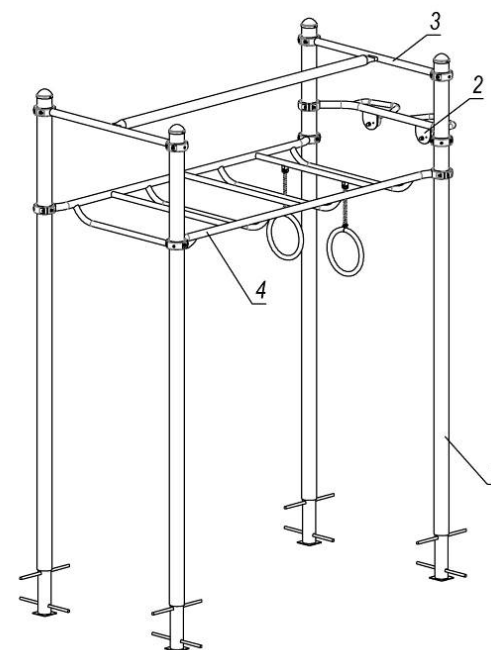
S831.21 – Sports Complex Workout



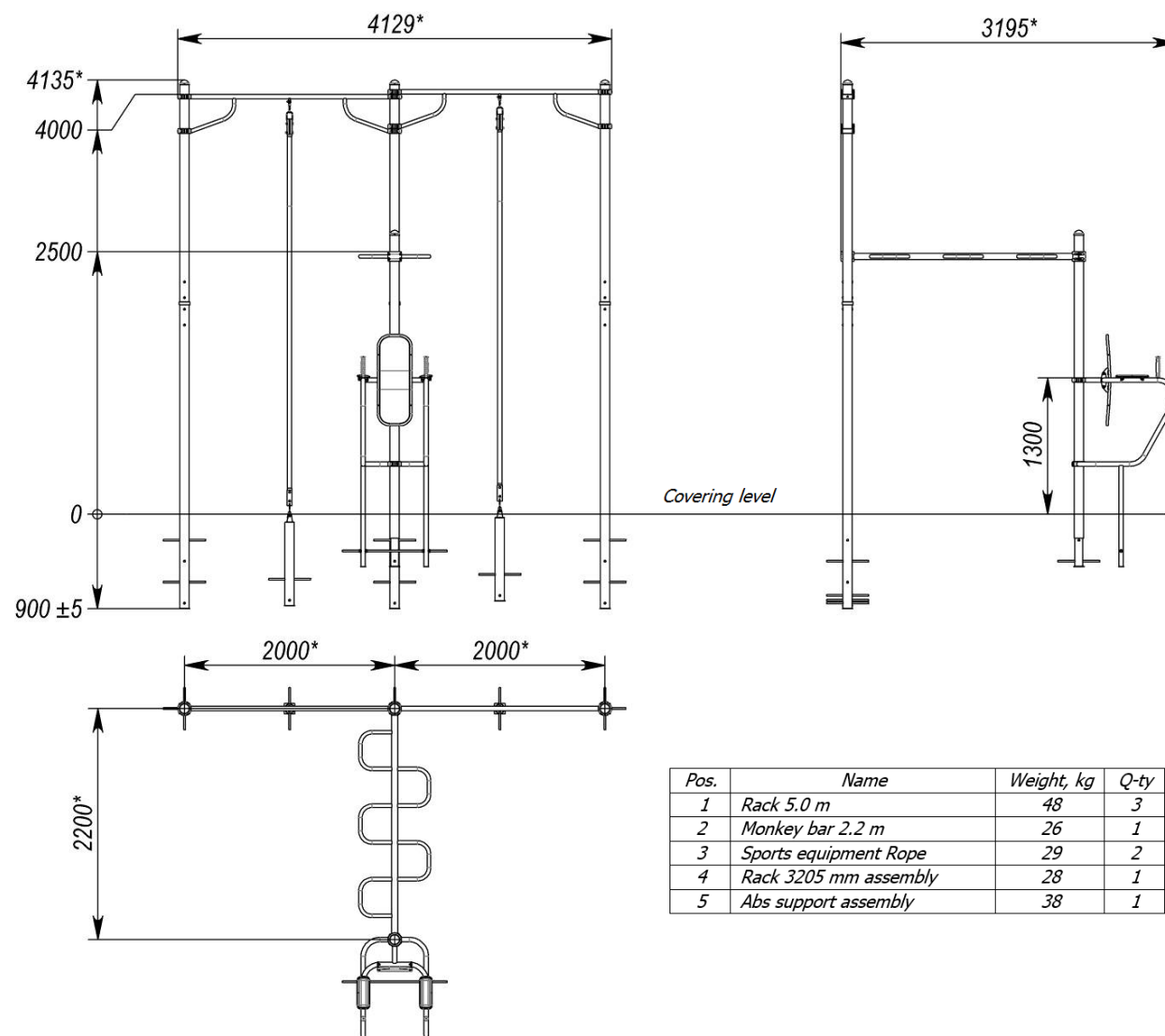
S831.22 – Sports Complex Workout



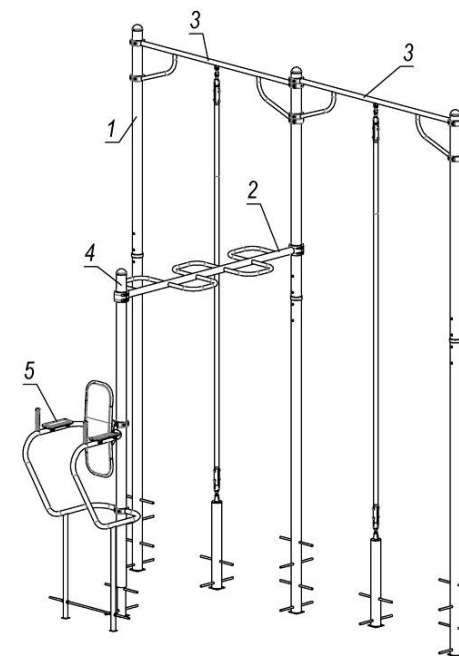
Pos.	Name	Weight, kg	Q-ty
1	Rack 3205 mm assembly	28	4
2	Horizontal bar with grips 1.1 m	13	1
3	Crossbar with clamps	21	1
4	Monkey bar 1.1x2.2 m with the equipment Rings	36	1



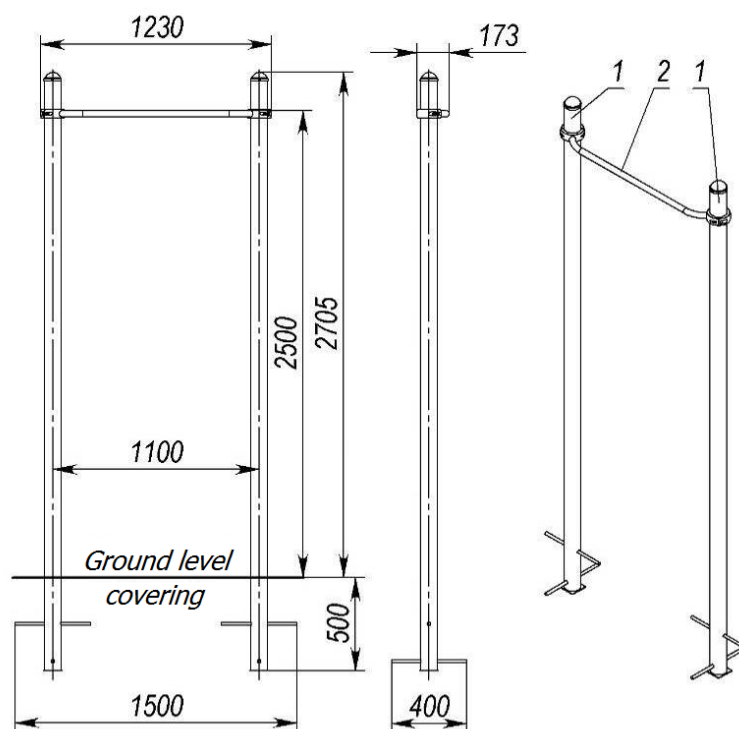
S831.23 – Sports Complex Workout



Pos.	Name	Weight, kg	Q-ty
1	Rack 5.0 m	48	3
2	Monkey bar 2.2 m	26	1
3	Sports equipment Rope	29	2
4	Rack 3205 mm assembly	28	1
5	Abs support assembly	38	1

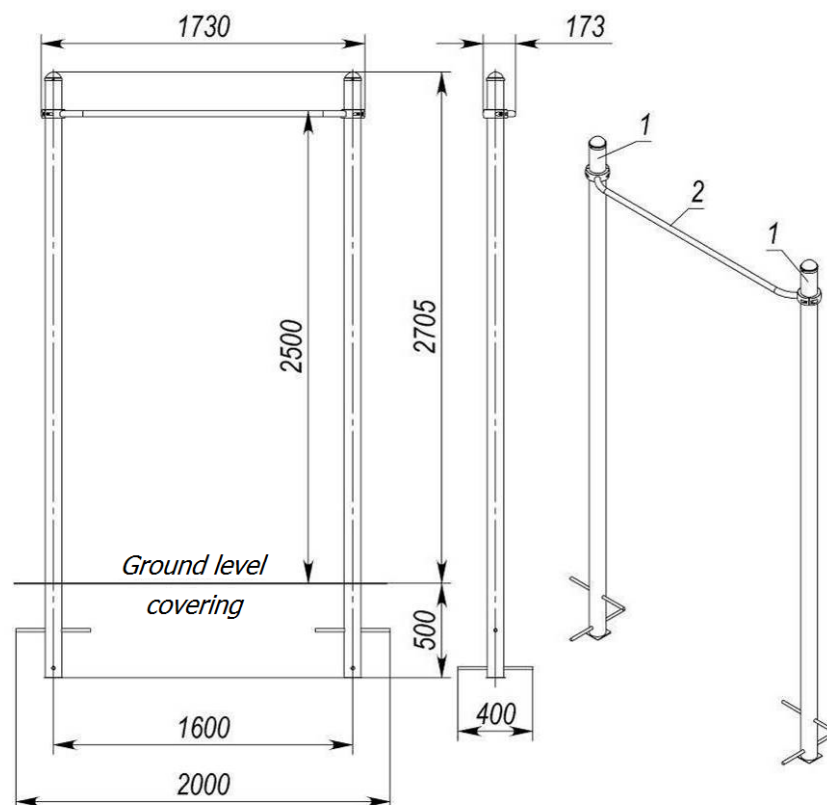


S832.1 – Horizontal bar 1,1x2,5 m



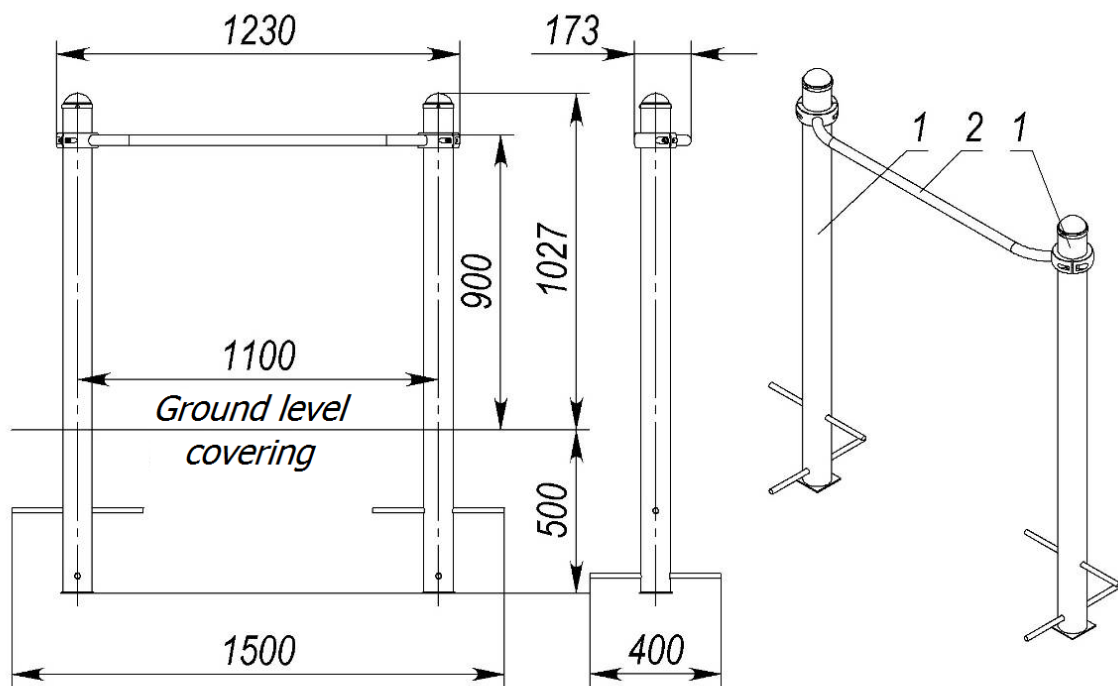
Pos.	Name	Weight, kg	Q-ty
1	Rack 3205 mm assembly	28	2
2	Horizontal bar F32-1.1 m	7	1

S832.2 – Horizontal bar 1,6x2,5 m



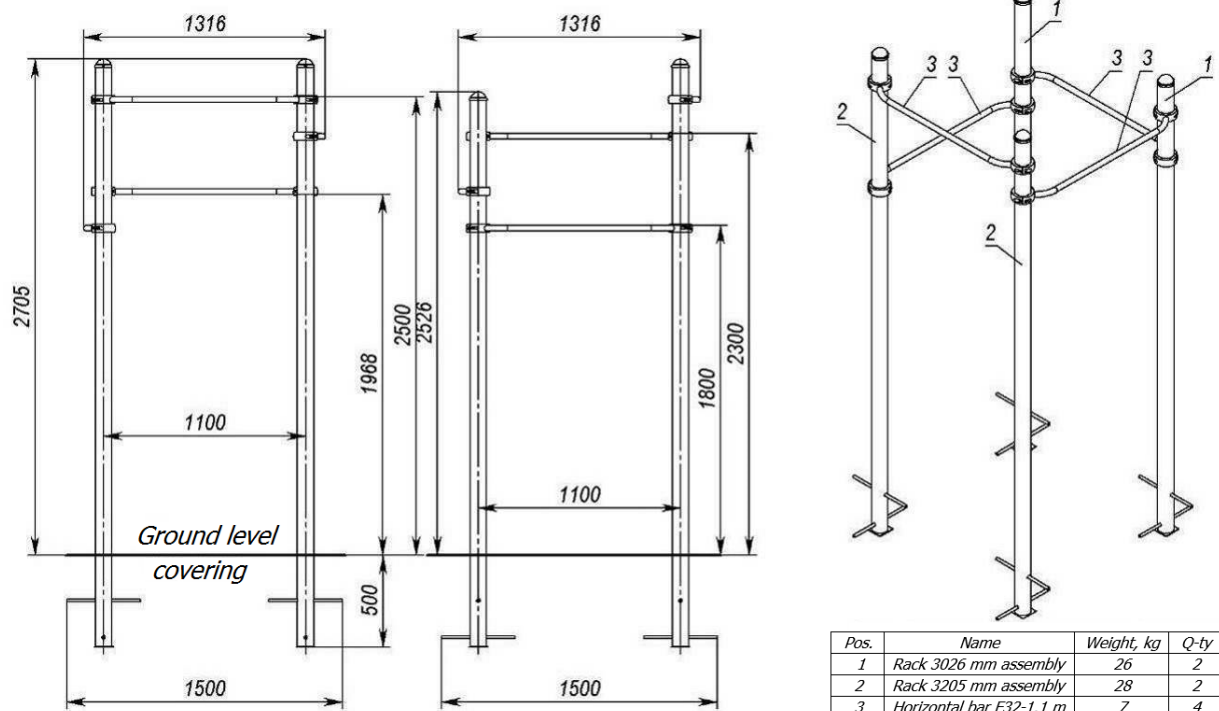
Pos.	Name	Weight, kg	Q-ty
1	Rack 3205 mm assembly	28	2
2	Horizontal bar F32-1.6 m	8	1

S832.3 – Horizontal bar 1,1x0,9 m



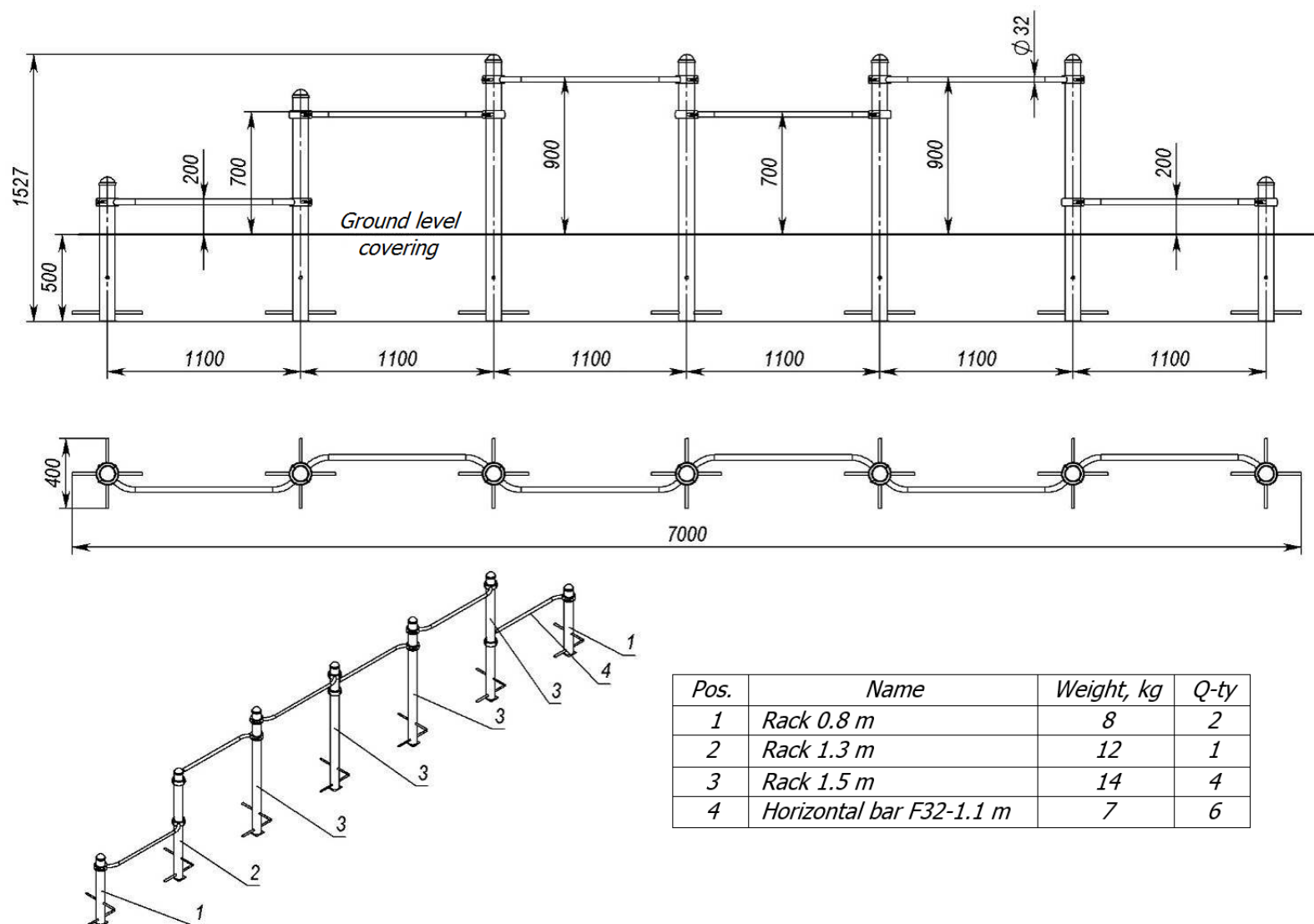
Pos.	Name	Weight, kg	Q-ty
1	Rack 1.5 m	14	2
2	Horizontal bar F32-1.1 m	7	1

