Mounting instruction cableway „agila“

Item No. 51 7022 401

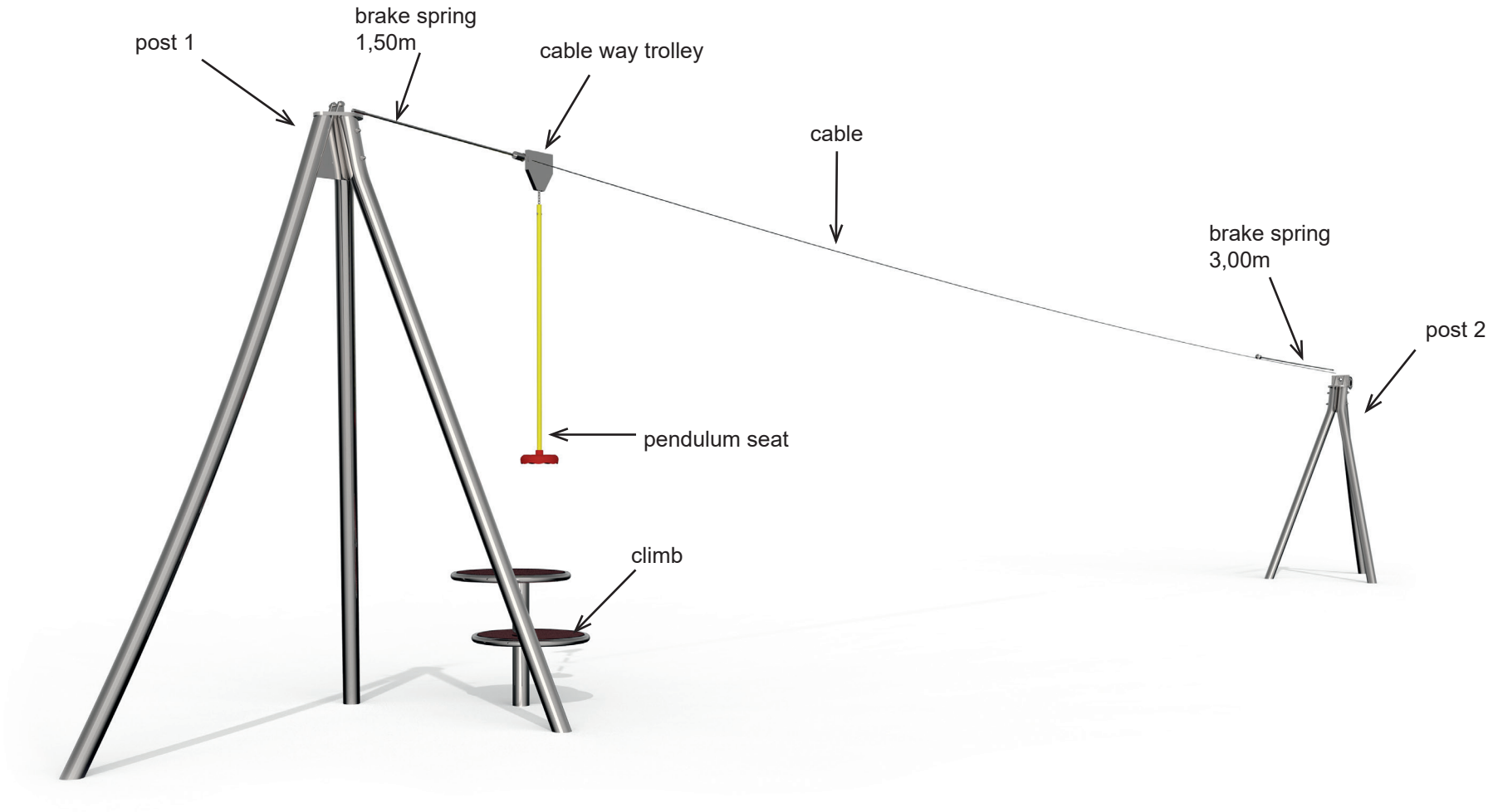

Diagram 1: Overall