

Mounting instructions for cableway „funis“

Item No. 517021101

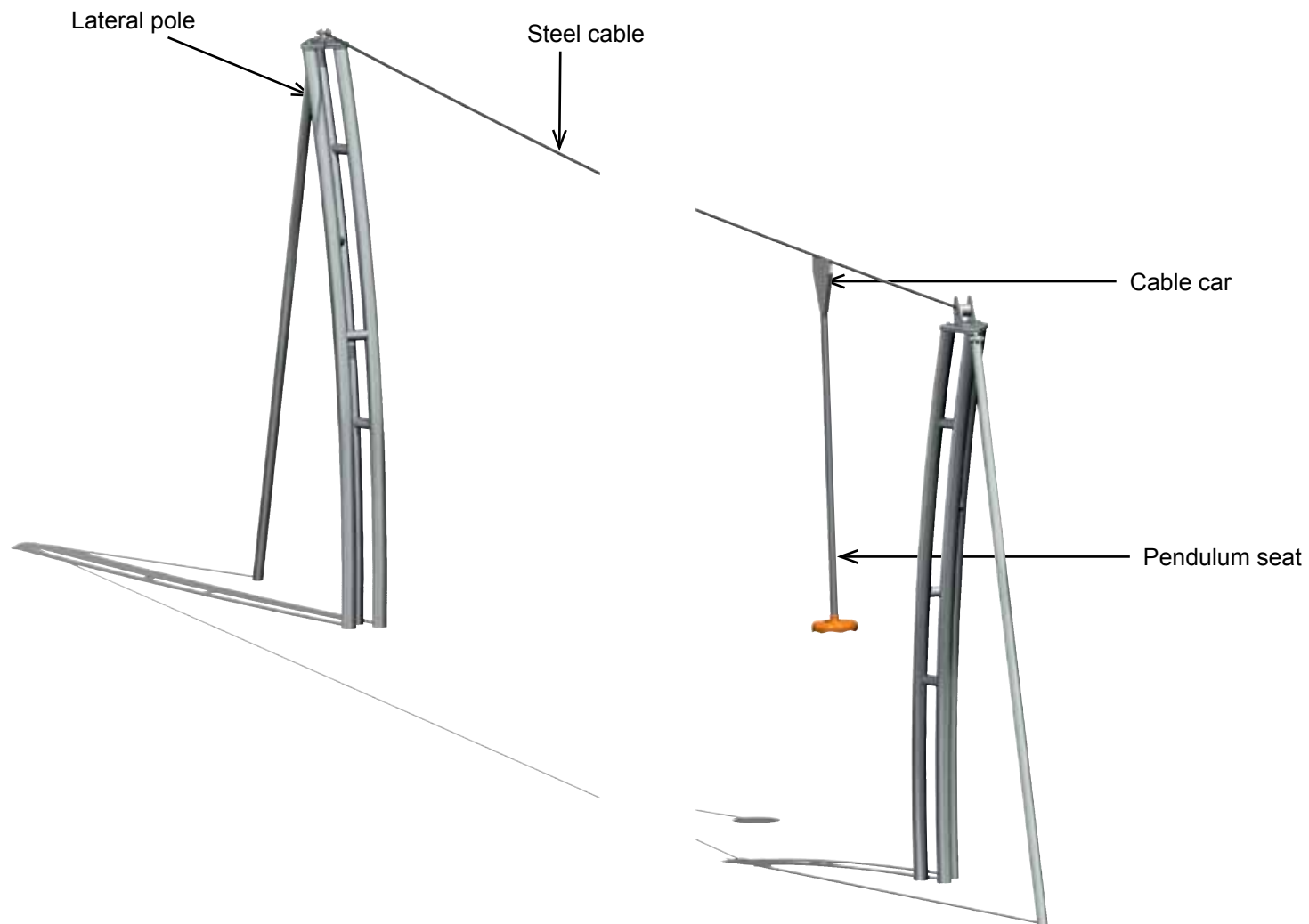


Diagram 1: Overall view of play equipment with description of individual elements