S832.4 – Horizontal bar 4-level

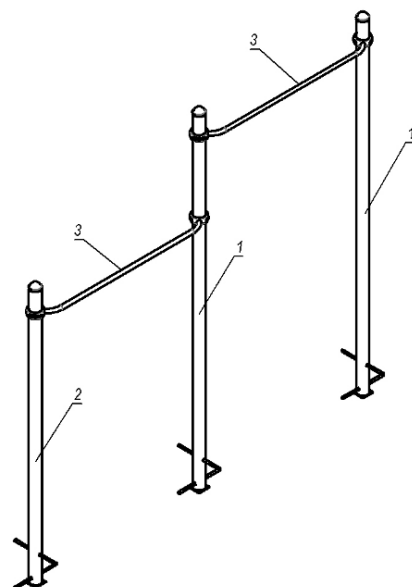
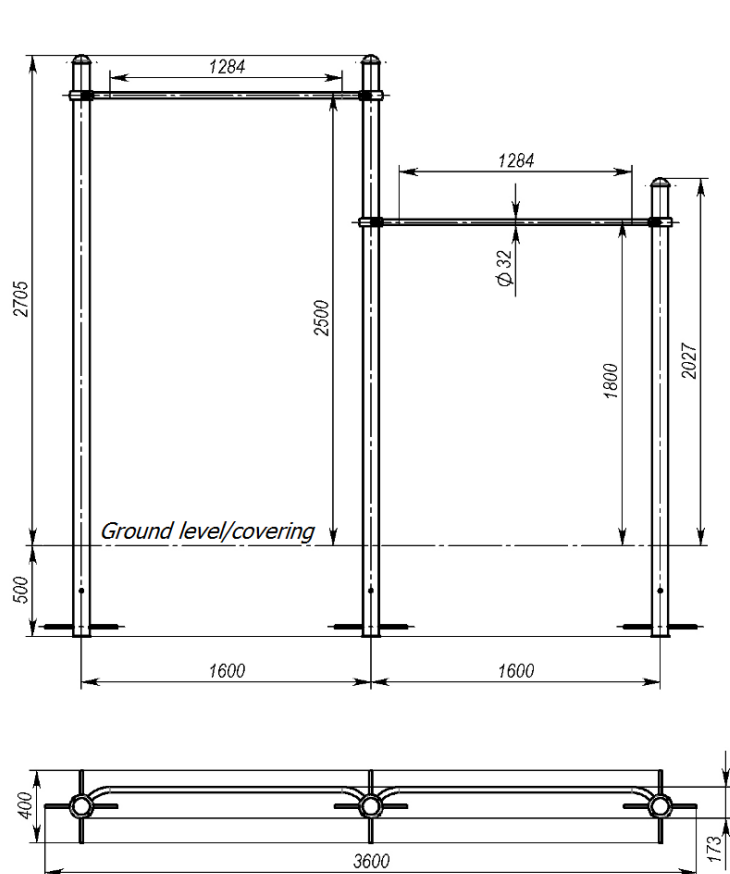


Pos.	Name	Weight, kg	Q-ty
1	Rack 3026 mm assembly	26	2
2	Rack 3205 mm assembly	28	2
3	Horizontal bar F32-1.1 m	7	4

S832.5 – Set of horizontal bars for push-ups

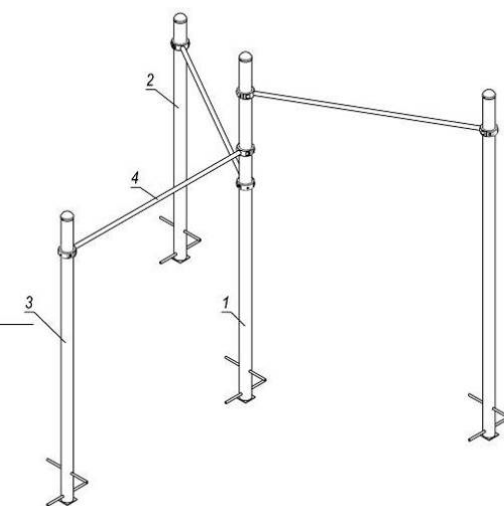
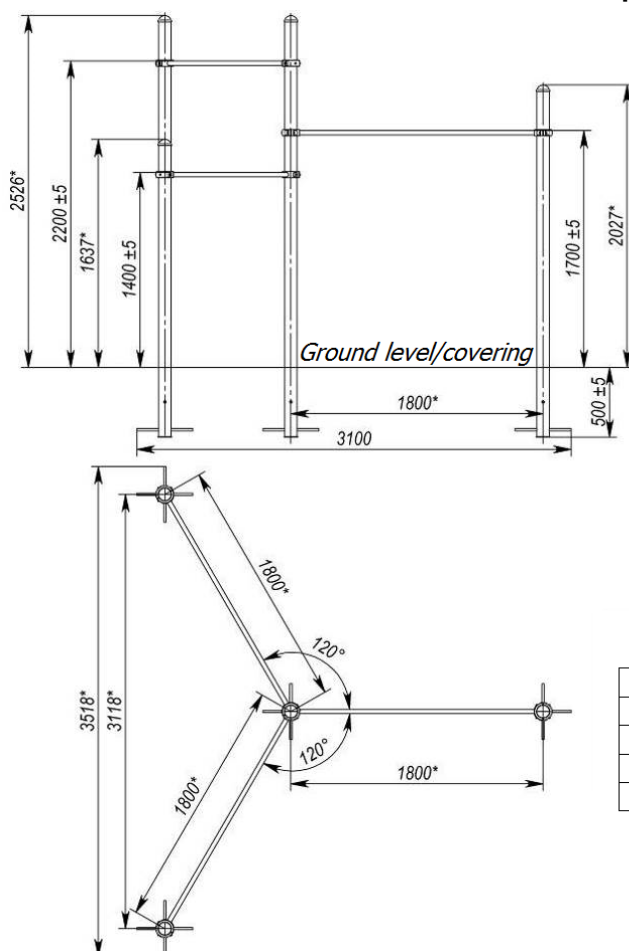


S832.6 – Horizontal bar 2-level



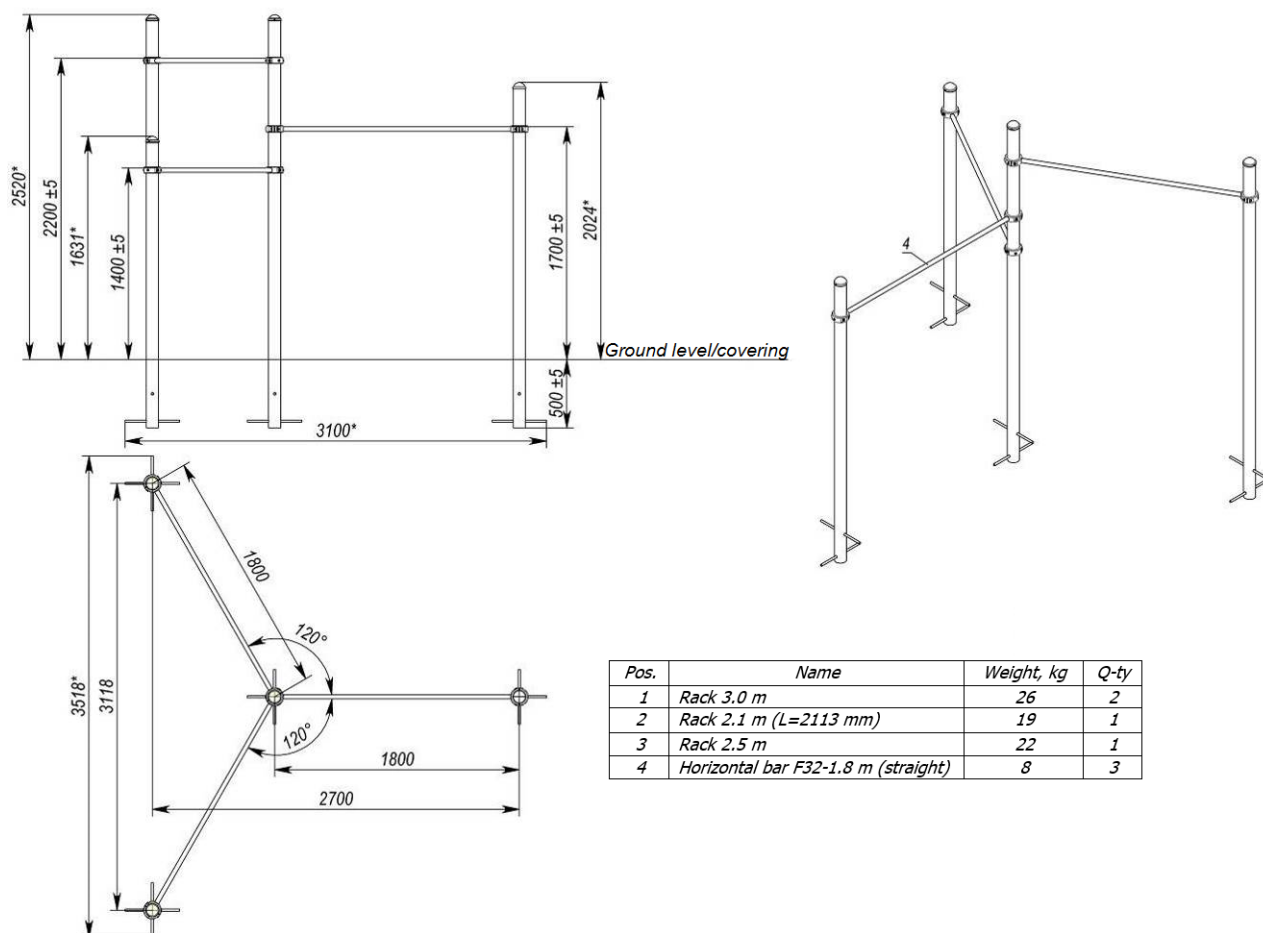
Pos.	Name	Weight, kg	Q-ty
1	Rack 3205 mm assembly	28,17	2
2	Rack 2.5 m	22,48	1
3	Horizontal bar F32-1.6 m	8,31	2

S832.6-UA – Tripple Horizontal Bar

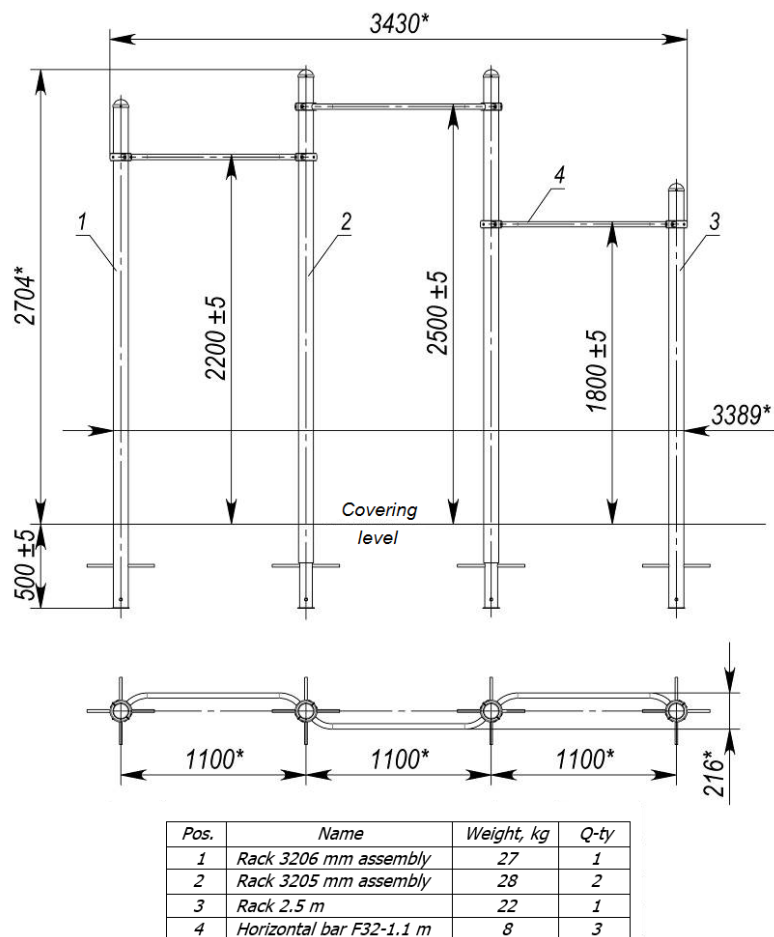


Pos.	Name	Weight, kg	Q-ty
1	Rack 3206 mm assembly	27	2
2	Rack 2.1 m (L=2113 mm)	19	1
3	Rack 2.5 m	22	1
4	Horizontal bar F32-1.8 m (straight)	8	3

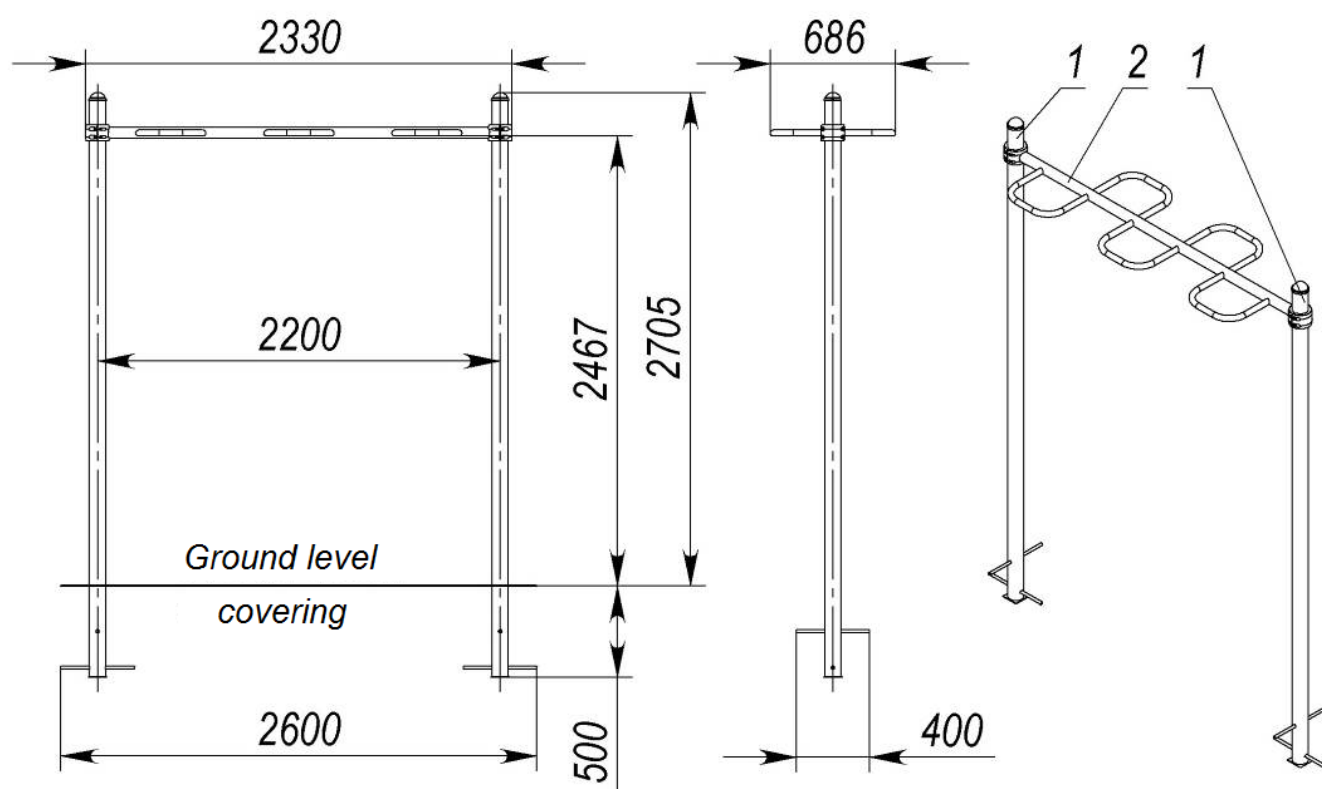
S832.7 – Horizontal bar 3-level



S832.8 – Horizontal bar 3-level

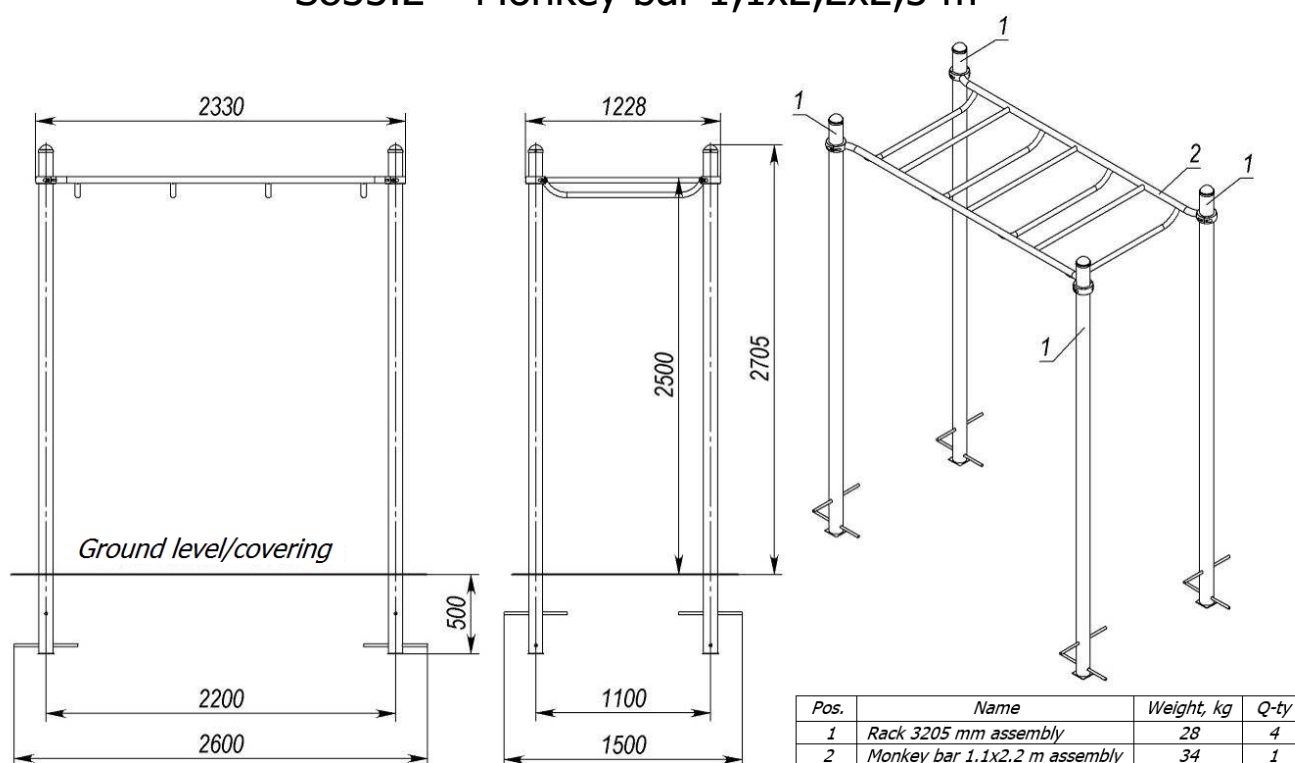


S833.1 – Monkey bar



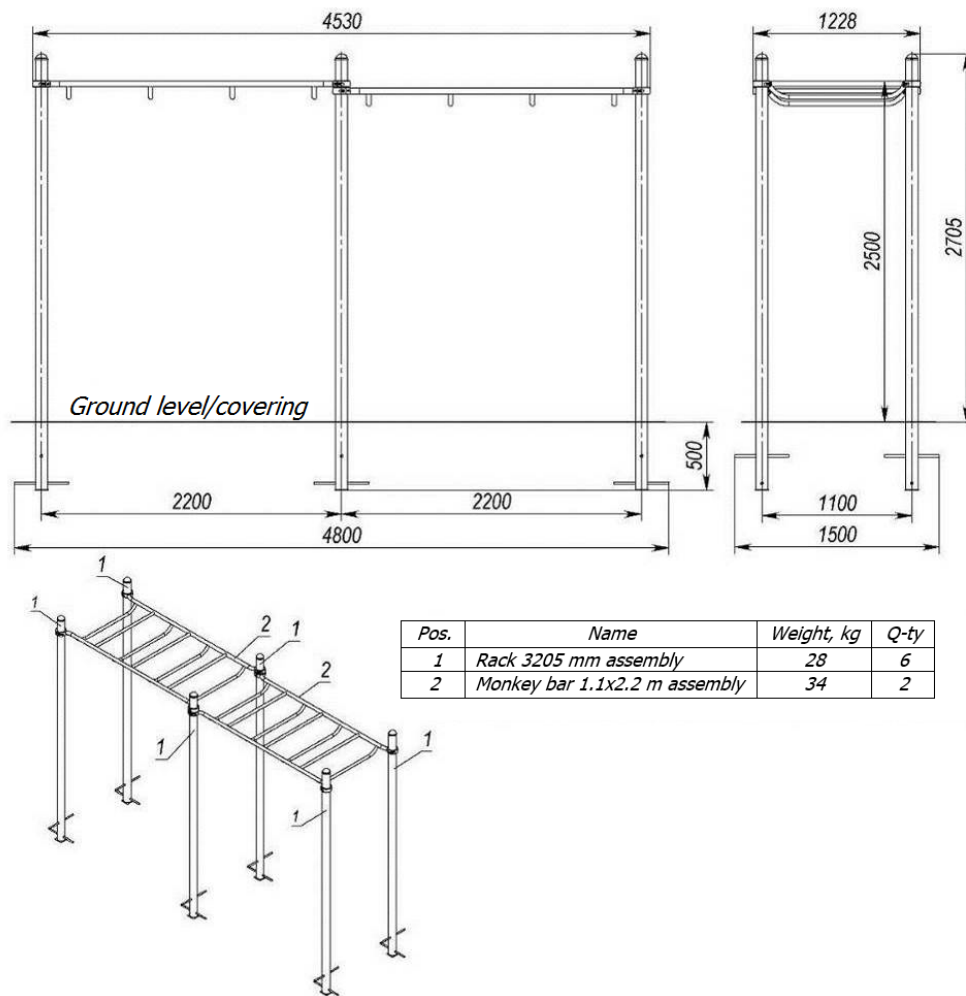
Pos.	Name	Weight, kg	Q-ty
1	Rack 3205 mm assembly	28	2
2	Monkey bar 2.2 m	26	1