view of the play equipment

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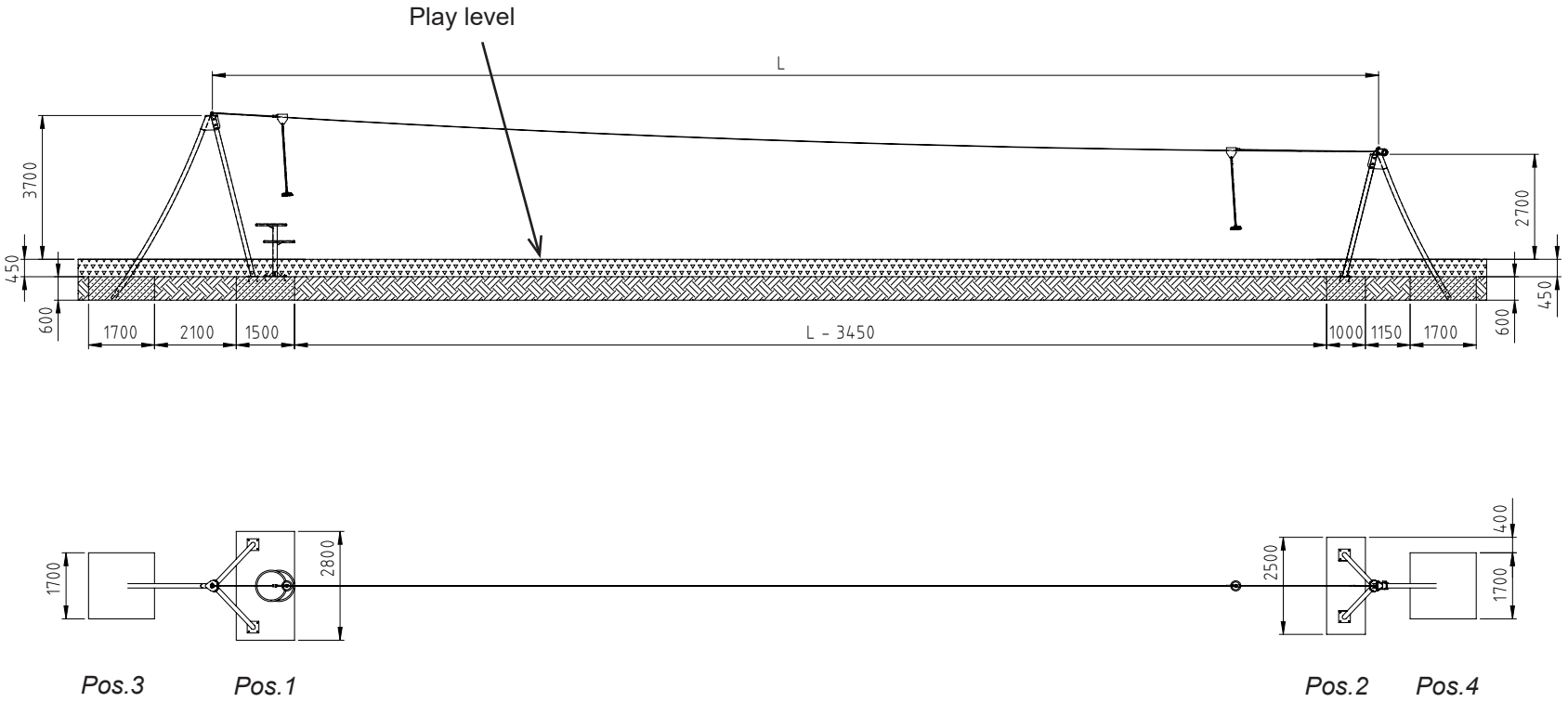

