

Mounting instruction large play equipment „angulus 5“

Item-No. 51 7525 601

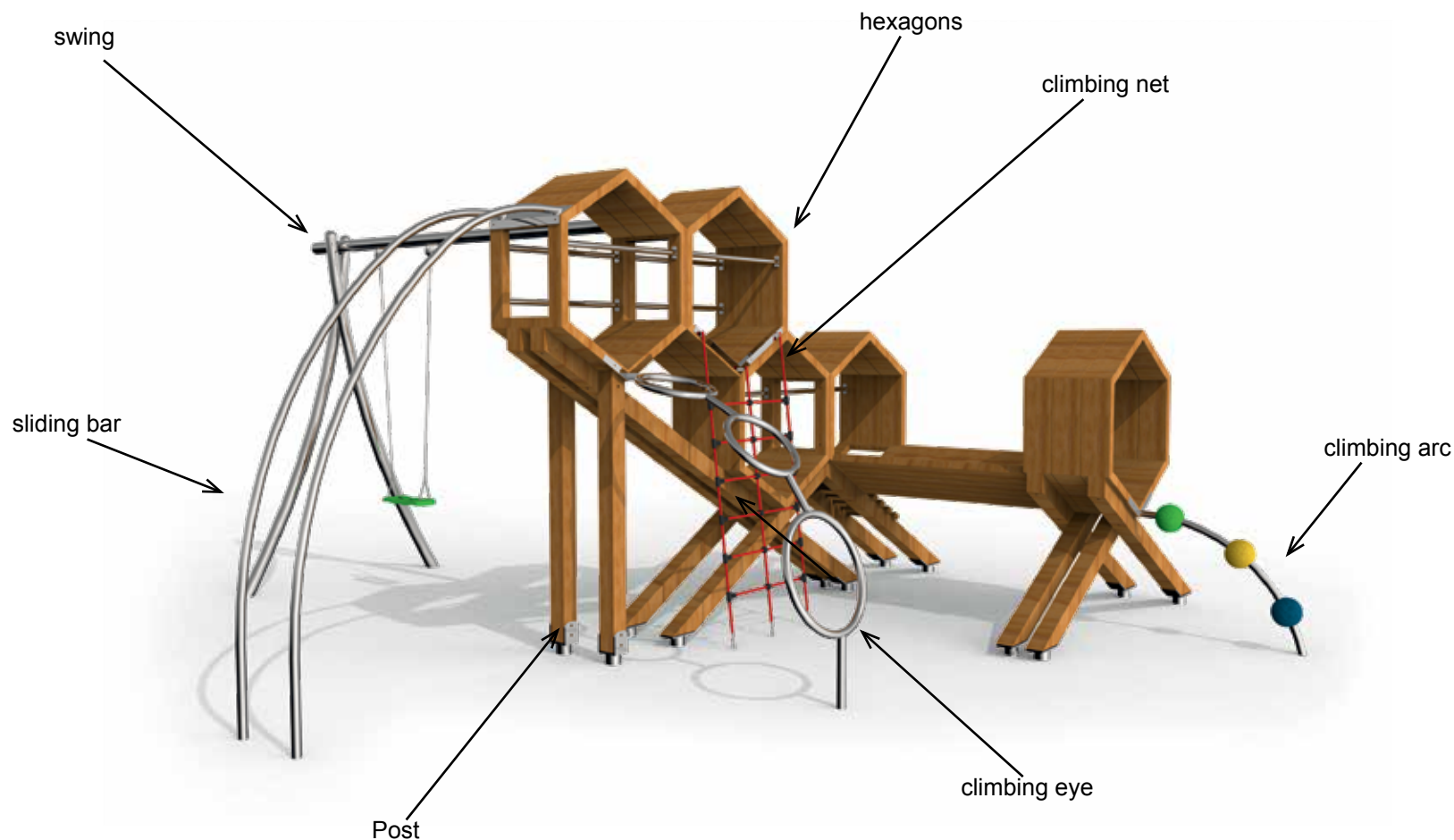


Diagram 1: Overall view of play equipment with description of individual elements