S833.2 – Monkey bar 1,1x2,2x2,5 m

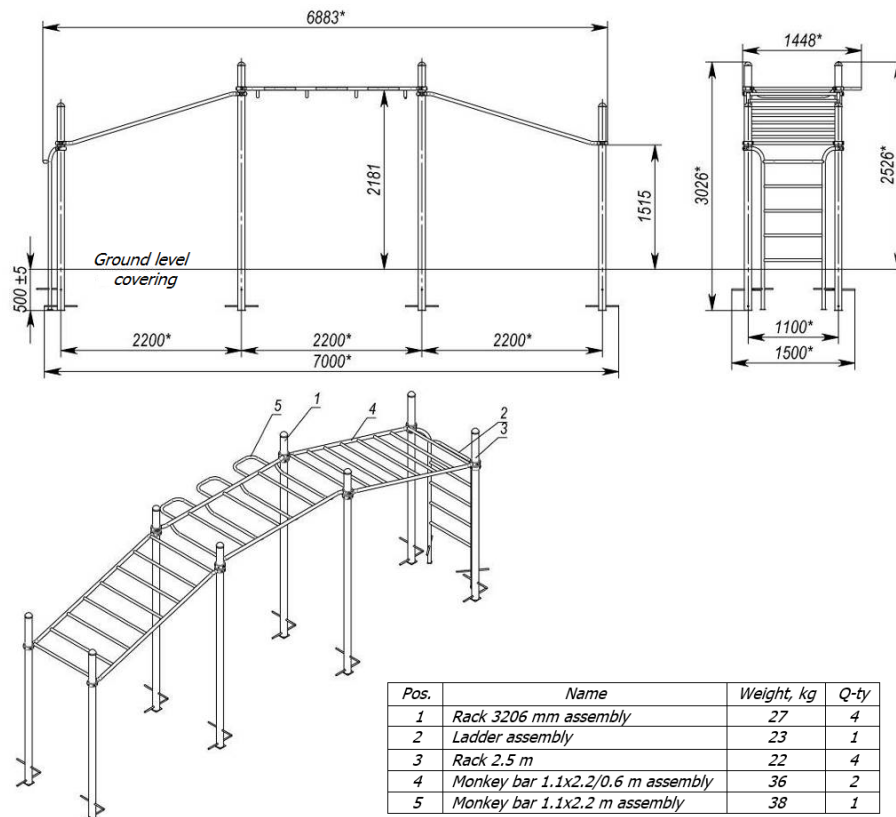


Pos.	Name	Weight, kg	Q-ty
1	Rack 3205 mm assembly	28	4
2	Monkey bar 1.1x2.2 m assembly	34	1

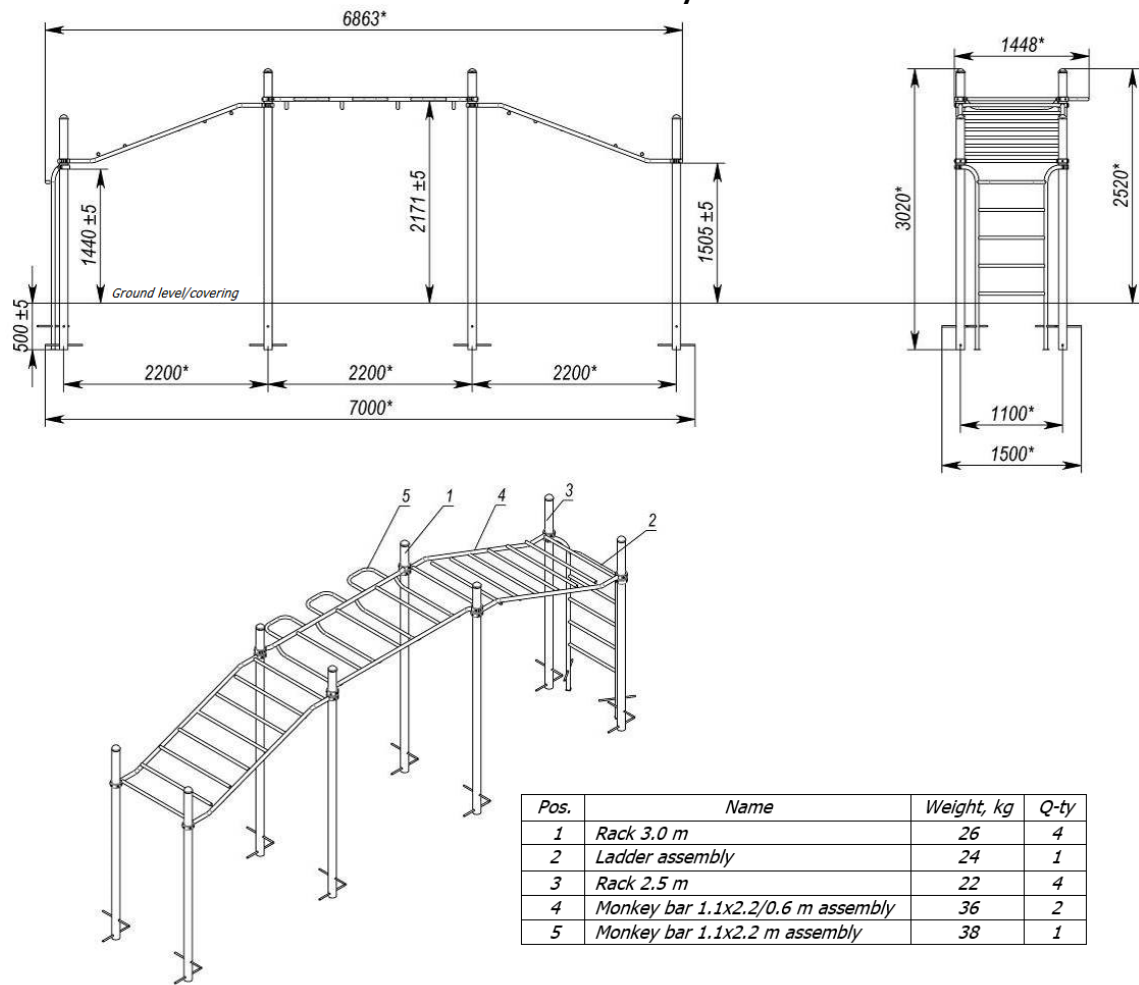
S833.3 – Monkey bar 1,1x4,4x2,5 m



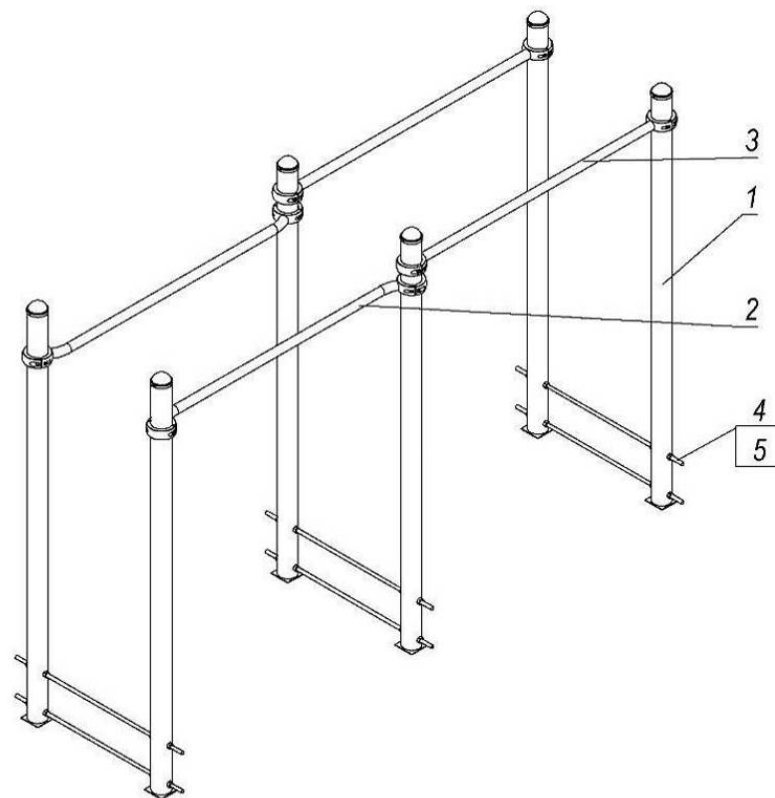
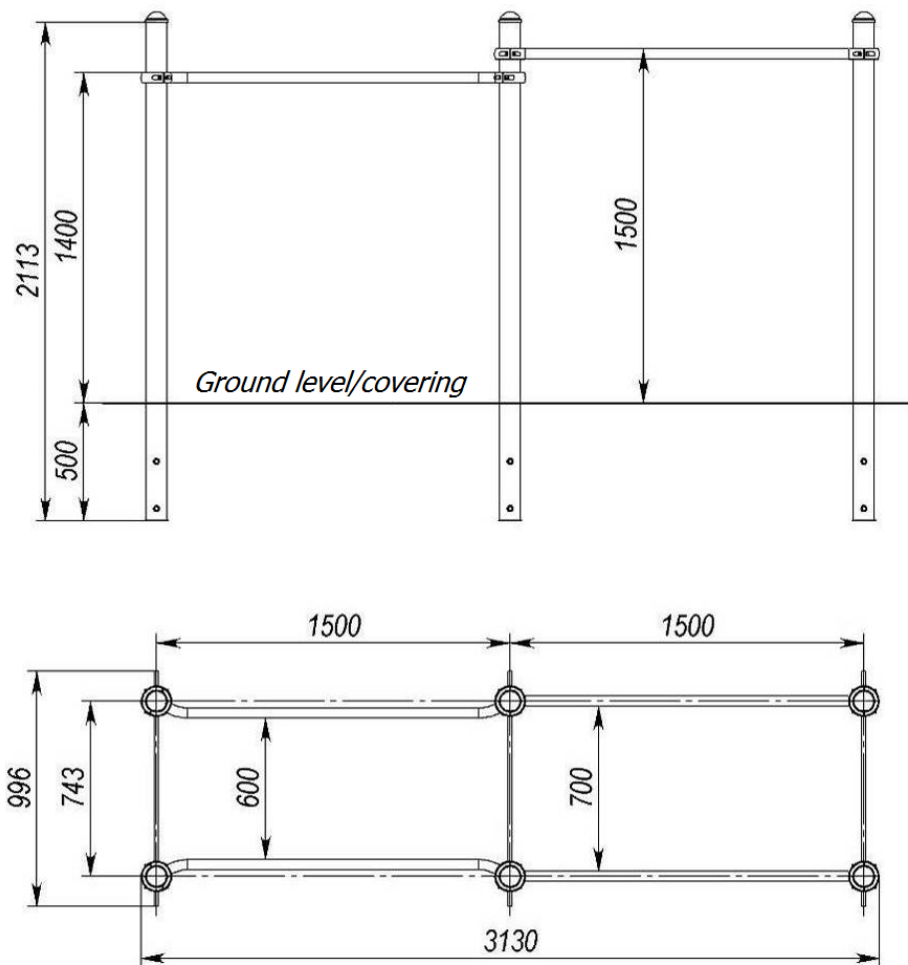
S833.3-UA – Monkey bar



S833.4 – Monkey bar

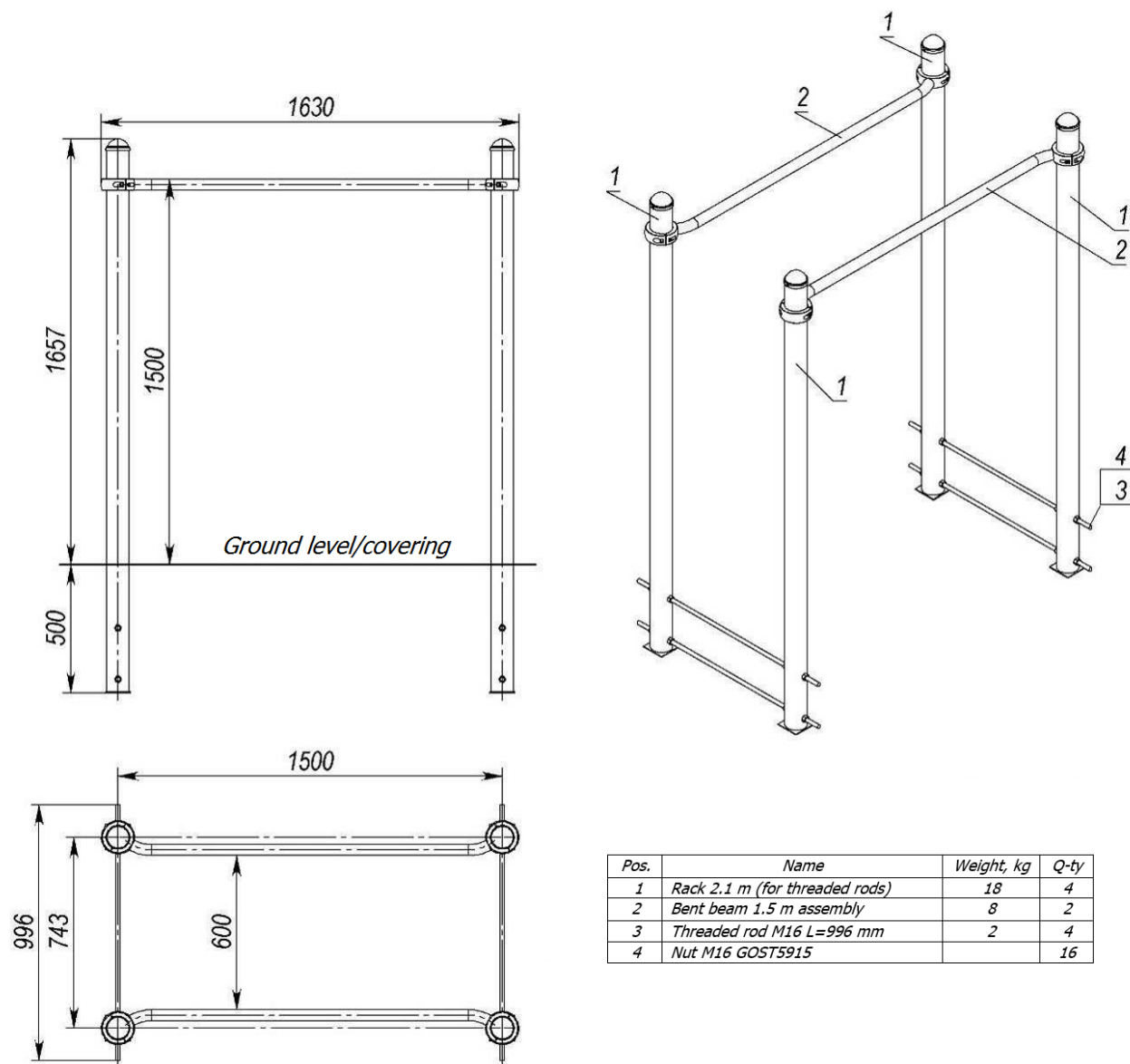


S834.1 – 2 level parallel bars

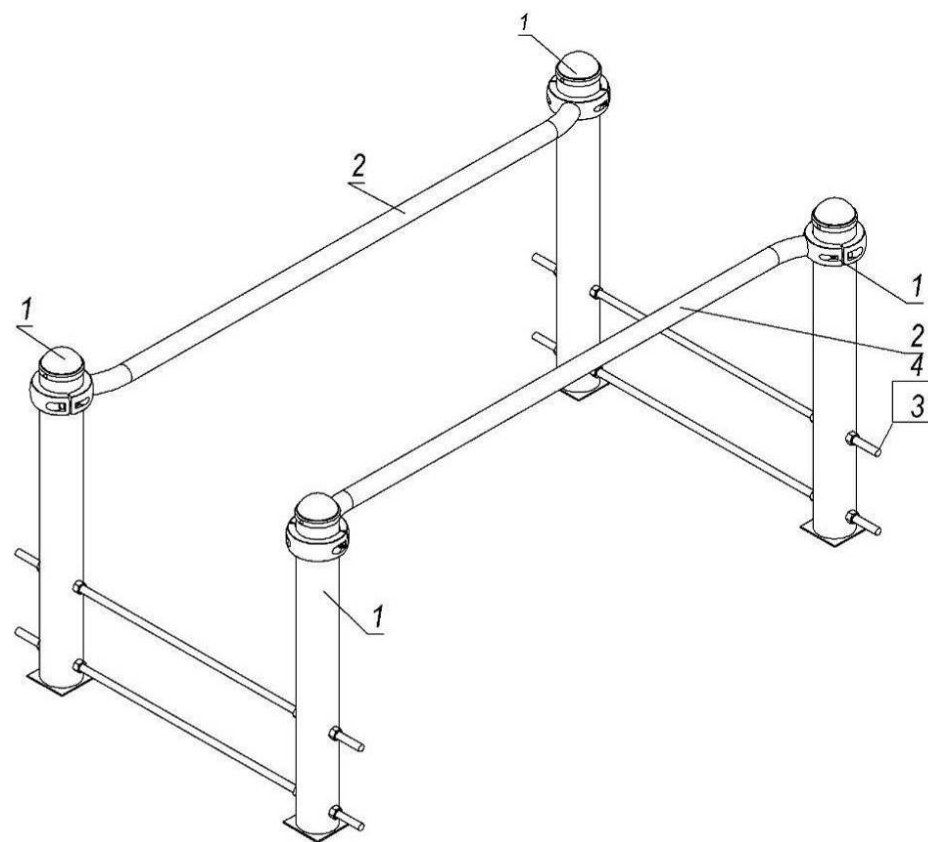
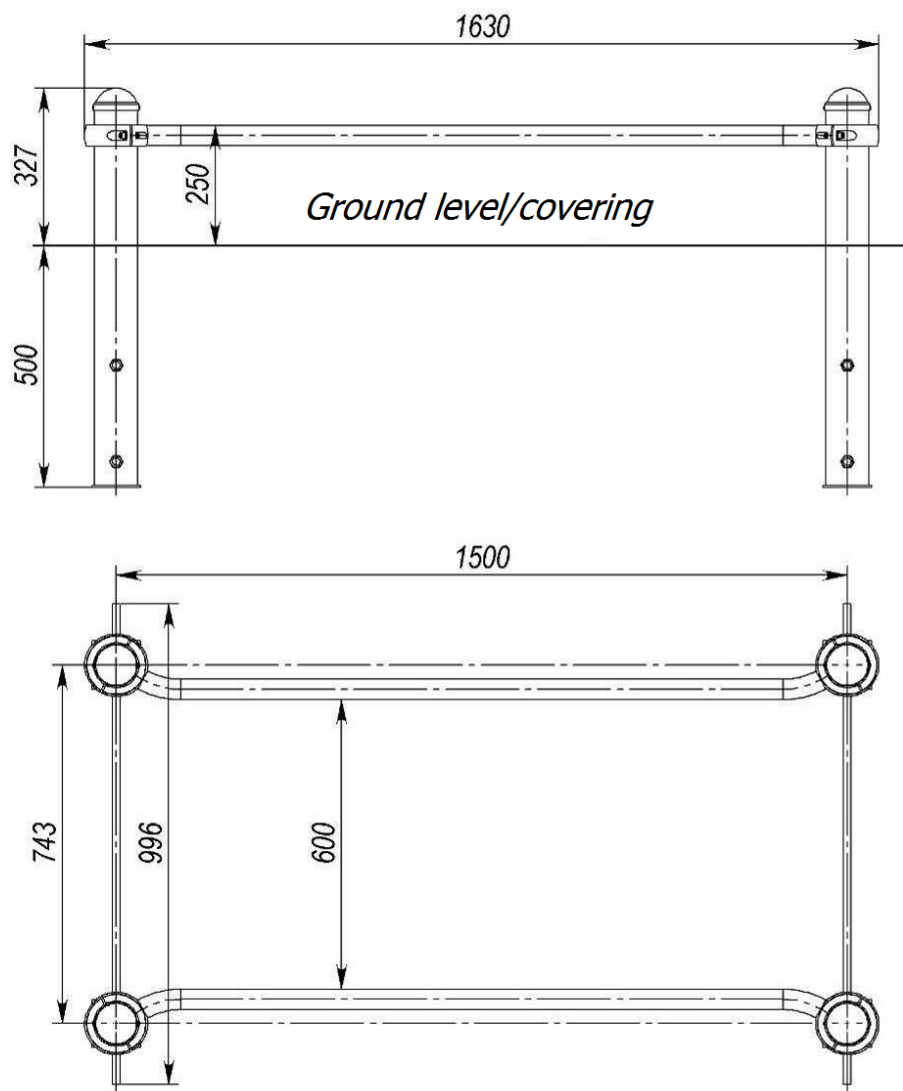