Diagram 2: Foundation plan

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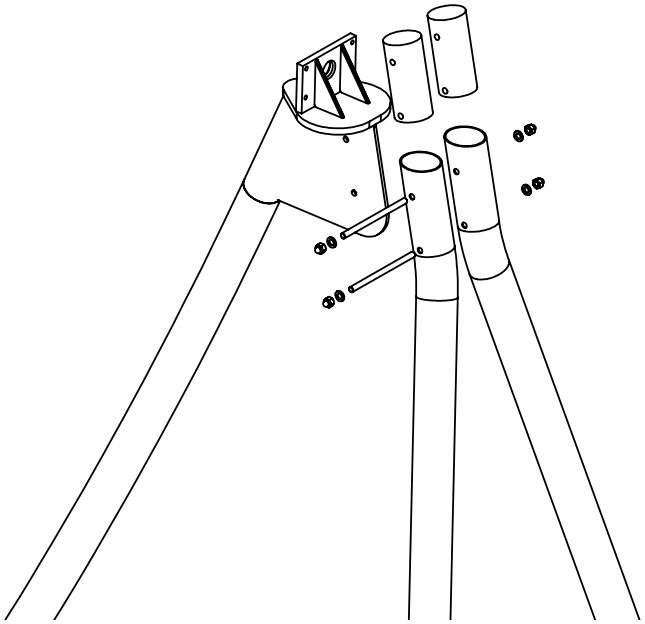

Diagram 3: Mounting

The cable car is available in lengths L = 20m, 25m, 30m, 35m

1. Select the location of the play equipment taking into account the required minimum space (see diagram 4).
2. The impact area of a playground equipment with an enforced movement is not allowed to overlap the impact area of other equipment.
   According to DIN EN 1176-1, 4.2.8.5.2 shock-absorbing floors must be made on the entire impact area of every equipment that cause forced movement.
3. Carry out excavation work for the foundations as shown in diagram 2.
   After excavation compress the foundation floor.
   Note: The cableway is only available with an installation depth of 450 mm.
   The cableway is installed at play level.
   Pay attention to items marked „play level“ at play equipment!
4. Set up two concrete foundations acc. to diagram 2, Pos.1 and Pos.2 with reinforcement acc. to diagram 6 and 7 in the concrete quality class C25/30.
5. After a setting period of 10 - 14 days, depending on weather conditions and foundation size - clean the surface of the foundations.
6. Screw the shorter side support tube to the shorter, curved tubular post on the upper connecting plate with the threaded rods, washers and nuts (post 2). For reinforcement, insert the aluminum bolts into the support tubes and screw them together, see diagram 3.
7. Screw also the longer, side support tube with the longer, curved tubular post to the connecting plate using the aluminum bolts (post 1).
8. Place the front posts onto the foundation (Pos. 1 and 2 in diagram 2) and align. Screw the posts with the pedestal and the climb to the foundations with the included heavy-duty dowels.

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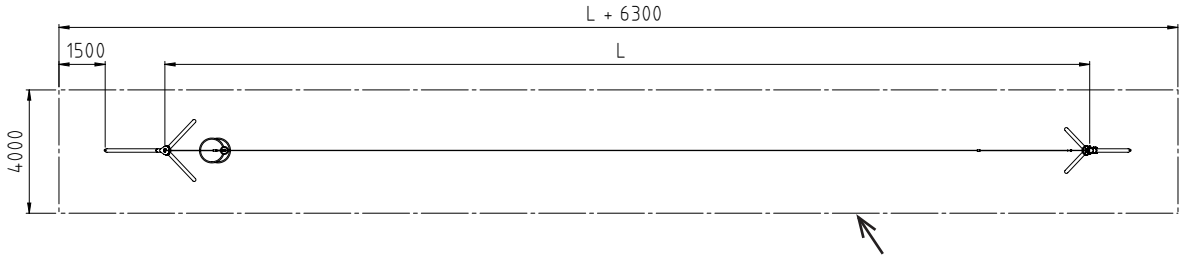

