

Mini nestswing set 100 cm

Art.No.: 7910 / 7911

Installation- and maintenance manual



Index

- 1. Bill of material 2
- 2. Technical data and notes..... 3
- 3. Installation..... 3
- 4. Dimensions 5
- 5. Safety- and usernotes..... 7
- 6. Changes 7
- 7. Parts 8
- 8. Maintenance manual.....12
- Work documentation15

1. Bill of material

2 post steel Ø 114,3x4x2300 mm, powder coated, with lid

1 nestswing complete with suspension

2 hinge complete mounted

Not included in delivery but needed:

4pcs reinforced steel mat R 188 A 1100x1100 mm, all bent to a basket with 240 mm high sides. 2pcs with a hole for the post.

2. Technical data and notes

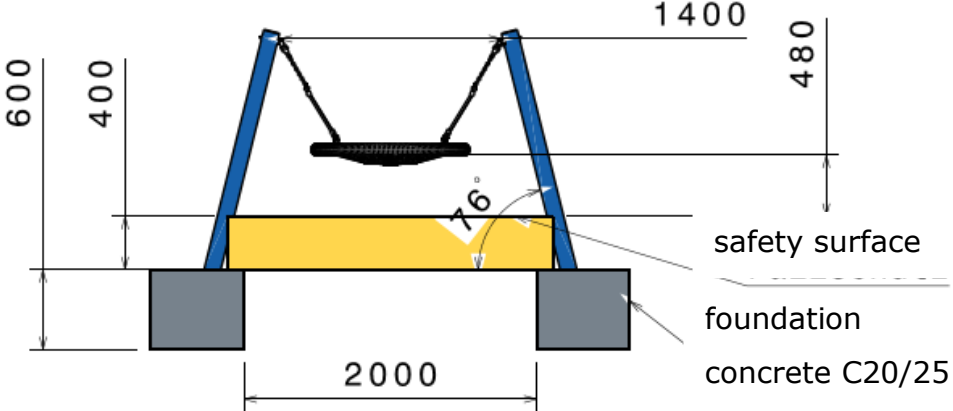
- Impact surface (LxW): 6000x2250 mm
- Maximum fall height: 1400 mm
- Fall area (LxWxH): 6000x2250x1400 mm
- Kind of usage : standing/sitting
- Required free space: radius 820 mm around the sitting surface
1800 mm above the sitting surface
- Device space (LxWxH): 1200x2700x1400
- Dimensions shipping (LxWxH): 2350x1050x400 mm
- Weight complete: 83 kg
- Age restriction: 3 years
- Intended age group: 3 to 10 years
- Number of user: 6
- For a maximum fall height of 1400 mm safety surface must be according to EN 1176-1:2008 4.2.8.5 table 4.
- Spare parts for Nestswing have to be purchased from the manufacture only.
- Take care of the minimum height of 400 mm for the ring above playground level. Take care suspension points have a distance of 1900 mm.
- Certificated: AfPS GS 2014:01 PAK
DIN EN 1176-1:2017
DIN EN 1176-2:2017

3. Installation

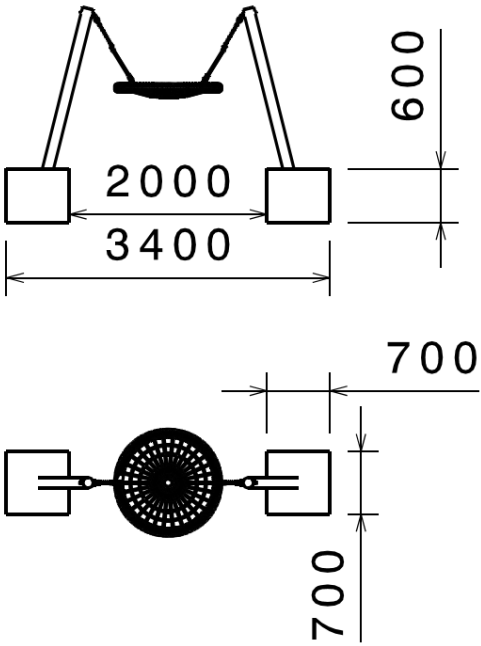
- Dig pit 700x700x1000mm (LxWxD). For detailed measurement check chapter 4.