Pos.	Name	Weight, kg	Q-ty
1	Rack 2.1 m (for threaded rods)	18	6
2	Bent beam 1.5 m assembly	8	2
3	Straight beam 1.5 m assembly	8	2
4	Threaded rod M16 L=996 mm	2	6
5	Nut M16 GOST5915		24

S834.2 – Parallel bars 0,6x1,5 m

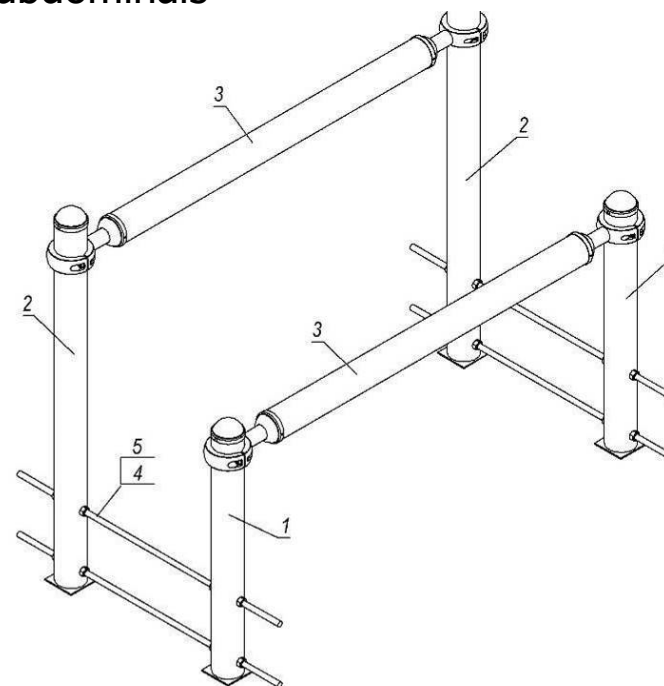
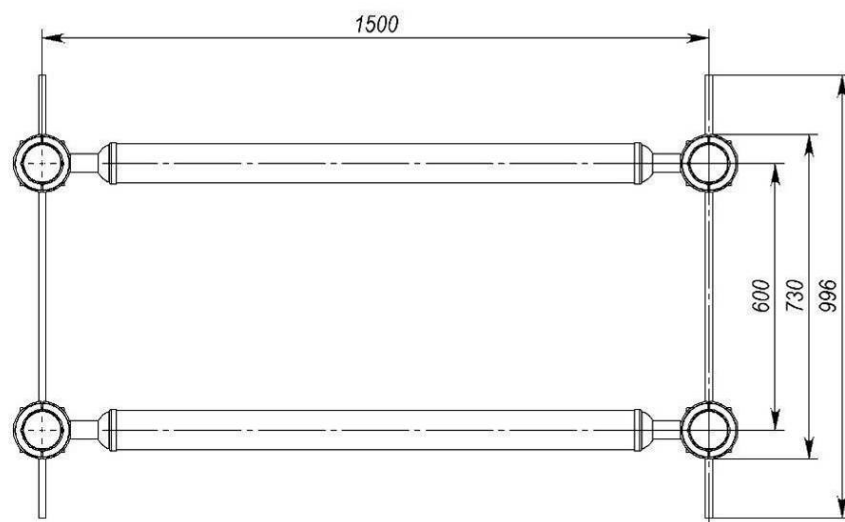
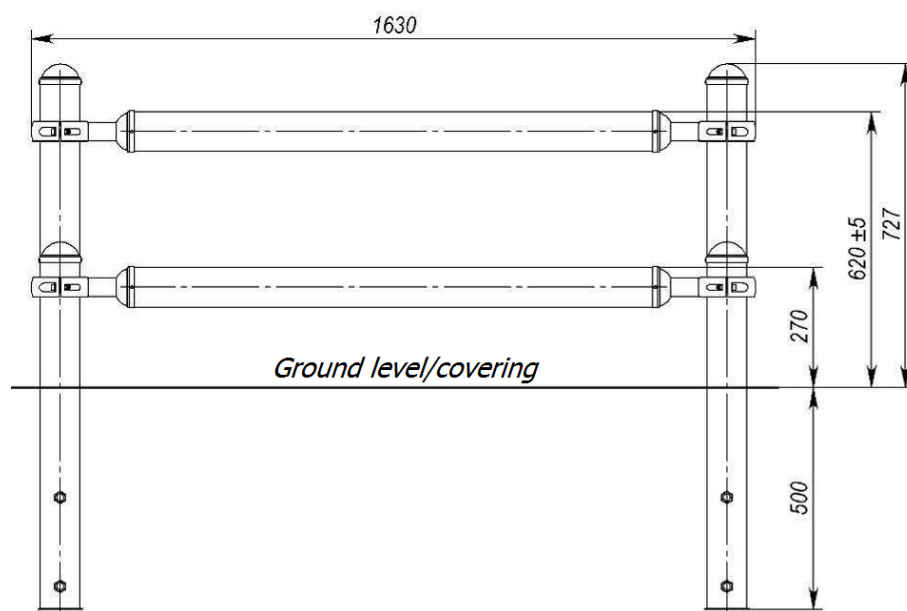


S834.3 – Parallel bars 0,6x1,5x0,25 m



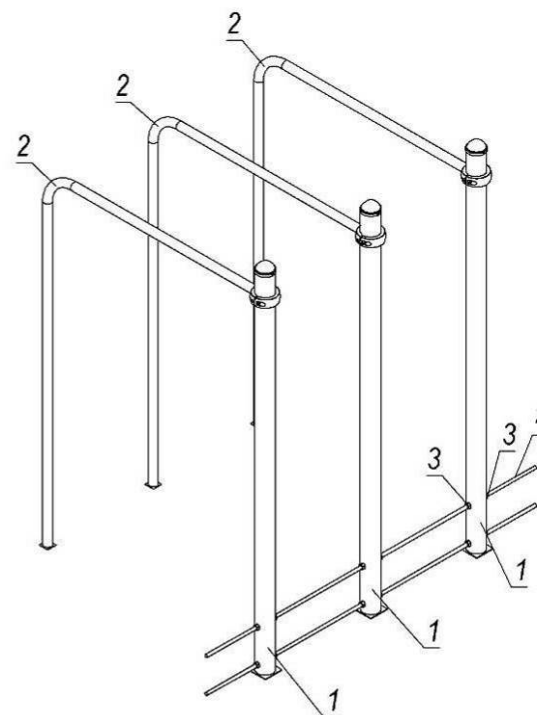
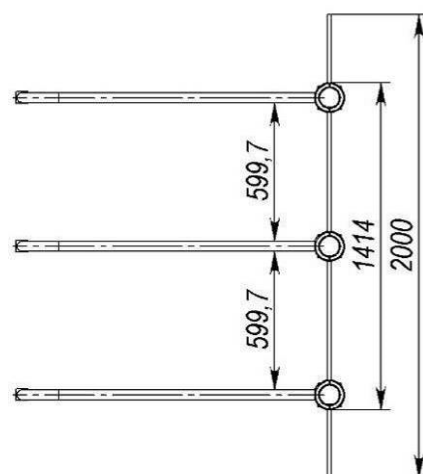
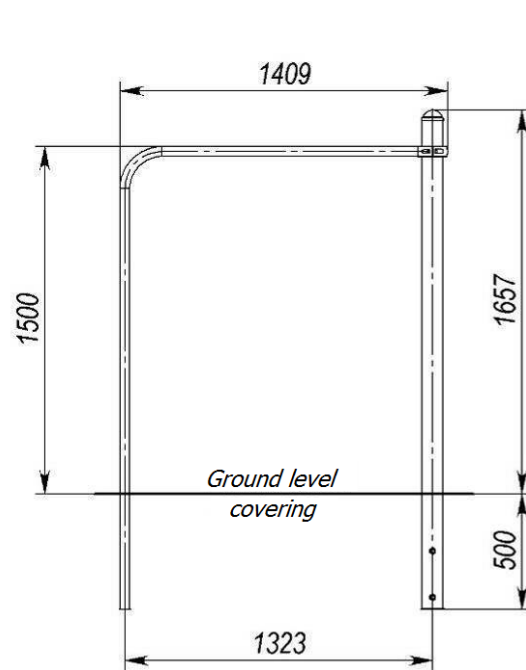
Pos.	Name	Weight, kg	Q-ty
1	Rack 0.8 m (for threaded rods)	7	4
2	Bent beam 1.5 m assembly	8	2
3	Threaded rod M16 L=996 mm	2	4
4	Nut M16 GOST5915		16

S834.4 – Parallel bars - abdominals



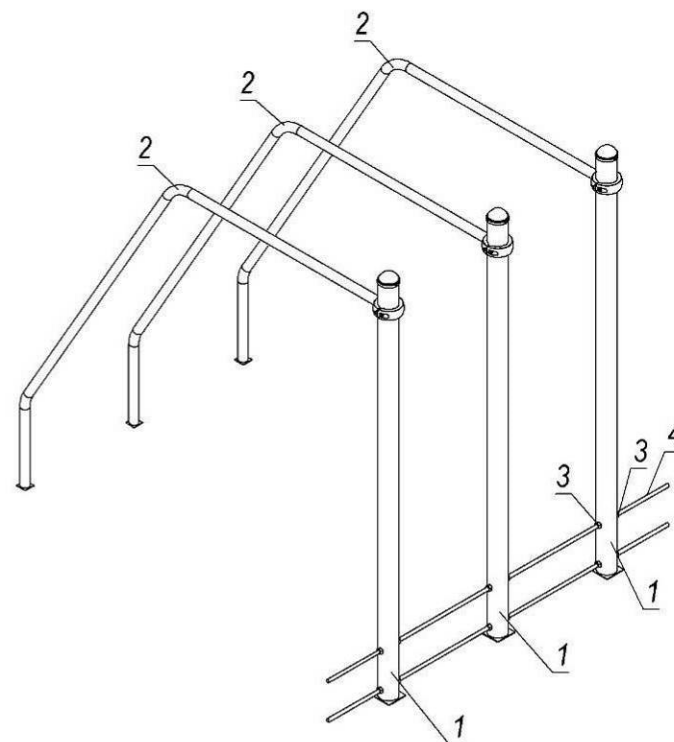
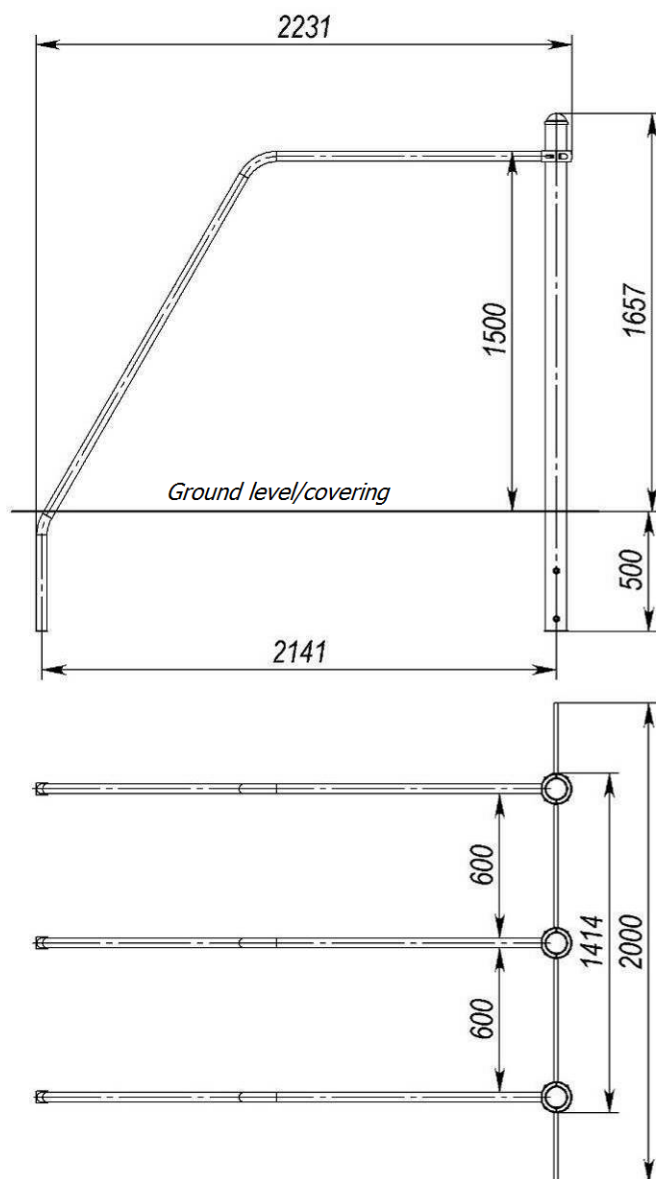
Pos.	Name	Weight, kg	Q-ty
1	Rack 0.8 m (for threaded rods)	7	2
2	Rack 1.2 m (for threaded rods)	10	2
3	Beam for abs 1.5 m assembly	18	2
4	Threaded rod M16 L=996 mm	2	4
5	Nut M16 GOST5915		16

S834.5 – Triple parallel bars 0,6x1,1x1,5 m



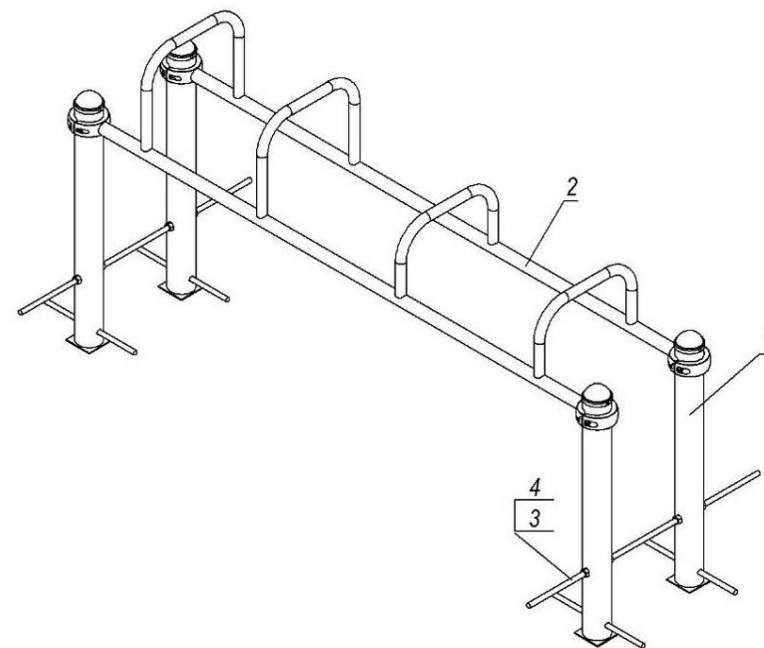
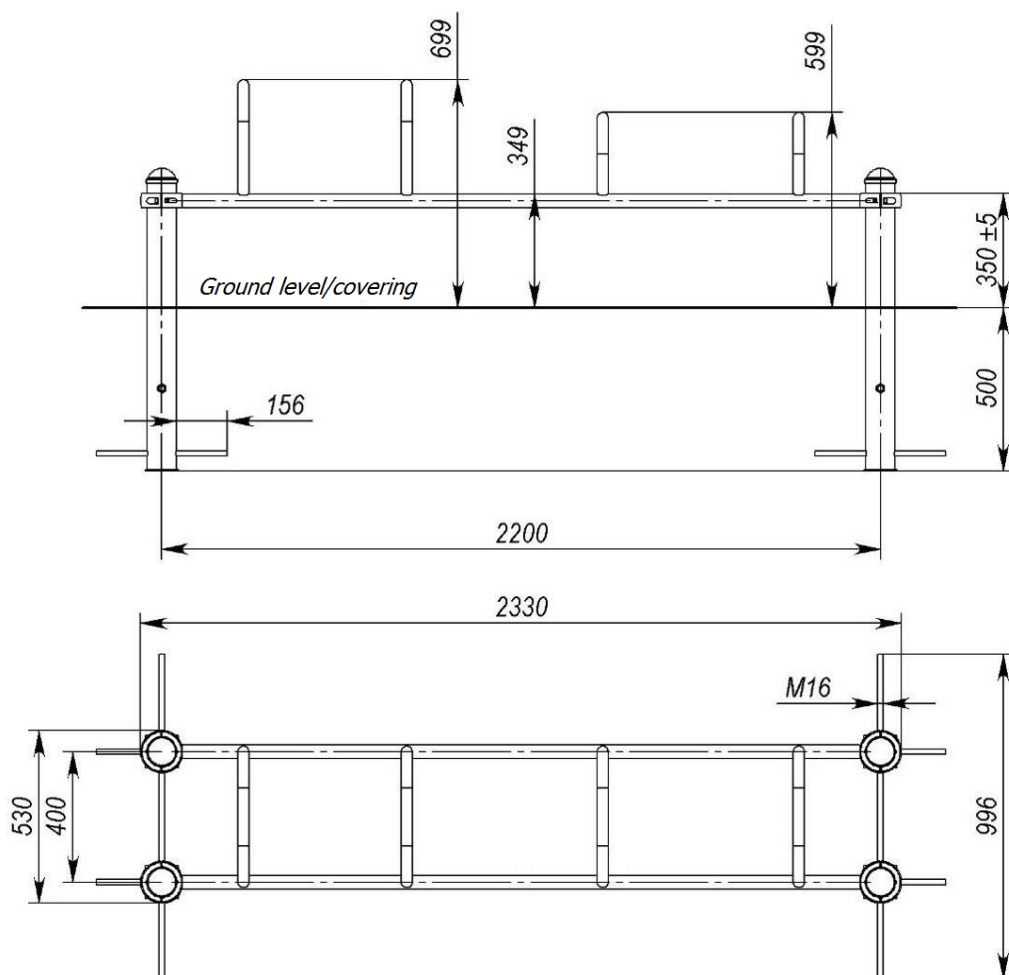
Pos.	Name	Weight, kg	Q-ty
1	Rack 2.1 m (for threaded rods)	18	3
2	Straight beam 1.1x1.5 m	11	3
3	Nut M16 GOST5915		12
4	Threaded rod M16 L=2000 mm	3	2