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Item-No. 51 7525 601

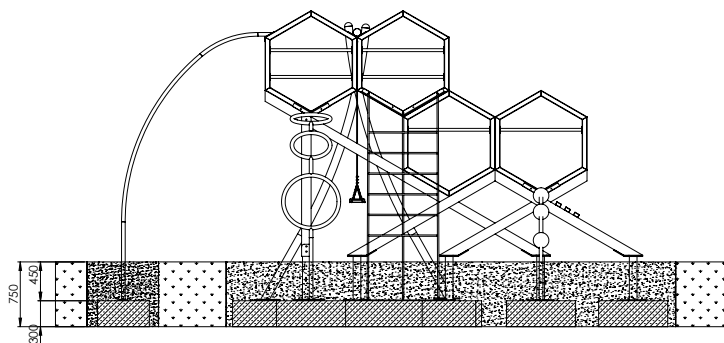


Diagram 2a: Foundation plan with dimension details „angulus 5“

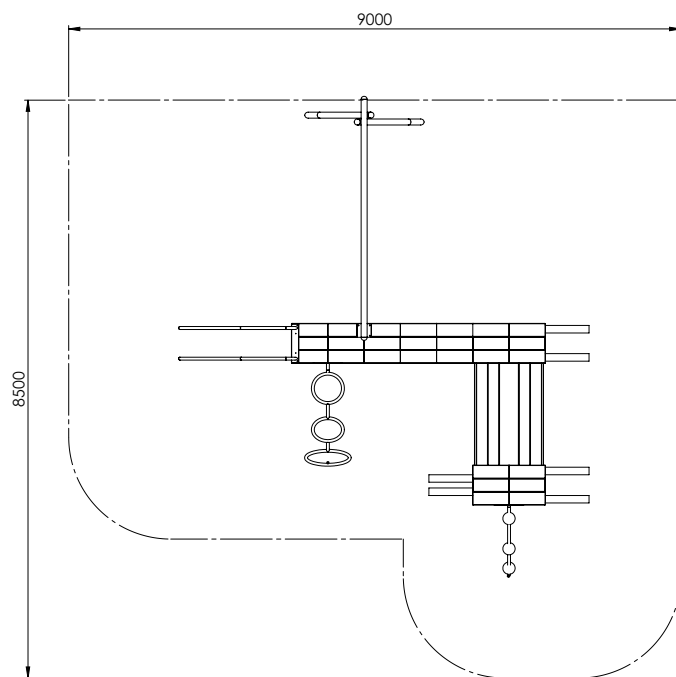


Diagram 3: Minimum space

1. Select the play equipment location in consideration of the required safety area (see Diagram 3: 9000x8500mm).
2. Carry out excavation work for 10 foundations as shown in Diagram 2a, 2b and 2c. After excavation, compress the foundation floor.
Note: The combination equipment is built in on the play level. Pay attention to items marked „game level“ of play equipment!
3. Setup the main foundation (LxWxH 1265x2000x300mm), the foundation for the climbing arc, the climbing eye and the swing (LxWxH 800 x 800 x 300mm), the foundation for the sliding bar (LxWxH 1000x600x300mm) and the four smaller foundations (2 with LxWxH 620x980x300 and the with Lx-WxH 1215x800x300mm) acc. to the dimensions indicated in diagram 2a, 2b and 2c the quality class C 20/25 with horizontal reinforcement.

Reinforcement plan:

Concrete foundation with reinforcement

Main foundation: BSt 500S

Ever 4 stirrups Ø 8 mm lengthwise and cross

Concrete cover $h' = 3$ cm

Concrete quality class C 20/25

Foundations for attachment parts are no-reinforced

4. After a setting period of 10-14 days, depending on weather conditions and foundation size - clean the surface of the foundations and start with the installation of the combination equipment.