- Fill in 40 mm concrete in pit.
- Insert reinforcing steel mat, bent as a basket. Opening upwards. 2 insert baskets with opening facing down, overlapping sides 240 mm.
- Cut hole for the post if necessary.
- Bring in another 110 mm concrete and let complete harden.
- Determine the centre of the foundation and place posts. For the inclination of the posts to each other is a wooden board in appropriate length.
- Check that hinges are facing each other.
- Bring in another 110 mm concrete
- Let concrete harden complete.
- Install safety surface
- Install swing with chain ends to the hinges.

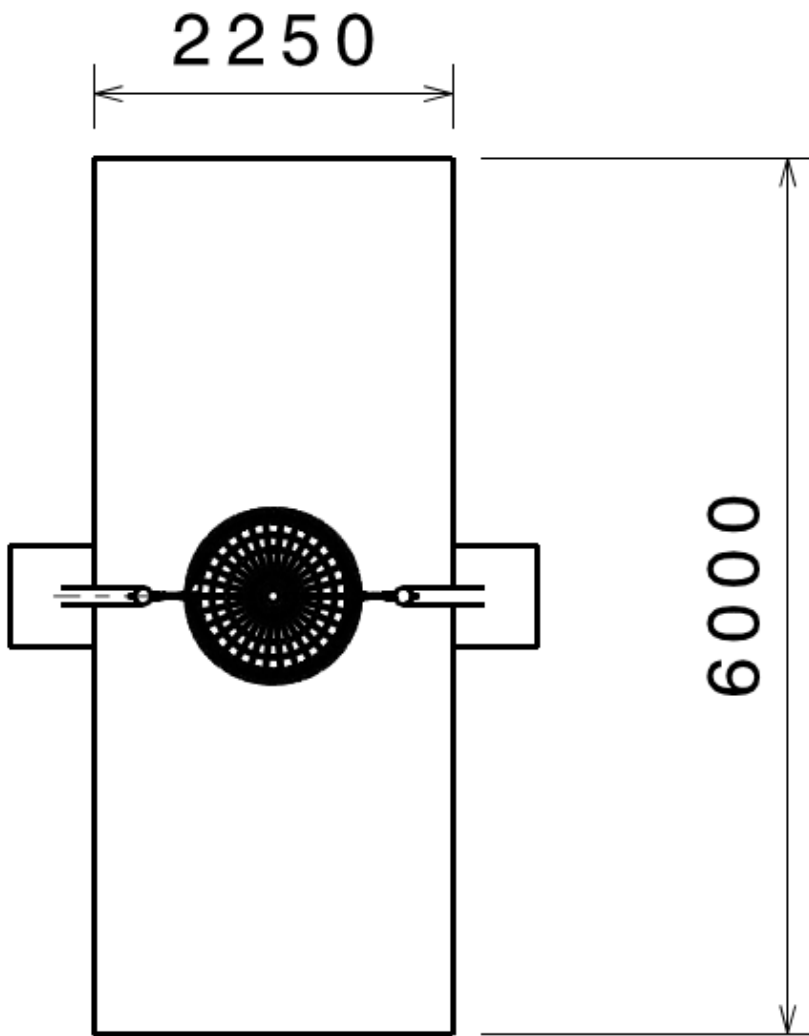
4. Dimensions



Drawing 1: Cut through installed Nestswing Set



Drawing 2: Top and front view foundation



Drawing 3: Top view

5. Safety- and usernotes

- No fire, open light, burning cigarettes or similar, no knives or other sharp items
- No food or drinks
- No alcohol or drugs
- Shoes with flat sole
- Do not jump from nestswing or push other children