S834.6 – Triple incline parallel bars 0,6x1,1x1,5 m



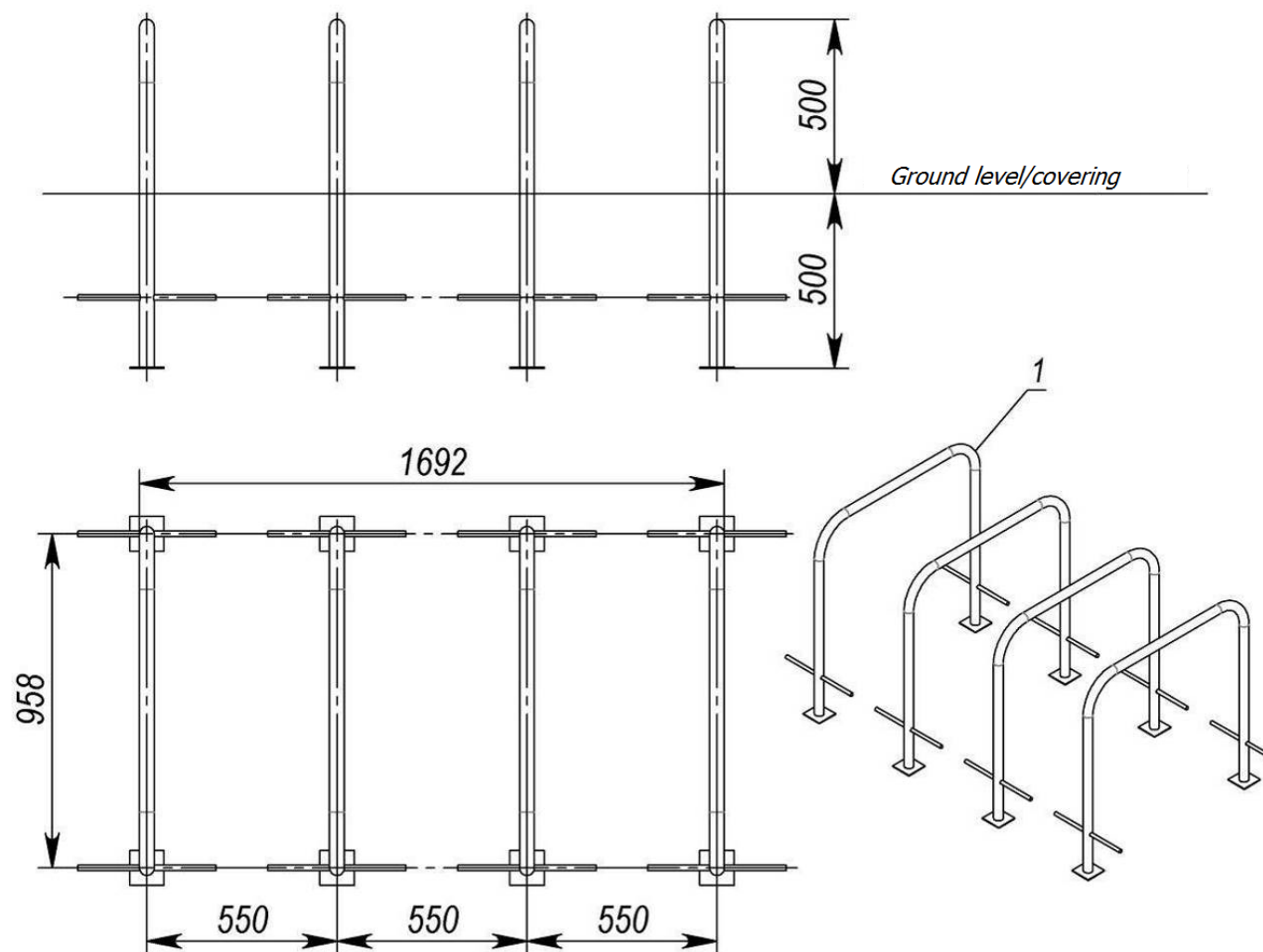
Pos.	Name	Weight, kg	Q-ty
1	Rack 2.1 m (for threaded rods)	18	3
2	Straight beam 1.1x1.5 m	11	3
3	Nut M16 GOST5915		12
4	Threaded rod M16 L=2000 mm	3	2

S834.7 – Mini parallel bars



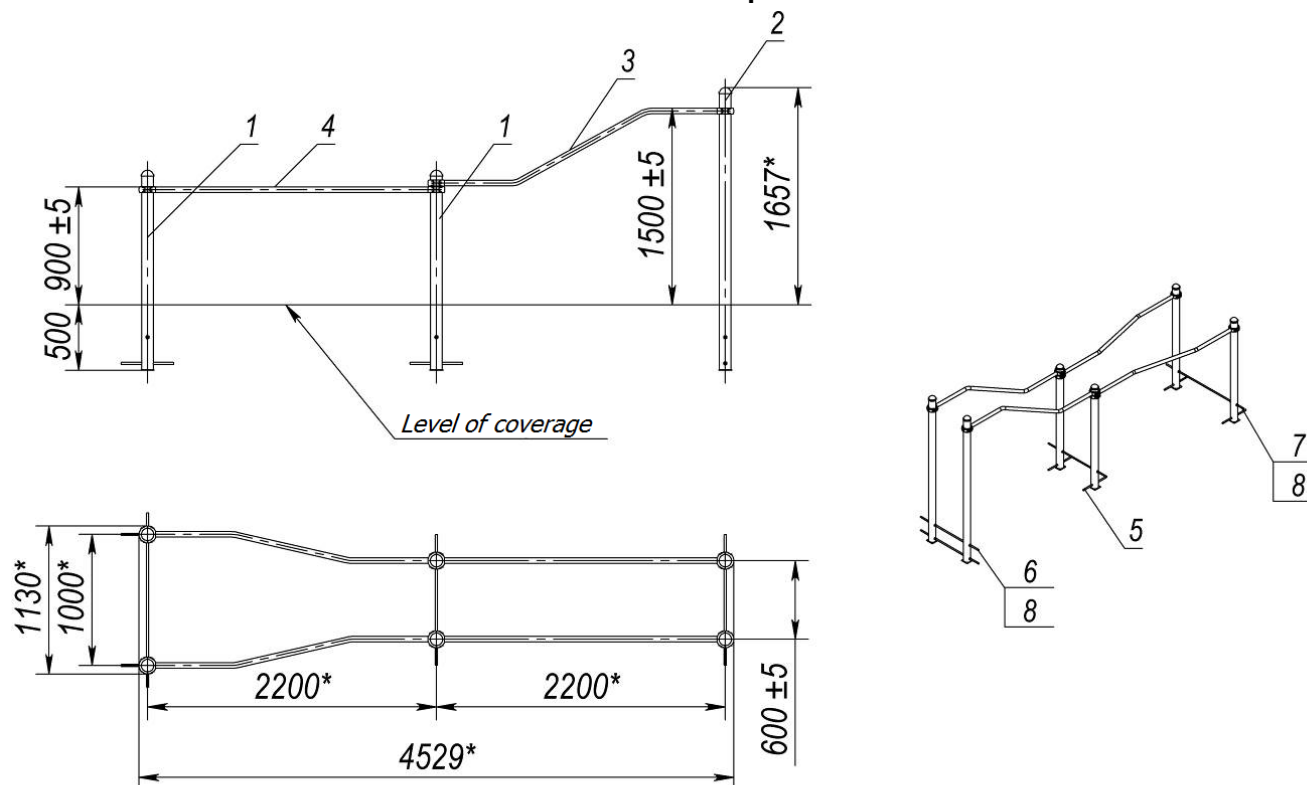
Pos.	Name	Weight, kg	Q-ty
1	Rack 0.9 m (for threaded rods)	8	4
2	Mini-beam frame	27	1
3	Threaded rod M16 L=996 mm	2	2
4	Nut M16 GOST5915		8

S834.9 – Handle for push-ups



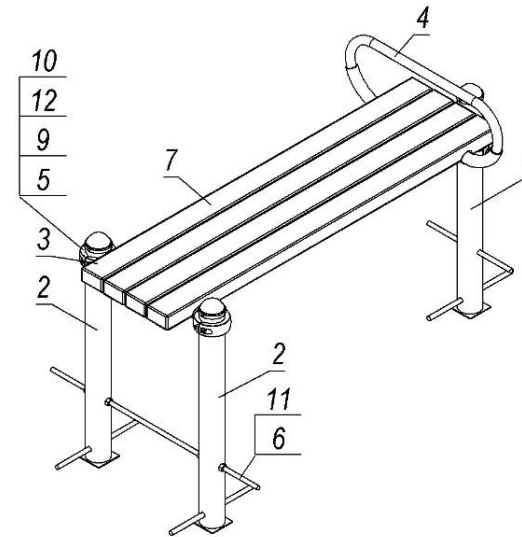
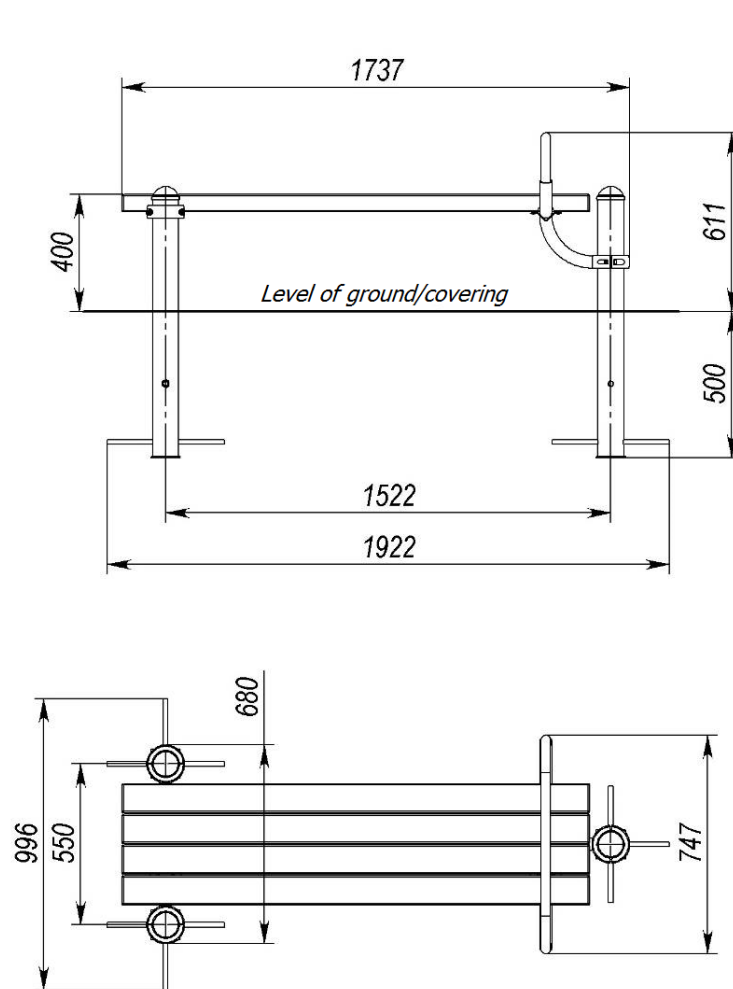
Pos.	Name	Weight, kg	Q-ty
1	Barrier	9	4

S834.10 – Inclined spreader bars



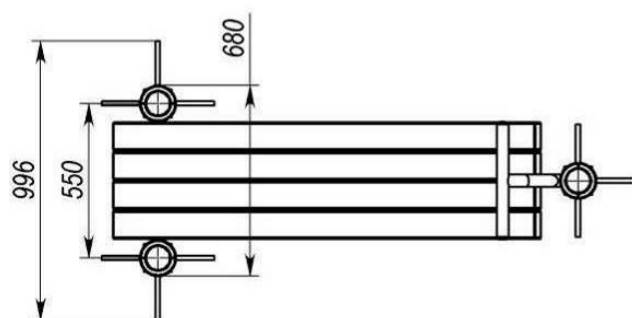
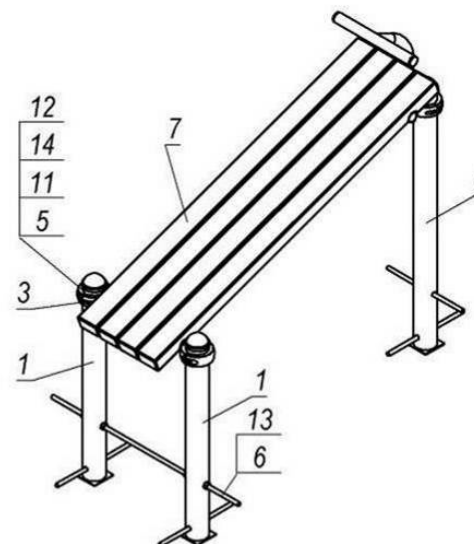
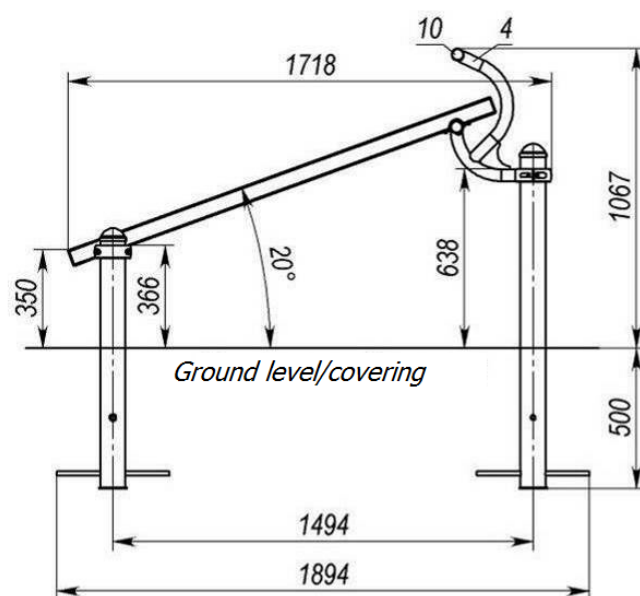
Pos.	Name	Weight, kg	Q-ty
1	Rack 1.5 m (for threaded rods)	13	4
2	Rack 2.1 m (for threaded rods)	18	2
3	Vertical beam 2.2/0.5 m assembly	9	2
4	Horizontal beam 2.2/0.2 m	9	2
5	Armature 16 L=400 DSTU3760		4
6	Threaded rod M16 L=996 mm		3
7	Threaded rod M16 L=1330 mm		1
8	Nut M16 GOST5915		16

S835.1 – Horizontal bench 1,6 m



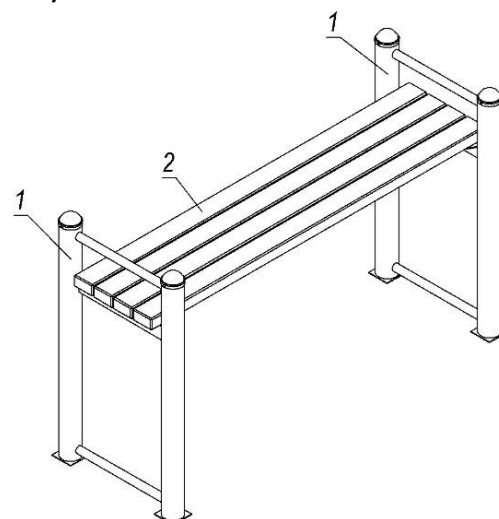
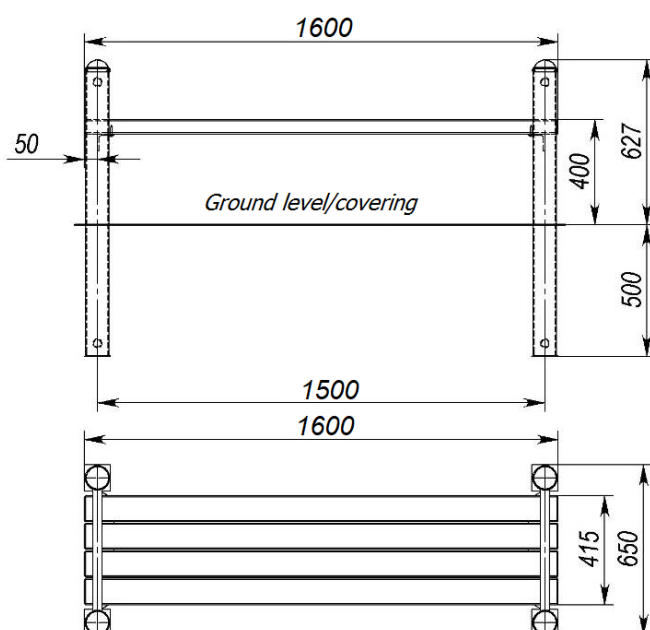
Pos.	Name	Weight, kg	Q-ty
1	Rack 0.9 m	9	1
2	Rack 0.9 m (for threaded rod)	8	2
3	Crossbar 550 mm	3	1
4	Grip	6	1
5	Clamp	1	3
6	Threaded rod M16 L=996 mm	2	1
7	Crossbar 60x100x1600 mm	5	4
8	Clip	1	2
9	Stud M8x35 GOST11738		6
10	Nut M8 DIN985		6
11	Nut M16 GOST5915		4
12	Washer 8 GOST11371		6
13	Screw 5x50 GOST1144-80		32

S835.2 – Incline bench 1,6 m



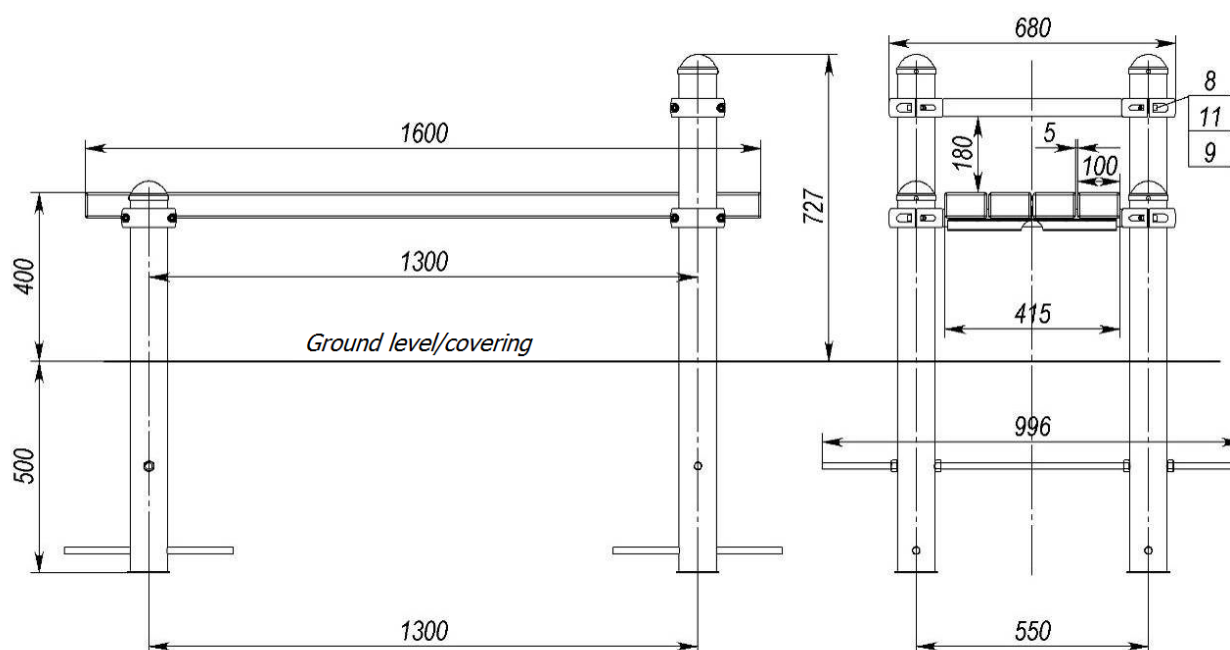
Pos.	Name	Weight, kg	Q-ty
1	Rack 0.9 m (for threaded rod)	8	2
2	Rack 1.2 m	11	1
3	Crossbar 550 mm	3	1
4	Grip	5	1
5	Clamp	1	3
6	Threaded rod M16 L=996 mm	2	1
7	Crossbar 60x100x1600 mm	5	4
8	Clip	1	2
9	Plug 1/4 (in DN32)		2
10	Plug DN32 R		2
11	Stud M8x35 GOST11738		6
12	Nut M8 DIN985		6
13	Nut M16 GOST5915		4
14	Washer 8 GOST11371		6
15	Screw 5x50 GOST1144-80		32