Mounting instruction large play equipment „angulus 5“

Foundation plan

Item-No. 51 7525 601

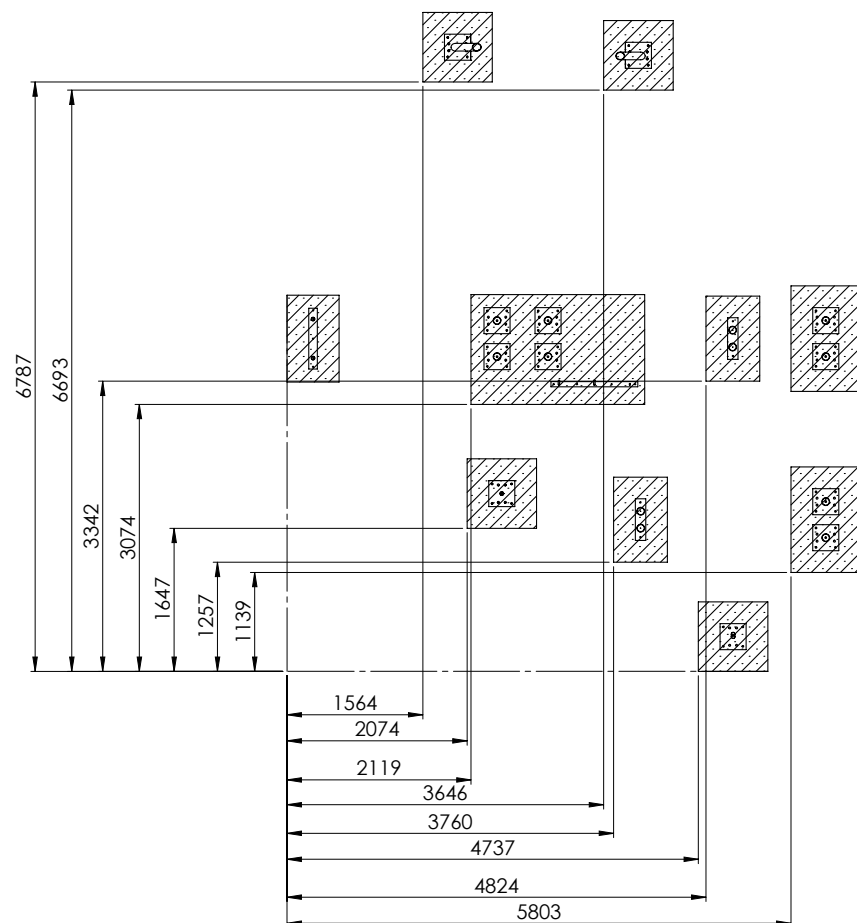


Diagram 2b: Top view of the foundation plan with position details „angulus 5“

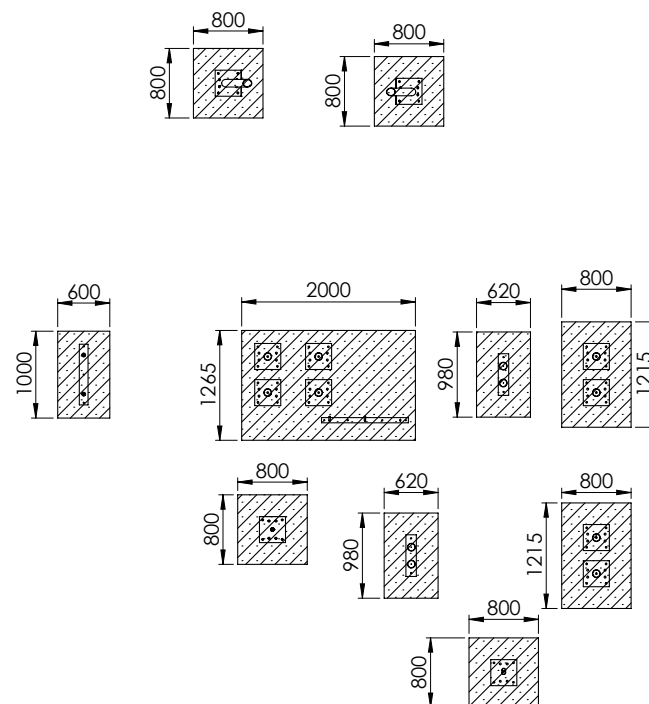


Diagram 2c: Top view of the foundation plan with dimension details „angulus 5“

Mounting instruction large play equipment „angulus 5“

Item-No. 51 7525 601

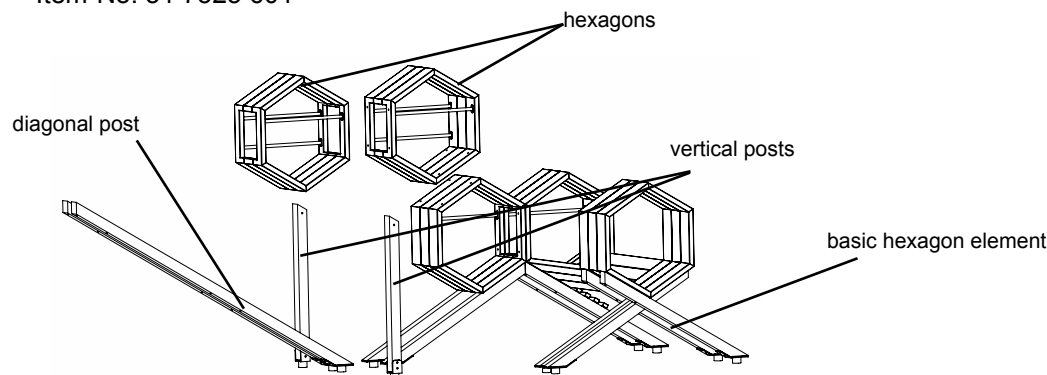


Diagram 4a: Wooden components

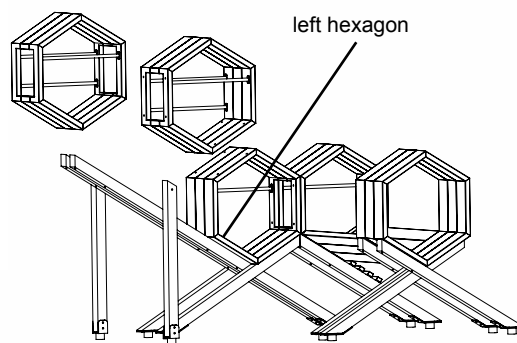


Diagram 4b: Position of the posts

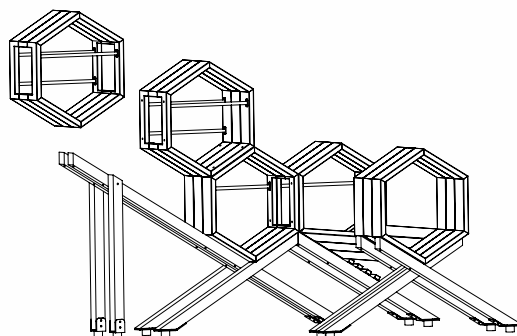


Diagram 4c: Position of the hexagons

5. Place the basic hexagon-element at the foundations.
6. Fix the diagonal posts as shown in diagram 4b at the indicated positions and screw it with the left hexagon.
7. Screw the vertical posts at the provided holes at the diagonal posts.
8. Connect the hexagons as shown in diagram 1,4a, 4ba and 4c at the provided positions with the screws included in the delivery.
9. Align the wooden play equipment part once more on the foundations as shown in diagram 1,2a and 2b.
Note: Do not screw the base plates onto the foundations yet!
10. Connect the swing according to diagram 6a at the indicated positions (diagram 1, 5a) with the screws included in the delivery.
11. Connect the climbing arc (Diagram 5c), the sliding bar(Diagram 5d), the climbing eye (Diagram 5e) with the hexagons as described in diagram 1 and 6c and fix it (screws included in delivery).
12. Connect the climbing net at the intended locations acc. to the Diagram 1 and 5b and place the flat steel on top of the foundation. Please fasten the parts using the screws included in the delivery.
13. Align the play equipment once more on the foundations.
Note: The climbing net should be placed with tension.
14. Drill holes into all foundations and screw the play equipment into the foundations with the included heavy-duty dowels.
15. Fill up and compress the holes between the foundation and the foundation hole with the excavation.