Diagram 4: Top view

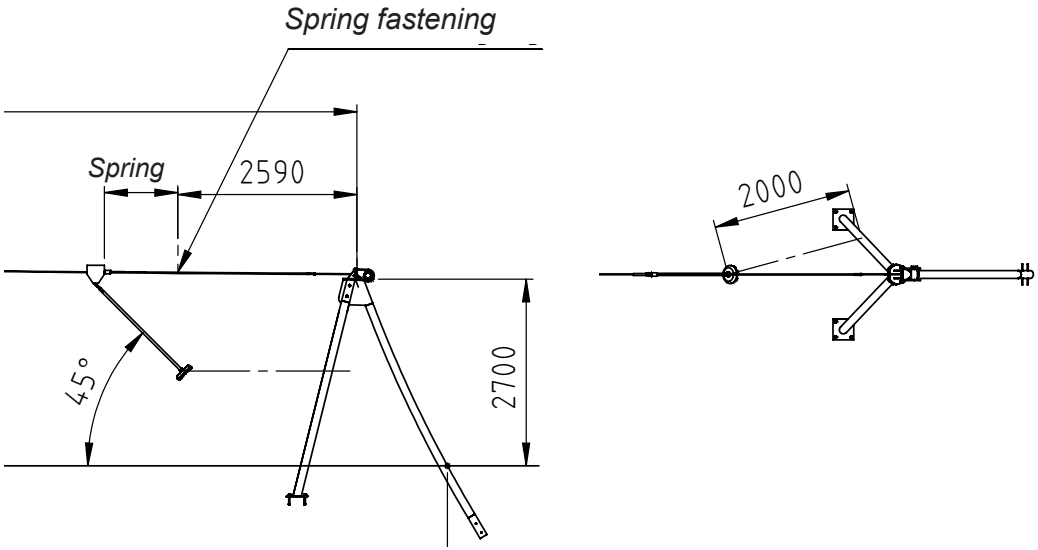

Diagram 5: Installation brake spring at the end

9. Pour the rear stainless steel tubes into the foundations (Pos. 3 + 4) with reinforcement acc. to diagram 8 in the concrete quality class C25/30. Support the tubes during the setting period of the concrete foundation. Please make sure that the concrete around the tubes is also compressed properly.
10. After a setting period of 10 - 14 days, depending on weather conditions and foundation size - fill up and compress the holes between the foundation and the foundation hole with the excavation.
11. Cover the entire impact area with fall protection according to the required drop height in accordance with EN 1176-1.
    Critical drop height 1700 mm
    Recommended surface material: sand, wood chip, gravel, synth. impact protection.
12. Fasten the cable eyelet with the support shaft between the shackles of post 1 and fasten the brake springs (brake spring at the start: 1500 mm - at the end: 3000 mm) and the cableway trolley.
13. Mount the cable tensioner onto the post 2, thread and screw the cable and tighten the cable by wind up the cable tensioner (rope sagging of 1% - max. 2% rope sag).
14. **Important note: Minimum distance of seat with load about 69,5 kg to ground is 350 mm!**
15. The brake spring at the end is to be fixed in such a way that with a load of 69,5 kg on the seat and with a deflection of 45° a barrier-free space of 2.00 m is still guaranteed (see diagram 5). The distance to the cable tensioner is 2590 mm.
16. Attach and screw the pendulum seat into the cableway trolley.
17. Do not allow children to use the equipment before the installation has been finished.