S835.3 – Bench 1,6 m

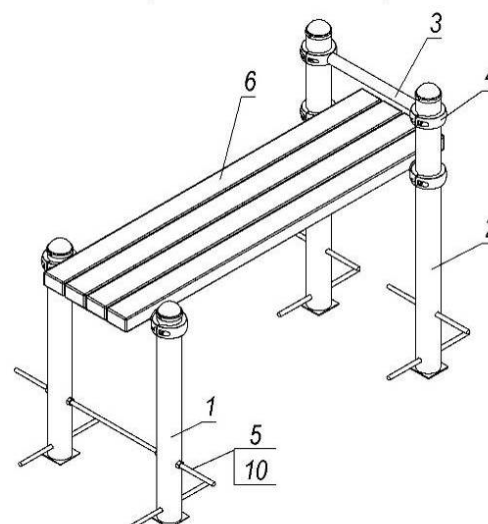


Pos.	Name	Weight, kg	Q-ty
1	Bench support assembly	23	2
2	Bench beam 55x100x1800 mm	5	4
3	Screw 5x40 GOST1144		16

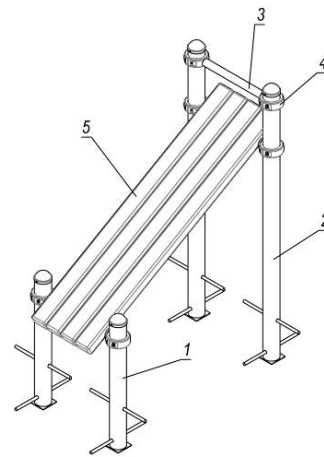
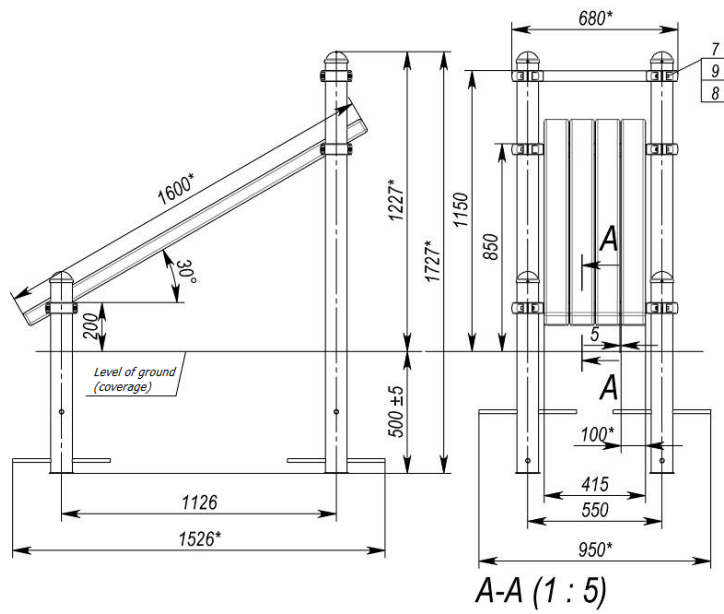
S835.4 – Horizontal bench 1,6 m



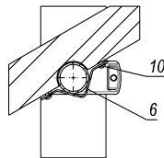
Pos.	Name	Weight, kg	Q-ty
1	Rack 0.9 m (for threaded rod)	8	2
2	Rack 1.2 m	11	2
3	Crossbar 550 mm	3	3
4	Clamp	1	6
5	Threaded rod M16 L=996 mm	2	1
6	Crossbar 60x100x1600 mm	5	4
7	Clip	1	2
8	Stud M8x35 GOST11738		12
9	Nut M8 DIN985		12
10	Nut M16 GOST5915		4
11	Washer 8 GOST11371		12
12	Screw 5x50 GOST1144-80		32



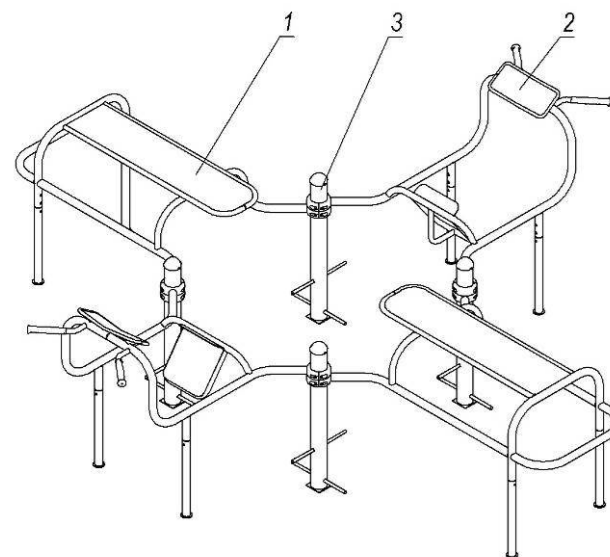
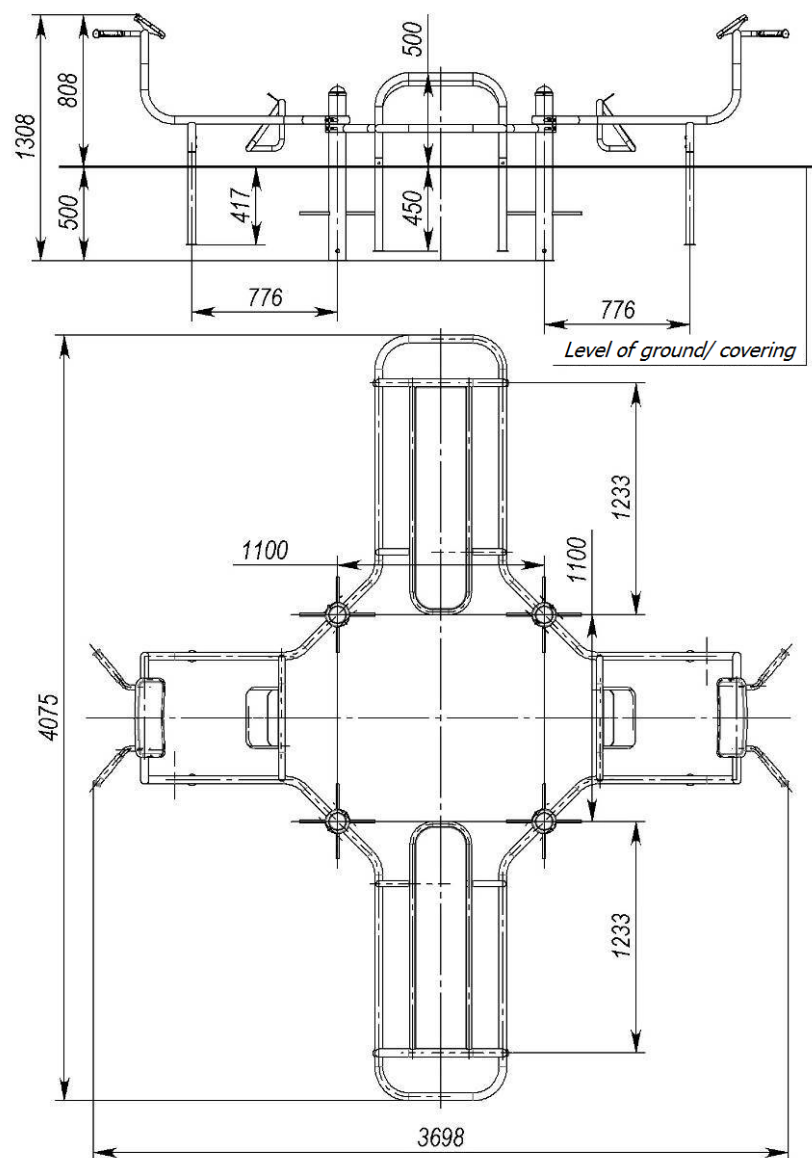
S835.4-30 – Incline bench 1,6 m



Pos.	Name	Weight, kg	Q-ty
1	Rack 0.8 m	8	2
2	Rack 1.7 m (L=1693 mm)	16	2
3	Crossbar 550 mm	3	3
4	Half-clamp F90		6
5	Crossbar 60*100*1600 mm	6	4
6	Clip		2
7	Stud M8x35 GOST11738		12
8	Nut M8 DIN985		12
9	Washer 8 GOST11371		12
10	Screw 5x50 GOST1144-80		32

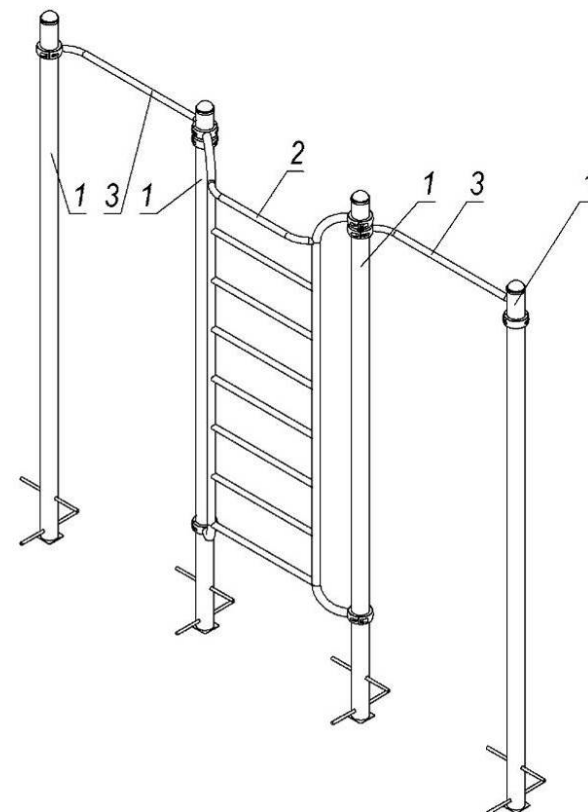
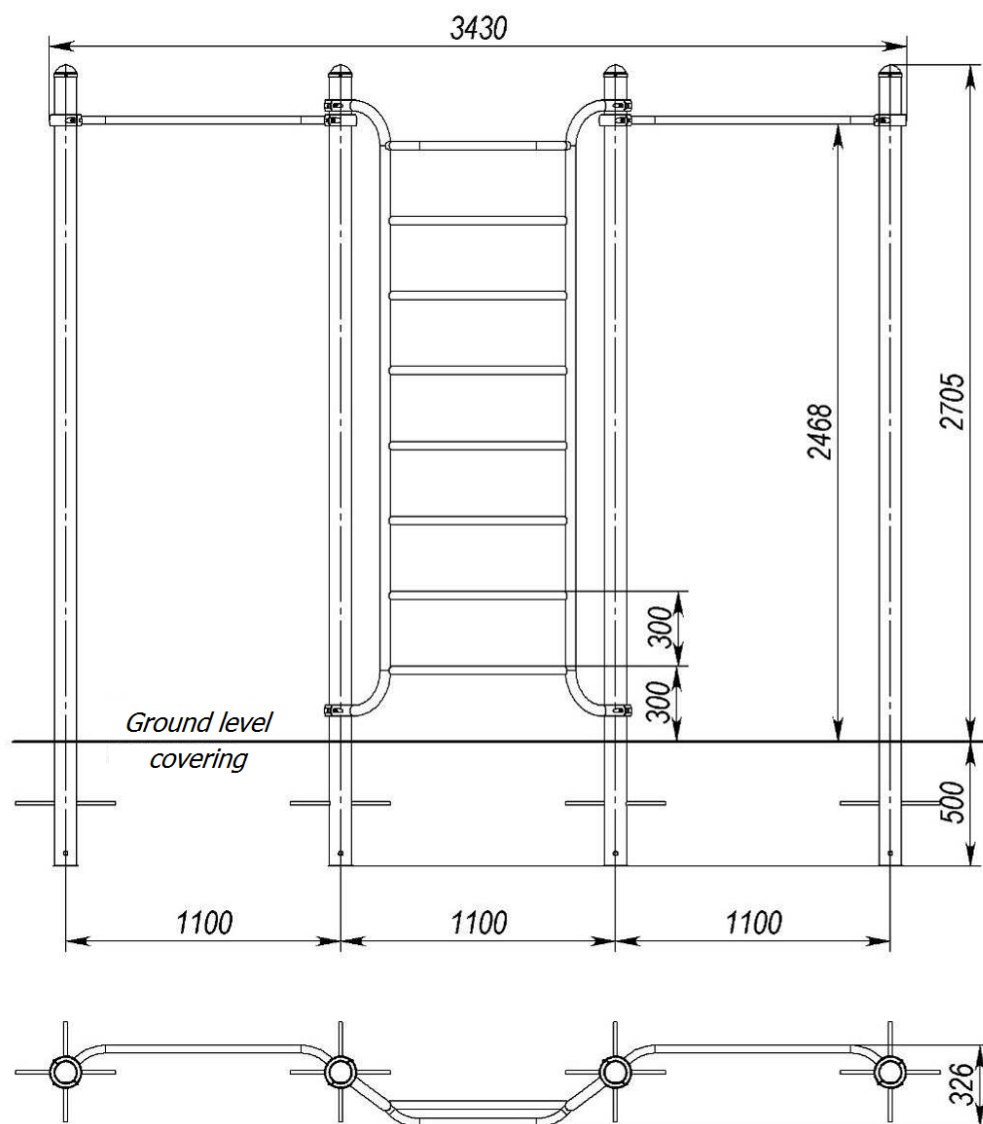


S836.1 – Abdominals - hyperextension



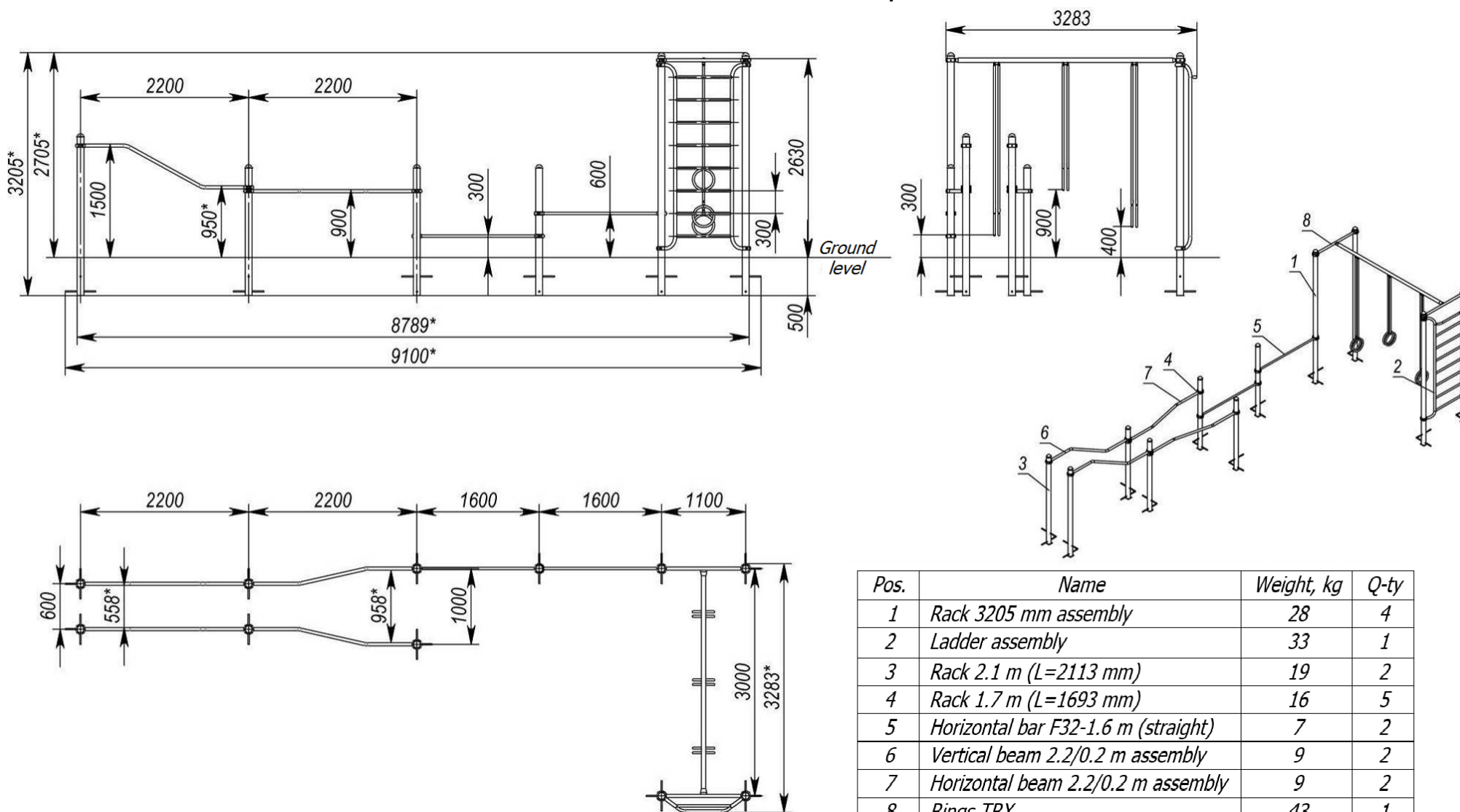
Pos.	Name	Weight, kg	Q-ty
1	Bench for abs	35	2
2	Hyperextension assembly	29	2
3	Rack 0.9 m	9	4

S836.2 – Horizontal bar - ladder

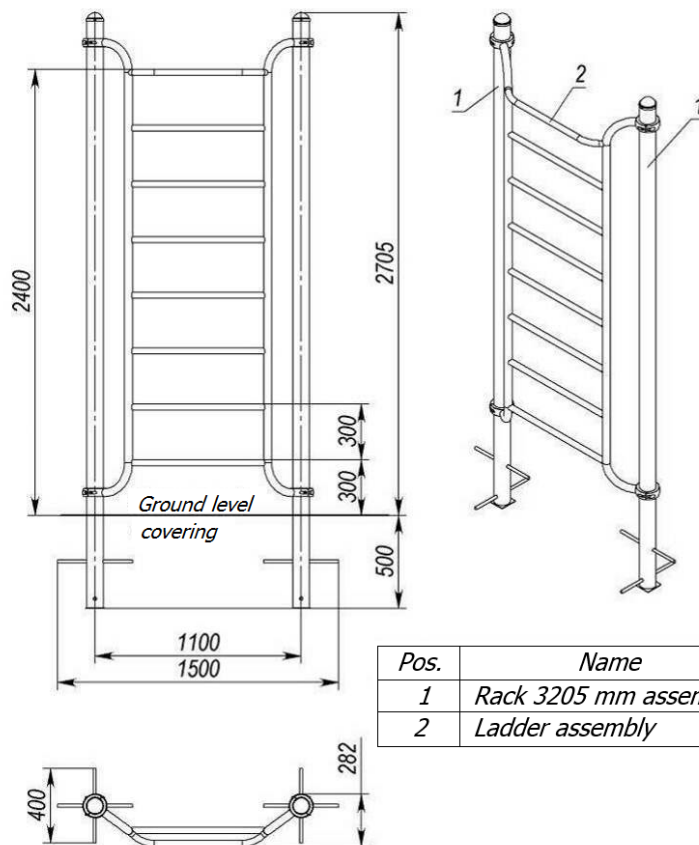


Pos.	Name	Weight, kg	Q-ty
1	Rack 3205 mm assembly	28	4
2	Ladder assembly	34	1
3	Horizontal bar F32-1.1m	7	2