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Foundation

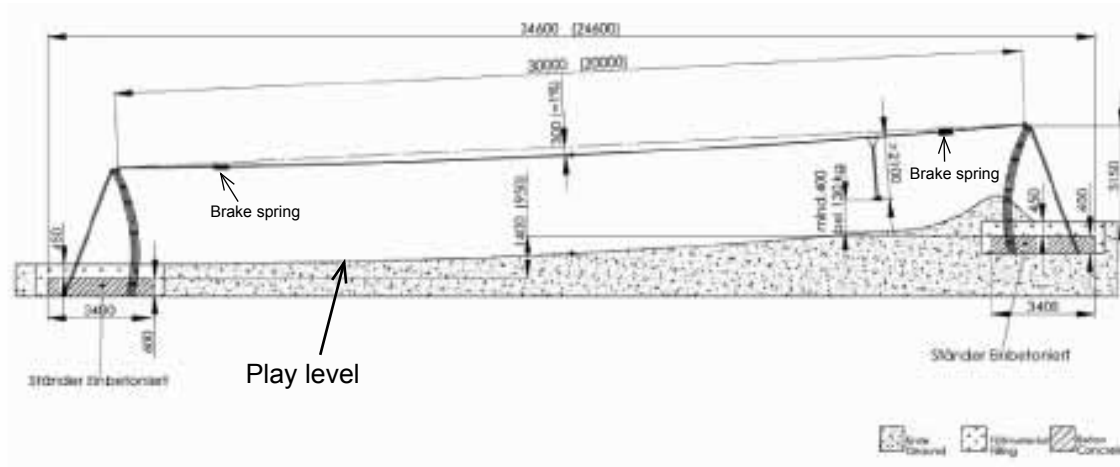


Diagram 2: Side view with dimension details of „funis“



Diagram 3: Top view

Extent of the minimum zone =
safety area

1. Select the play equipment location in consideration of the required safety area (see Diagram 3: 34000 x 4000 mm).
2. Carry out excavation work for 2 foundations as shown in Diagram 2.
3. After excavation, compress the foundation floor. **Note:** The cableway is only available with an installation depth of 450 mm. Pay attention to items marked „game level“ of play equipment!
4. Set up concrete foundations in the dimensions indicated (LxWxH 3400 x 1200 x 600 mm) and integrate reinforcement as shown in the plan (see plan) in the quality class B 25. Insert the pre-mounted cable car into the foundations in accordance with the dimensions indicated. Make sure that the concrete between the tubes of the poles is also compressed properly (see Reinforcement Plan).
No warranty for damage to backwater or condensation in the tube. Adequate drainage in the foundation is necessary.
5. Align the cable car horizontally and vertically and keep it supported until the foundations have completely set. **Note:** Do not allow children to use the cable car as long as it is supported.
6. After a setting period of 10-14 days - depending on weather conditions and foundation size - seal the foundation with the safety cover required for the height of fall indicated. Set up impact-absorbing playground surfacing according to EN 1177 HIC 1000.

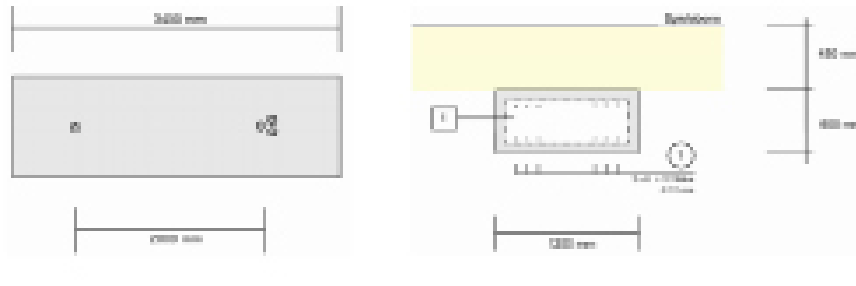
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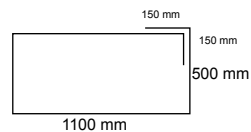
Reinforcement Plan

C 25/30, XC 2, XF 1, 3400 / 1200 / 600 mm mit Mindestüberdeckung (Sand) 450 mm

Reinforcement cage Bü.-Ma. R 188 A, with 6 bars \varnothing 12 mm above and below, provide case for supports or embed one directly in concrete



1 2 x 1500 mm = 3 x BüMa R 188 A, 2150 x 3500 mm



1 2 x 12 = 24 bars \varnothing 12 mm, l = 3800 mm



Diagram 4: Reinforcement Plan

7. Mould the area around the equipment as shown in Diagram 2.
Recommended surface material: grass, sand, bark mulch, gravel, synth. fall protection. (Critical drop height \leq 1000 mm)
8. Fasten the rope to the eyelet and hang in the brake springs (brake spring at the exit: 3000 mm – brake spring at the start: 1000 mm) and the cable car.
Mount the chain tightener, screw the rope onto it and tighten the rope by turning the chain tightener (rope sagging of 1% - max. 2%).

9. Important note: Minimum distance of seat (with load) to ground is 400 mm!

10. The brake spring at the exit has to be fixed in such a way that with a load of 130 kg on the seat and with a deflection of 45° a barrier-free space of 2.00 m is still guaranteed (see Diagram 5).
11. Hang the swing seat into the cable car and fasten it with screws.
12. Do not allow children to use the equipment before the installation has been finished.

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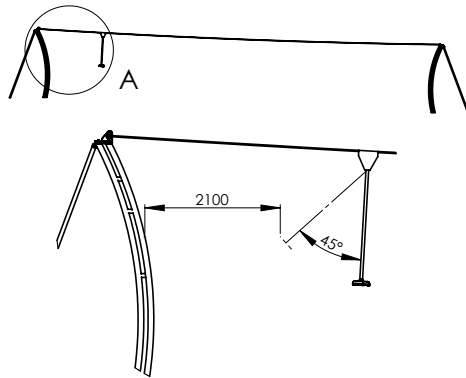


Diagram 5: Installation brake spring

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 with an abrasive (240 grit) to remove.

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 chlorid 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 six months.