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Item-No. 51 7525 601

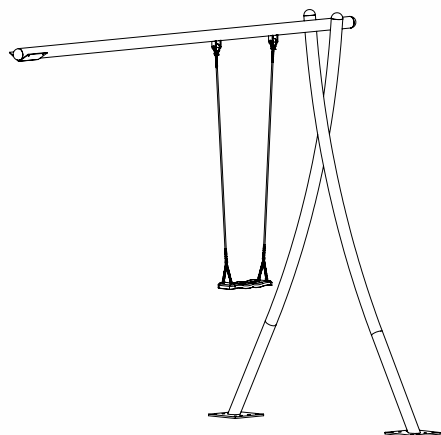


Diagram 5a: Attachment part, swing

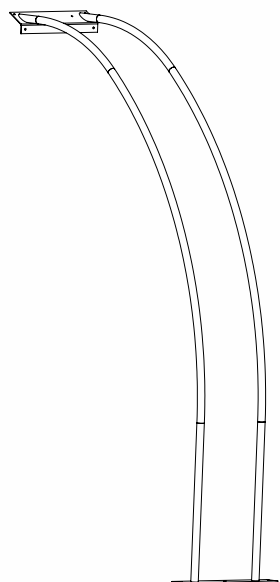


Diagram 5d: Attachment part, sliding bar

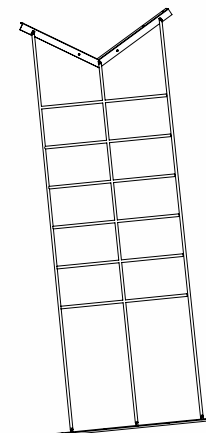


Diagram 5b: Attachment part, climbing net

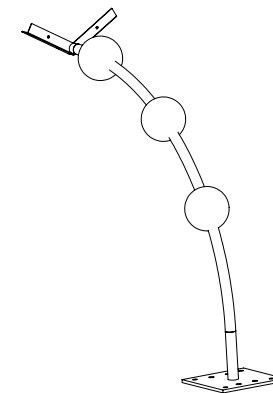


Diagram 5c: Attachment part, climbing bow

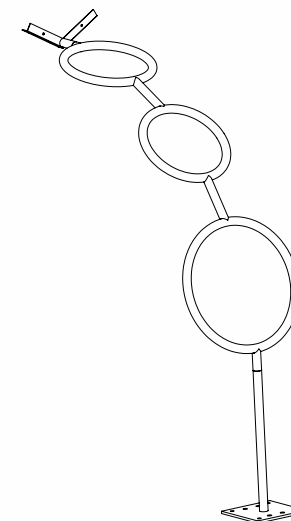
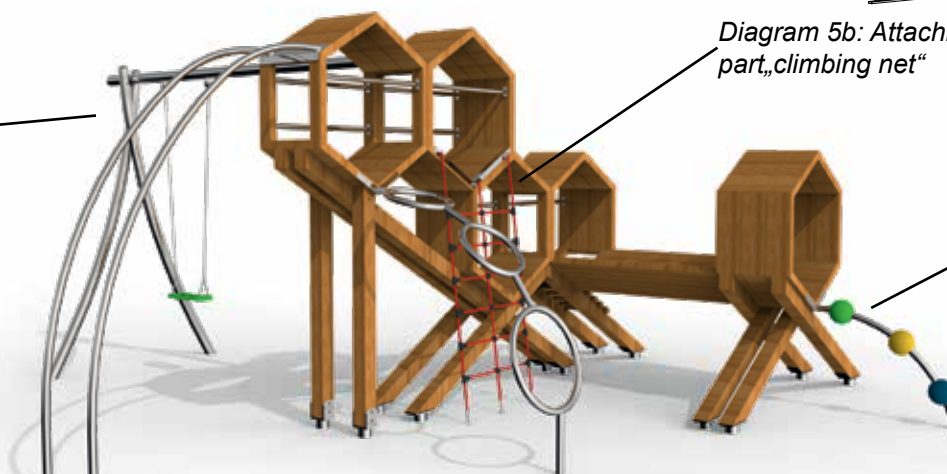


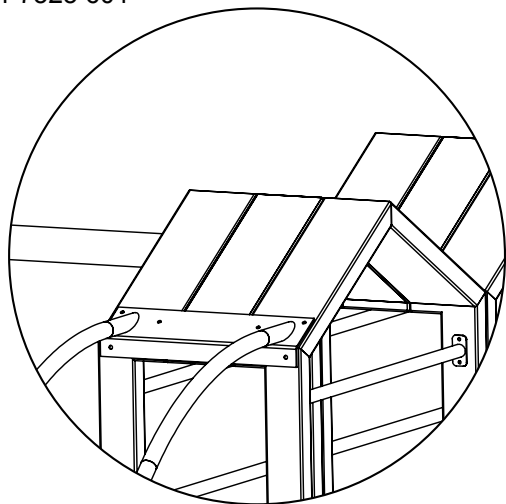
Diagram 5e: Attachment part, climbing eye