S836.2-UA – Bar TRX complex

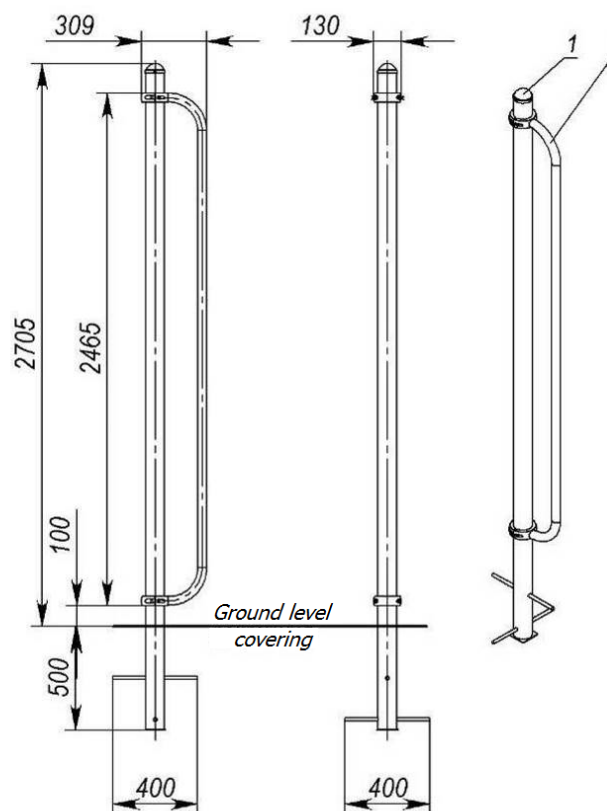


S839.1 – Ladder



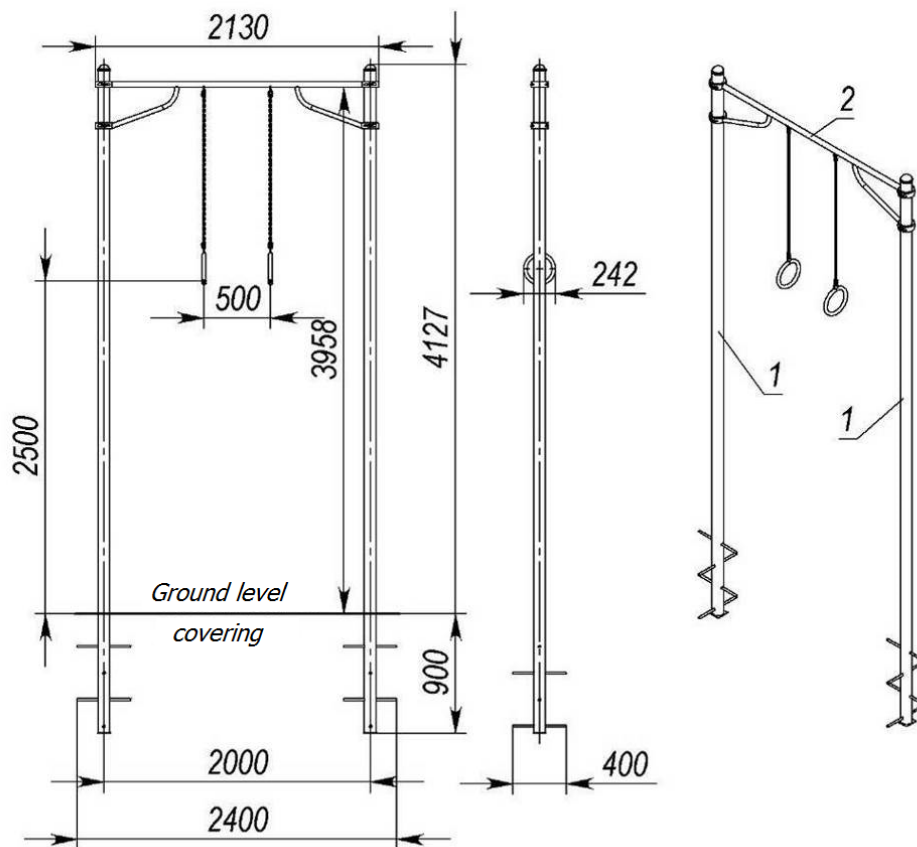
Pos.	Name	Weight, kg	Q-ty
1	Rack 3205 mm assembly	28	2
2	Ladder assembly	34	1

S839.2 – Vertical handler



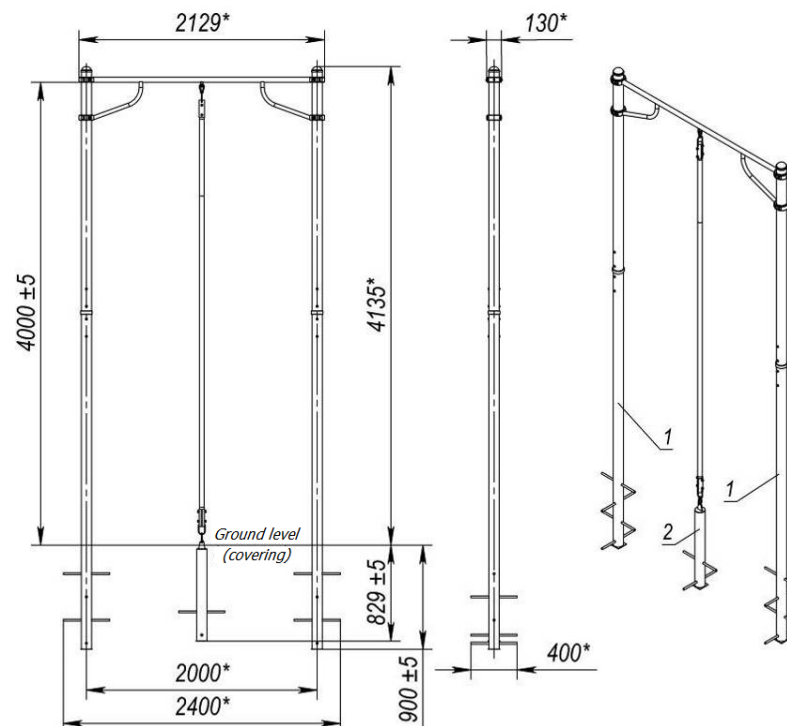
Pos.	Name	Weight, kg	Q-ty
1	Rack 3205 mm assembly	28	1
2	Handrail assembly	11	1

S839.3 – Gymnastic rings



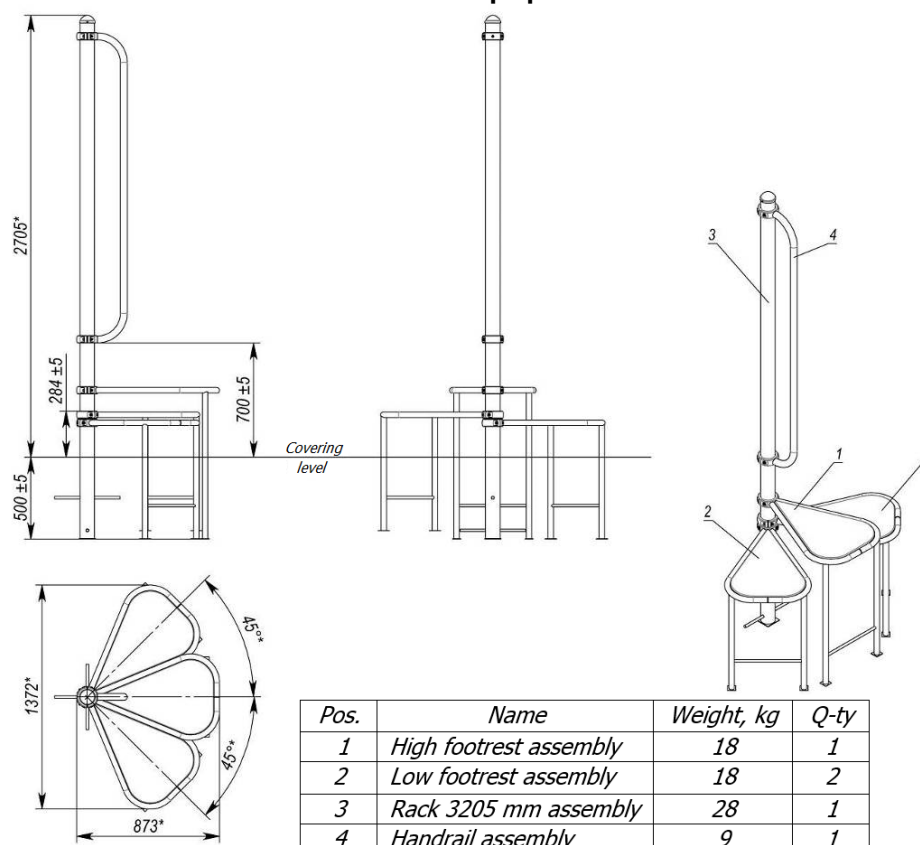
Pos.	Name	Weight, kg	Q-ty
1	Rack 5.0 m	44	2
2	Sports equipment Rings	21	1

S839.4 – Gymnastic rope

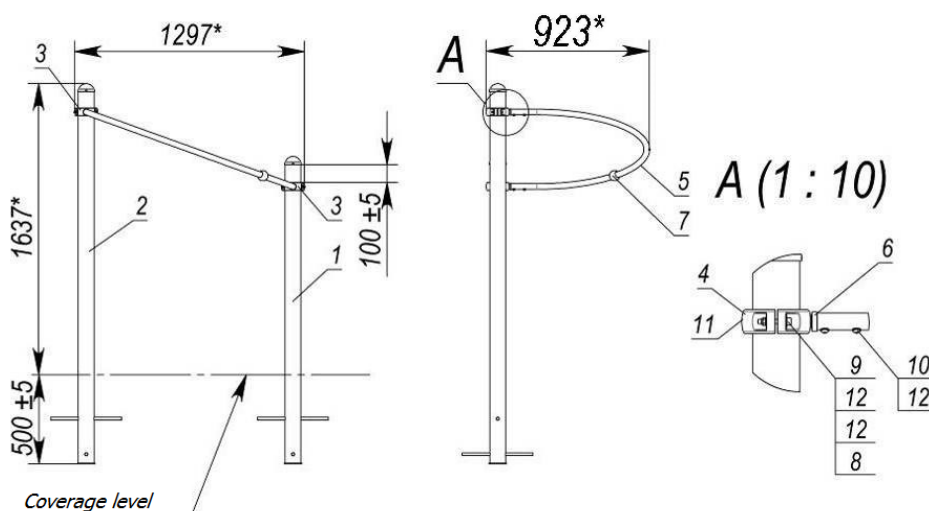


Pos.	Name	Weight, kg	Q-ty
1	Rack 5.0 m	48	2
2	Sports equipment Rope	29	1

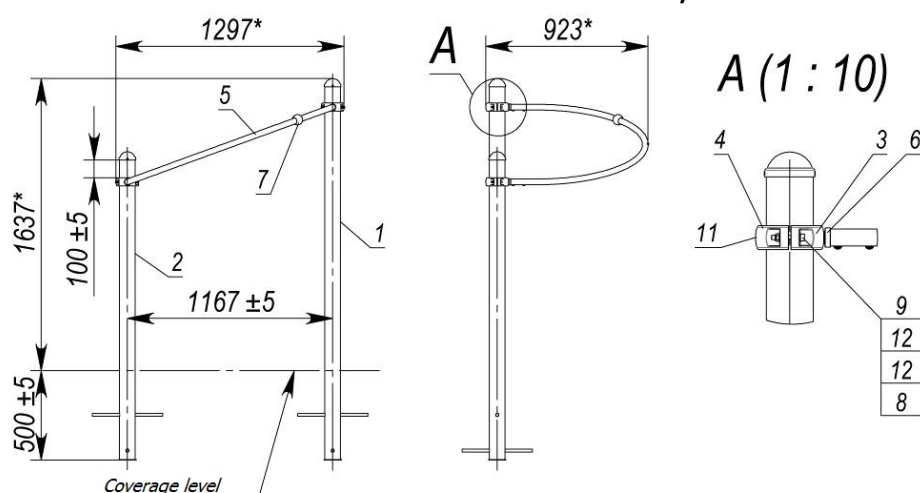
S839.4 – Step platform



S839.11 - Shoulder arch, right

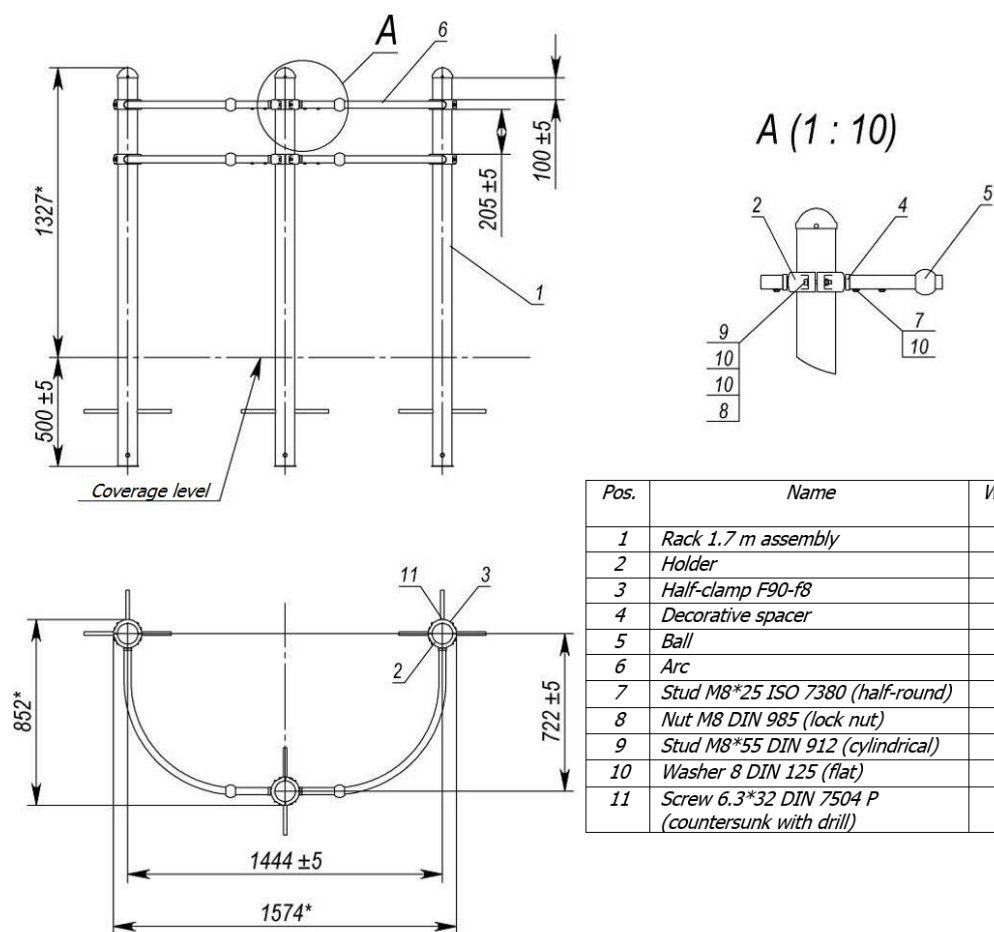


S839.11-01 - Shoulder arch, left



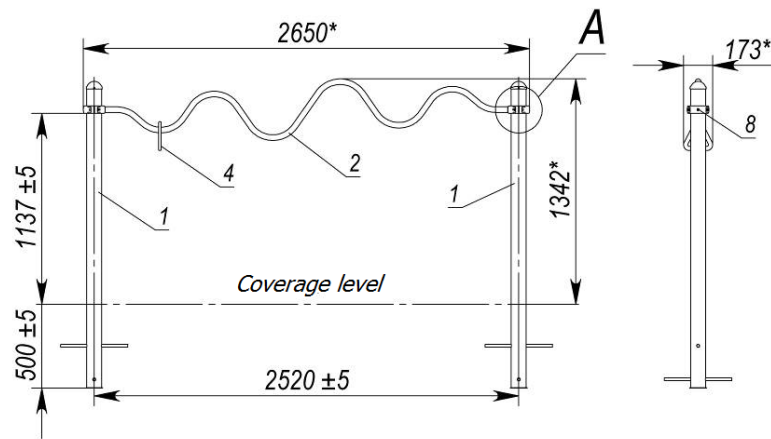
Pos.	Name	Weight, kg	Q-ty
1	Rack 2.1 m (L=2113 mm)	19	1
2	Rack 1.7 m (L=1693 mm)	16	1
3	Holder right	1	2
4	Half-clamp F90-f8		2
5	Arc	3	1
6	Decorative spacer		2
7	Ball		1
8	Nut M8 DIN 985 (lock nut)		4
9	Stud M8*55 DIN 912 (cylindrical)		4
10	Stud M8*25 ISO 7380 (half-round)		4
11	Screw 6.3*32 DIN 7504 P (countersunk with drill)		2
12	Washer 8 DIN 125 (flat)		12

S839.12 - Shoulder arch, double



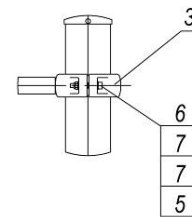
Pos.	Name	Weight, kg	Q-ty
1	Rack 1.7 m assembly	17	3
2	Holder		8
3	Half-clamp F90-f8		4
4	Decorative spacer		8
5	Ball		4
6	Arc	2	4
7	Stud M8*25 ISO 7380 (half-round)		16
8	Nut M8 DIN 985 (lock nut)		12
9	Stud M8*55 DIN 912 (cylindrical)		12
10	Washer 8 DIN 125 (flat)		40
11	Screw 6.3*32 DIN 7504 P (countersunk with drill)		4

S839.13 - Wavy handrail

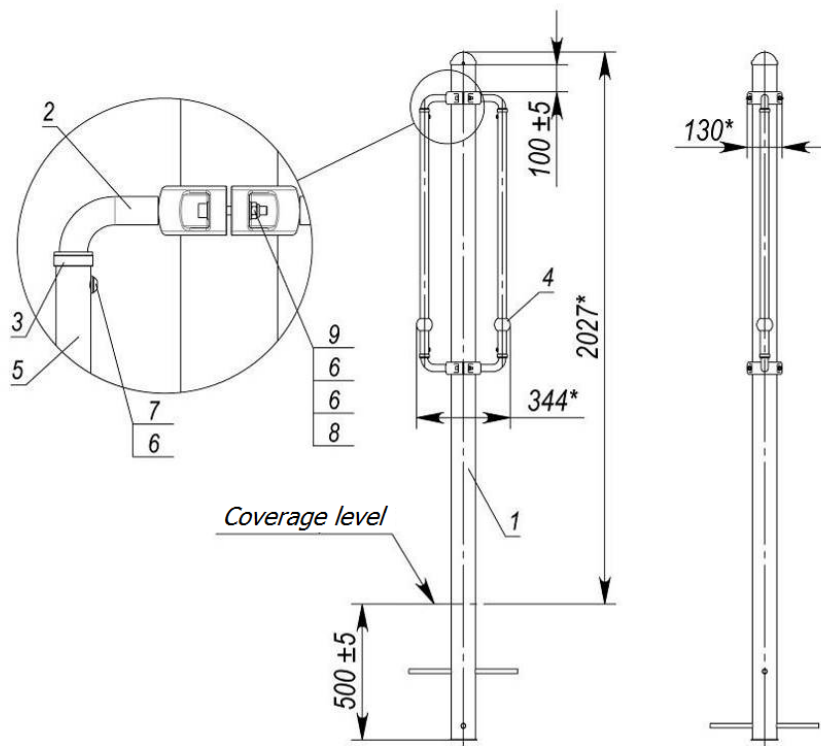


A (1 : 10)