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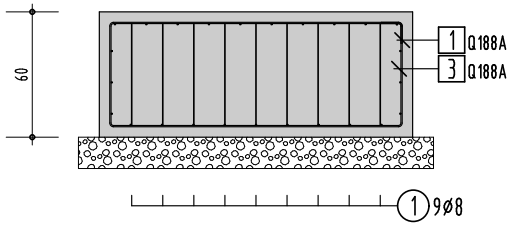
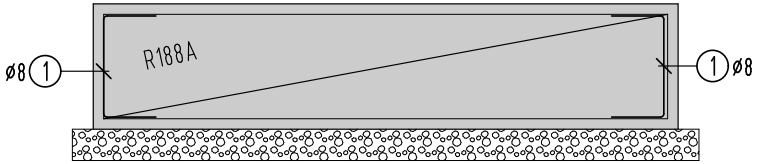
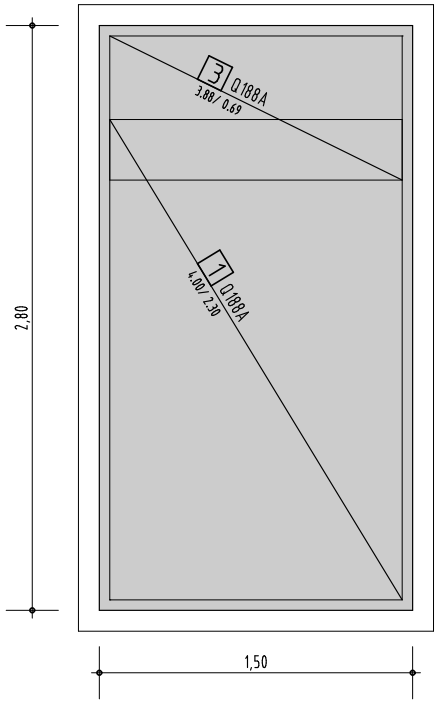
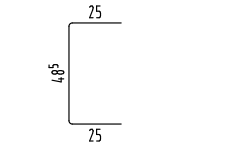


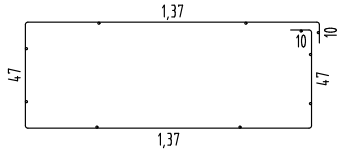


Top view

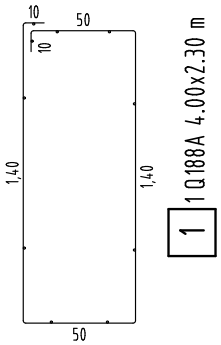




1 2×9=18ø8;Lg=0.99m



3 1 Q188A 3.88x0.69 m



1 1 Q188A 4.00x2.30 m

BSt 500 S(A)				
Pos.	Anz.	ø	Länge	Bem.:
1	18	8	0.99	

Gesamtgewicht 7.039 kg

Mattensummenliste				
Pos.	Anz.	Bez/Typ	Breite	Länge
1	1	Q188A	2.30	4.00
3	1	Q188A	0.69	3.88

Gesamtgewicht 35.869 kg

Concrete cover 5 cm

Concrete: C25/30 XC2, XF1, WF

Diagram 6: Reinforcement plan Pos.1

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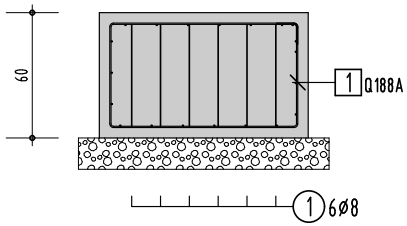