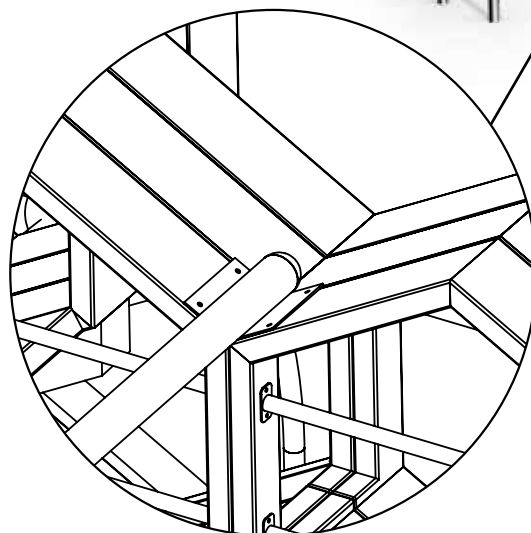
Mounting instruction large play equipment „angulus 5“

Connection of the elements

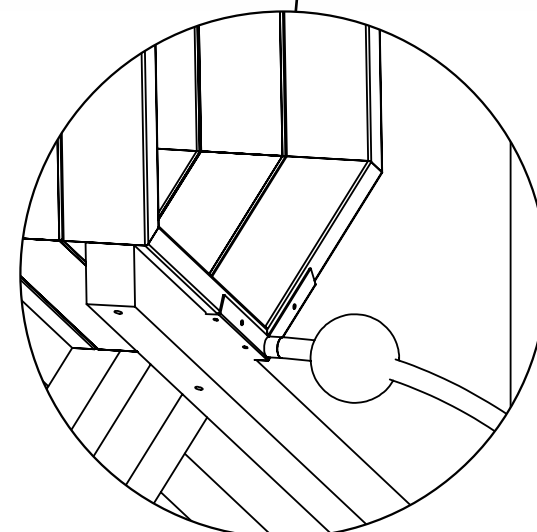
Item-No. 51 7525 601



*Diagram 6a: Attachment
part „sliding bar“*



*Diagram 6b: Attachment
part „swing“*



*Diagram 6c: Attachment
part „climbing bow“*

Mounting instruction large play equipment „angulus 5“

Item-No. 51 7525 601

16. Seal the foundation with the safety cover required for the height of fall indicated.

Critical drop height: 1700 mm.

Recommended surface material: sand, wood chip, gravel, synth. fall protection.

17. Do not allow children to use the equipment before the installation has been finished.
18. After 3 months, check the screws at the joints and retighten them if necessary.

Attention: If the play equipment has been incompletely installed or partly dismantled when carrying out maintenance and repair work, this may lead to particular risks of injury for the user. For this reason, make clearly visible that the equipment shall not be used in such cases.

NOTE: Play equipment, which contain components made of stainless steel should not come with „normal“ steel parts in contact. Those steel parts may rub off and leave small steel particles in combination with moisture brown rust stains. If such corrosion occur on stainless steel parts, they are fine to remove with an abrasive (240 grit).

Please take care when transporting and setting up the fact that the components are made of stainless steel with no „normal“ steel parts in contact.

In order to preserve a good visual appearance of your stilum playground equipment over a long period one should take care of maintenance of the stainless surface even despite of their corrosion resistance.

Especially areas, which can not be reached by rainfall, should be frequently cleaned from dirt and deposits due to air pollution and dirt caused by the atmosphere. Light soiling can easily be removed by using a high pressure cleaner. For persistent deposits use a clean cloth moistened with a special liquid cleaner (e.g. on phosphoric acid) and rinse off with clear water after a short application time. During cleaning with mild abrasive components, only wipe over stainless steel surface in polishing direction. For heavily soiled surfaces, polishes can be used (e.g. for cleaning chrome on cars) or for greasy and oily dirt alcoholic cleaning agents and solvents (e.g. ethyl alcohol, isopropyl alcohol or acetone).

However, it should be noted that the dissolved soiling is not spread over the surface again. Do not use any chloride or hydrochloric containing cleaning products nor scouring powder, bleaching - or silver polish cleaner. Cleaning intervals depend on type and degree of soiling as well as on demands made on optical characteristics. Therefore cleaning is advisable at intervals of six to twelve months – whereby in the case of strong soiling it is appropriate to clean the playground equipment at intervals of 3 to 6 months.