Pos.	Name	Weight, kg	Q-ty
1	Rack 1.7 m assembly	17	2
2	Wavy handrail	8	1
3	Half-clamp F90-f8		2
4	Triangular handle		1
5	Nut M8 DIN 985 (lock nut)		4
6	Stud M8*55 DIN 912 (cylindrical)		4
7	Washer 8 DIN 125 (flat)		8
8	Screw 6.3*32 DIN 7504 P (countersunk with drill)		2

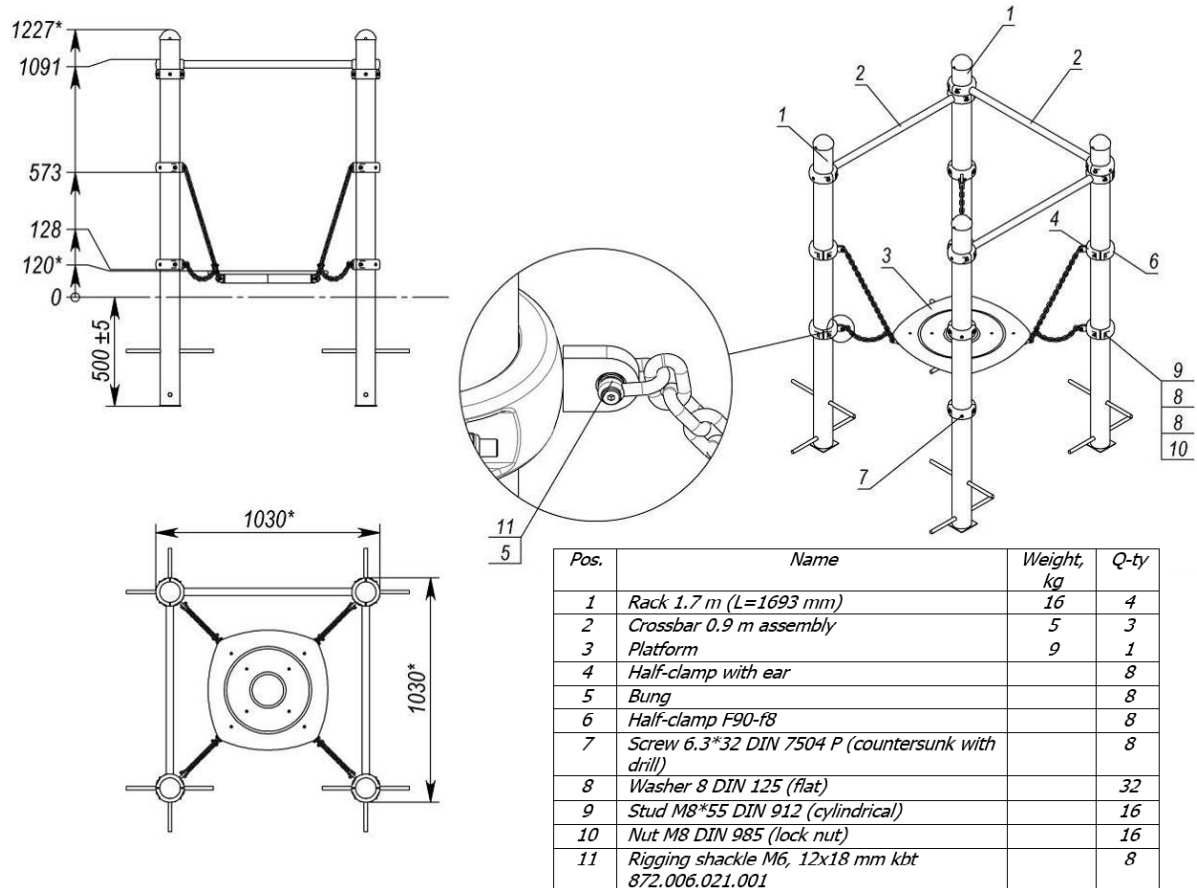


S839.14 - Vertical handler for wrists

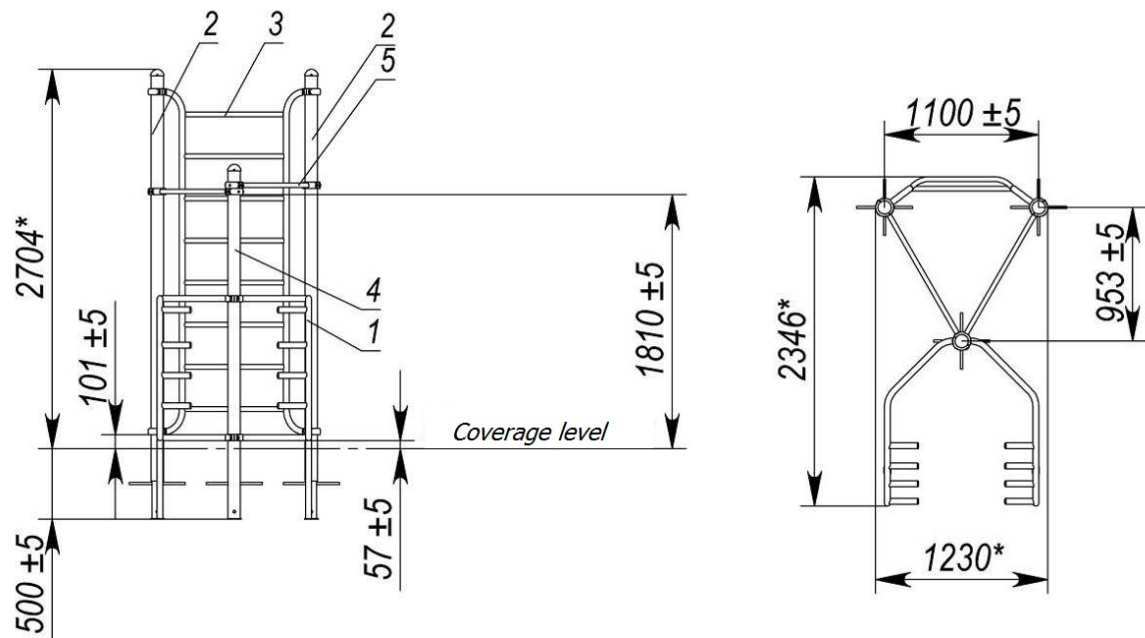


Pos.	Name	Weight, kg	Q-ty
1	Rack 2.5 m	22	1
2	L-shaped bracket	2	4
3	Decorative spacer		4
4	Ball		2
5	Guide		2
6	Washer 8 DIN 125 (flat)		12
7	Stud M8*25 ISO 7380 (half-round)		4
8	Stud M8*55 DIN 912 (cylindrical)		4
9	Nut M8 DIN 985 (lock nut)		4

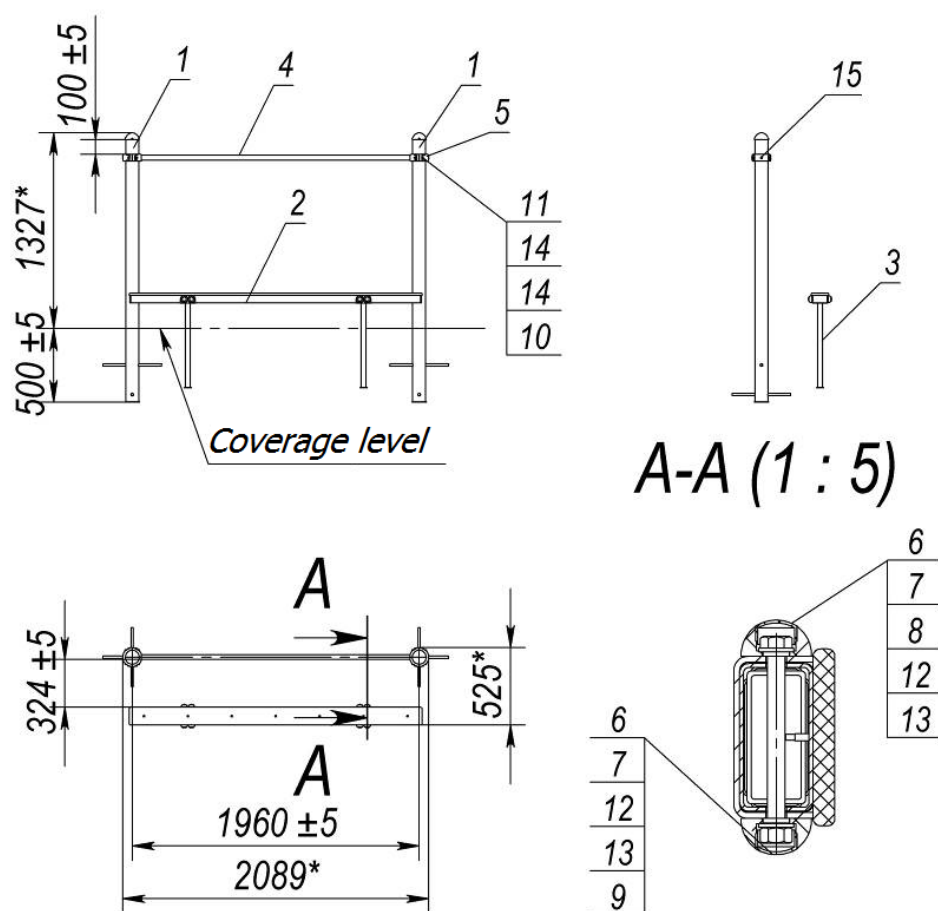
S839.15 - Balancing platform



S839.16 - Stretching station



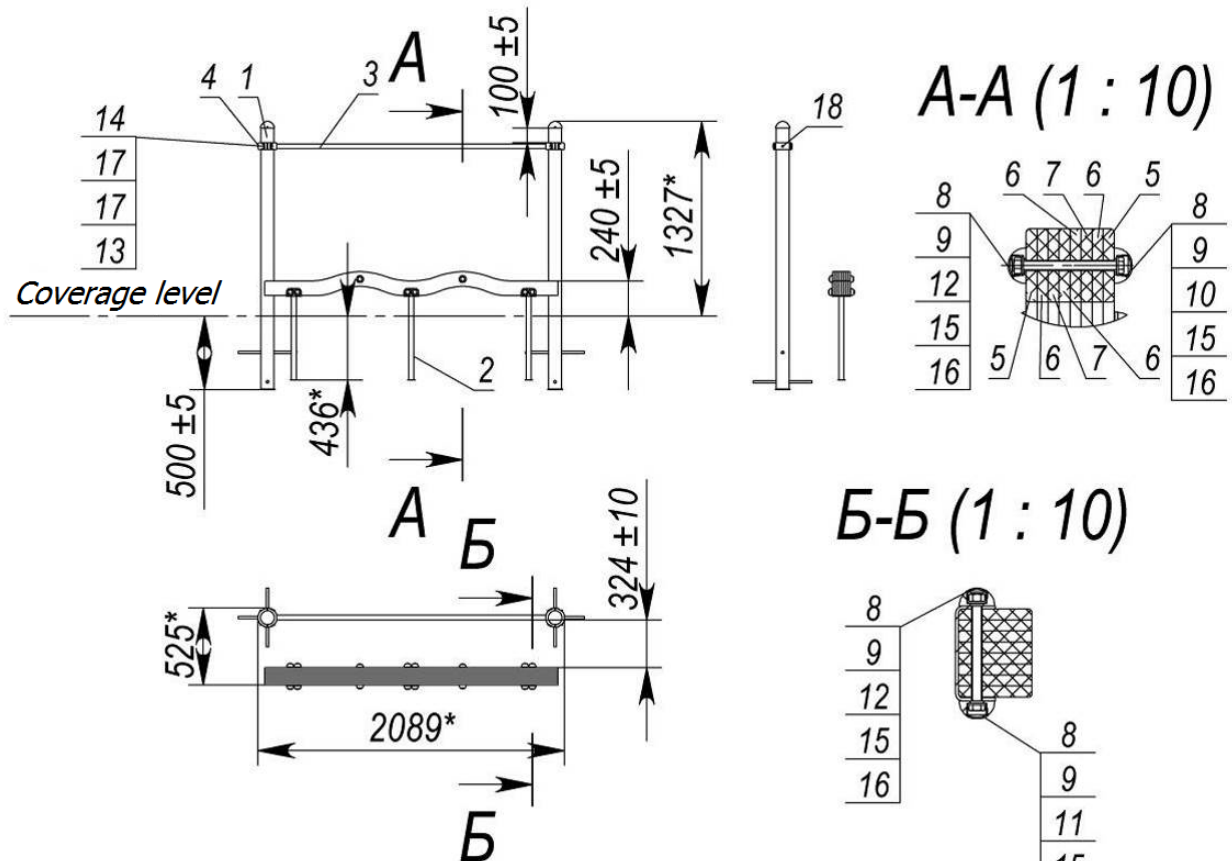
S839.17 - Straight balancing beam



1. Rack metal - RAL9001, hanging metal - RAL2004, HDPE - orange-black-orange (020-931-020).

Pos.	Name	Weight, kg	Q-ty
1	Rack 1.7 m assembly	17	2
2	Beam	15	1
3	Support	2	2
4	Crossbar	6	1
5	Half-clamp F90-f8		2
6	Cap M10, M12		8
7	Cup M10, M12		8
8	Bolt M12*130 DIN 933 (full thread)		4
9	Nut M12 DIN 934 (hexagonal)		4
10	Nut M8 DIN 985 (lock nut)		4
11	Stud M8*55 DIN 912 (cylindrical)		4
12	Washer 12 DIN 125 (flat)		8
13	Washer 12 DIN 7980 (spring)		8
14	Washer 8 DIN 125 (flat)		8
15	Screw 6.3*32 DIN 7504 P (countersunk with drill)		2

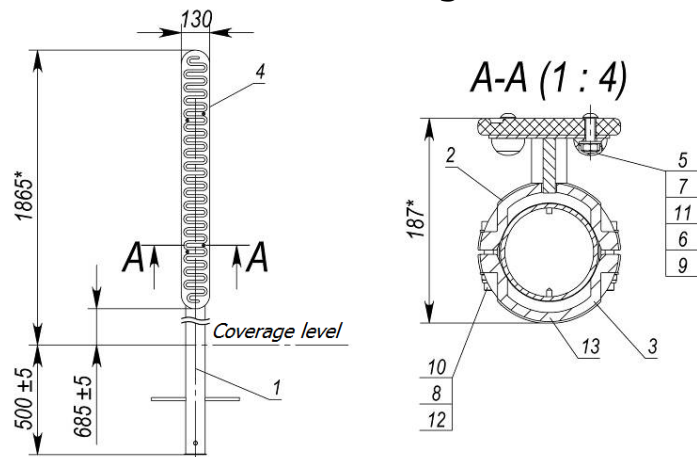
S839.18 - Wavy balancing beam



1. Rack metal - RAL9001, hanging metal - RAL2004, HDPE - orange-black-orange (020-931-020)

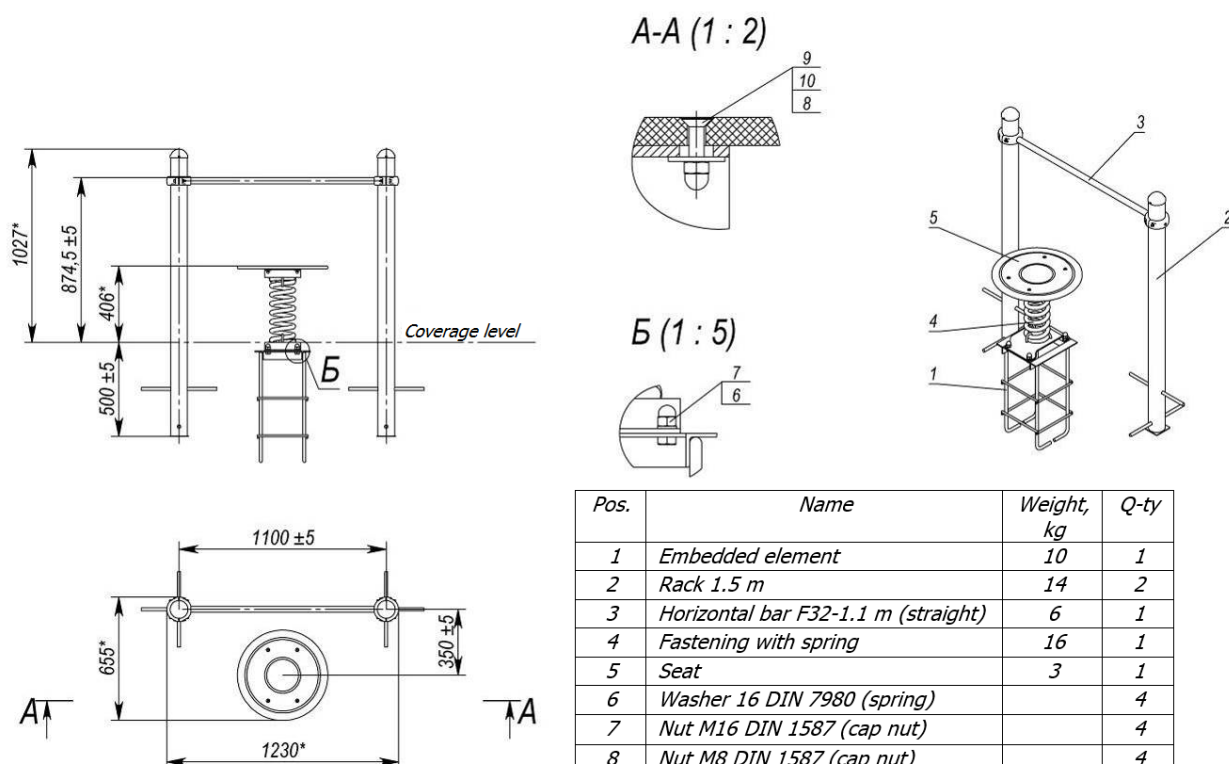
Pos.	Name	Weight, kg	Q-ty
1	Rack 1.7 m assembly	17	2
2	Support	2	3
3	Crossbar	6	1
4	Half-clamp F90-f8		2
5	External wave	3	2
6	Inner wave	3	6
7	Decorative wave	3	2
8	Cap M10, M12		16
9	Cup M10, M12		16
10	Bolt M12*140 DIN 933 (full thread)		2
11	Bolt M12*150 DIN 933 (full thread)		6
12	Nut M12 DIN 934 (hexagonal)		8
13	Nut M8 DIN 985 (lock nut)		4
14	Stud M8*55 DIN 912 (cylindrical)		4
15	Washer 12 DIN 125 (flat)		16
16	Washer 12 DIN 7980 (spring)		16
17	Washer 8 DIN 125 (flat)		8
18	Screw 6.3*32 DIN 7504 P (countersunk with drill)		2

S839.19 - Finger ladder



Pos.	Name	Weight, kg	Q-ty
1	Rack 2.1 m (L=2113 mm)	19	1
2	Panel holder		2
3	Half-clamp F90-f8		2
4	Panel	2	1
5	Cap M8		4
6	Cup M8		4
7	Nut M8 DIN 934 (hexagonal)		4
8	Nut M8 DIN 985 (lock nut)		4
9	Stud M8*30 ISO 7380 (half-round)		4
10	Stud M8*55 DIN 912 (cylindrical)		4
11	Washer 10 DIN 125 (flat)		4
12	Washer 8 DIN 125 (flat)		8
13	Screw 6.3*32 DIN 7504 P (countersunk with drill)		2

S839.20 - Sitting balancer



Pos.	Name	Weight, kg	Q-ty
1	Embedded element	10	1
2	Rack 1.5 m	14	2
3	Horizontal bar F32-1.1 m (straight)	6	1
4	Fastening with spring	16	1
5	Seat	3	1
6	Washer 16 DIN 7980 (spring)		4
7	Nut M16 DIN 1587 (cap nut)		4
8	Nut M8 DIN 1587 (cap nut)		4
9	Stud M8x30-A2 DIN 7991 (countersunk) stainless		4
10	Washer 10 DIN 9021 (enlarged)		4