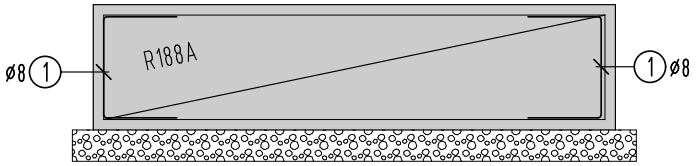

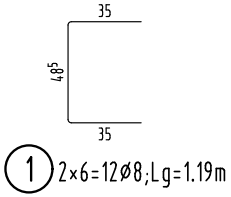

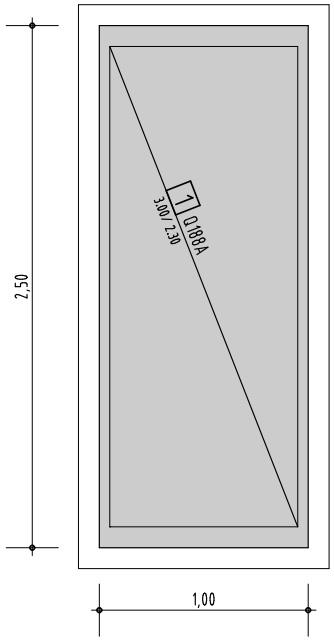

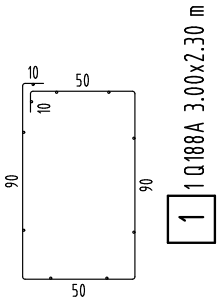

BSt 500 S(A)					Mattensummenliste				
Pos.	Anz.	ø	Länge	Bem.:	Pos.	Anz.	Bez/Typ	Breite	Länge
1	12	8	1.19		1	1	Q188A	2.30	3.00
Gesamtgewicht 5.641 kg					Gesamtgewicht 20.838 kg				

Concrete cover 5 cm

Concrete: C25/30 XC2, XF1, WF

Diagram 7: Reinforcement plan Pos.2

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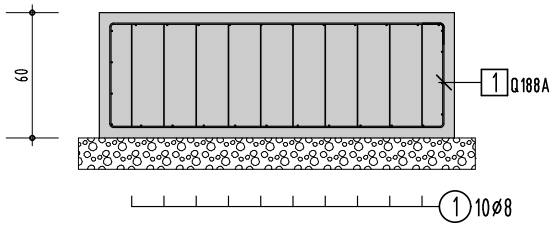

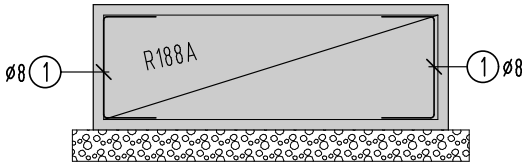

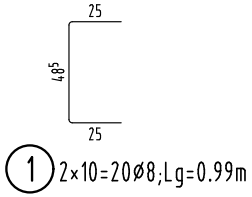

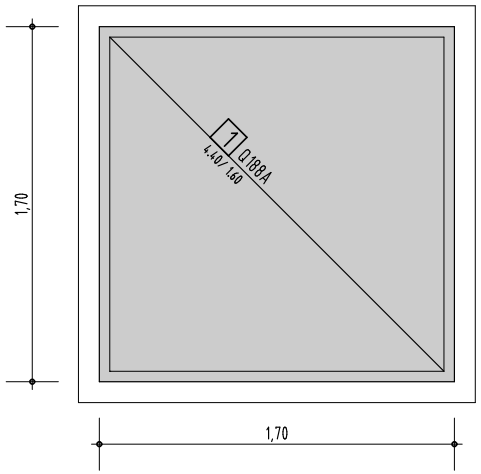

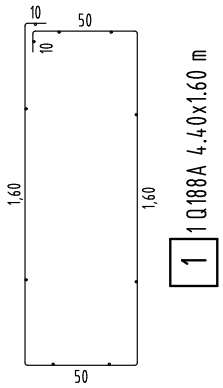

BSt 500 S(A)					Mattensummenliste				
Pos.	Anz.	ø	Länge	Bem.:	Pos.	Anz.	Bez/Typ	Breite	Länge
1	20	8	0.99		1	1	Q188A	1.60	4.40
Gesamtgewicht 7.821 kg					Gesamtgewicht 21.261 kg				

Concrete cover 5 cm

Concrete: C25/30 XC2, XF1, WF

Diagram 8: Reinforcement plan Pos.3 and 4

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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 romoved 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 three to six months.