6. Changes

06.10.2016: new layout

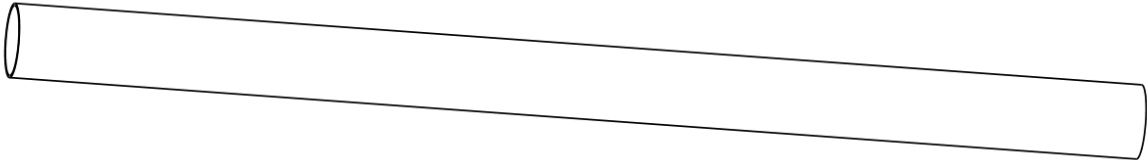
23.01.2017: new safety area

24.08.2018: new drawings

7. Parts

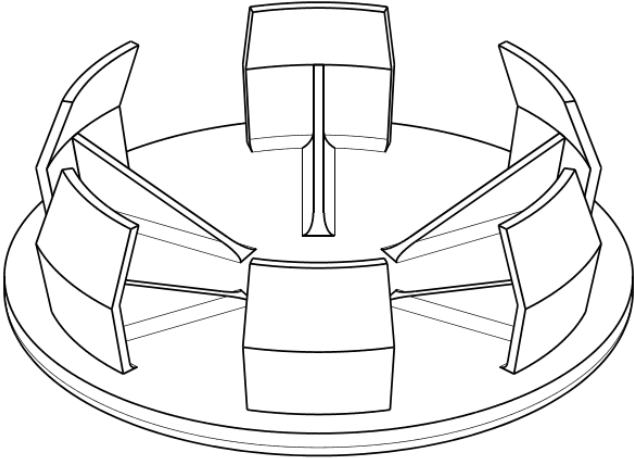
Post 2,30 m

Illustration can deviate



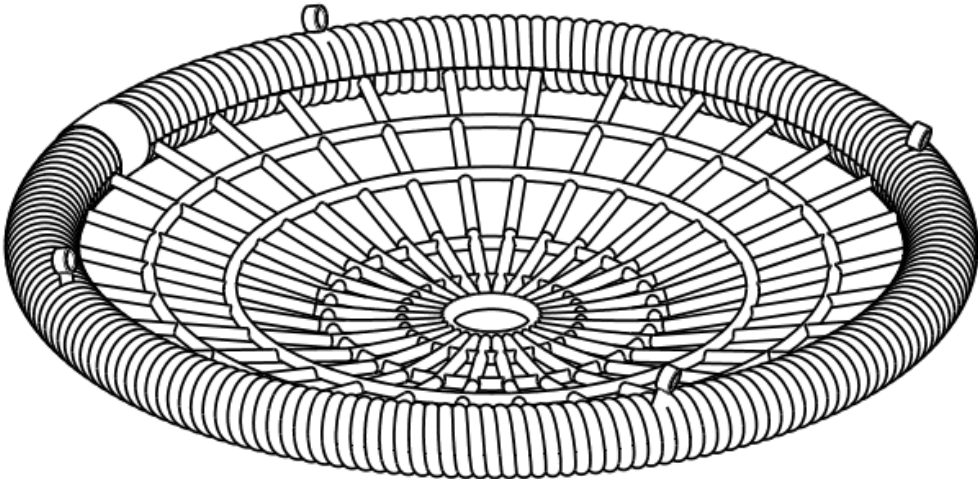
Lid D 114/1062 X 10/10

Illustration can deviate



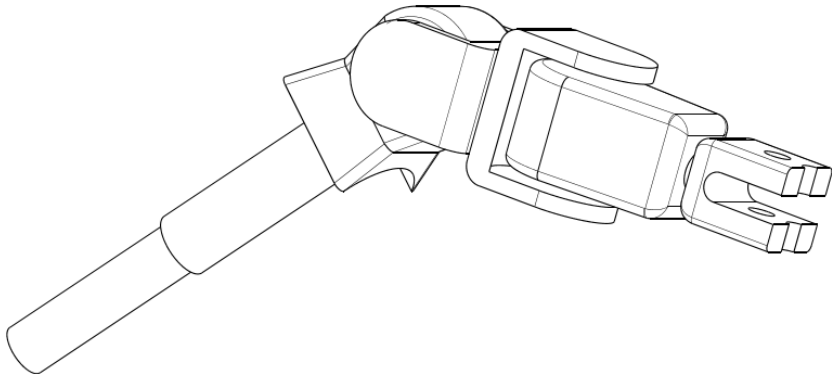
Nestswing

Illustration can deviate



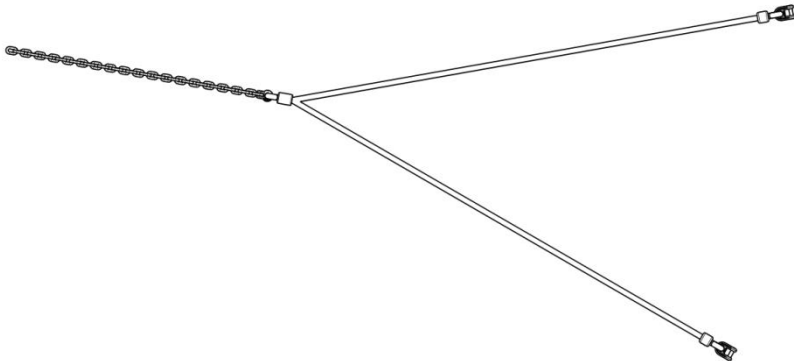
hinge

Illustration can deviate



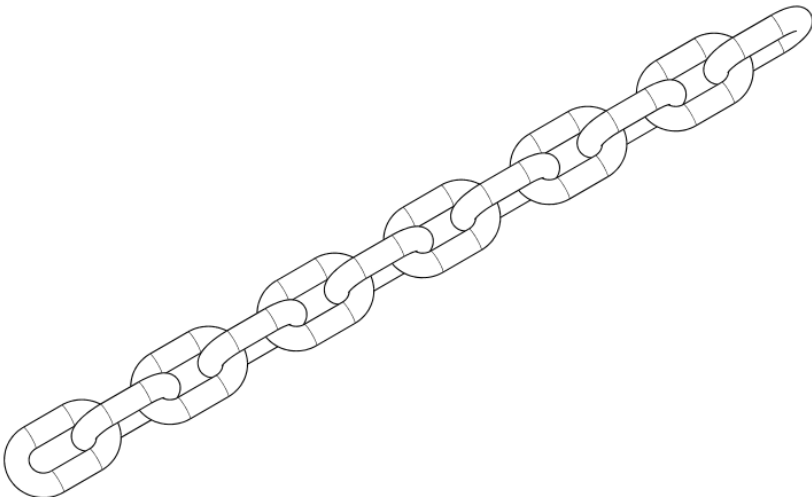
suspension

Illustration can deviate



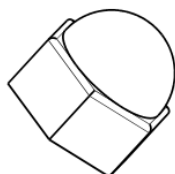
chain

Illustration can deviate



Nut M16

Illustration can deviate



Washer 17 mm

Illustration can deviate



8. Maintenance manual

Special Information:

- For heavily used or vandalized playgrounds, a daily inspection may be required.
- Control logs are to be kept.
- The checks must be carried out by knowledgeable staff.
- If safety-critical serious defects are detected during an inspection, they must be remedied immediately. If this is not possible, the system must be excluded from use, e.g. by decommissioning or dismantling.
- If a piece of equipment needs to be removed, e.g. for maintenance or repair, all anchors or foundations remaining in the ground should be removed or covered with covers. The device should be locked for use.
- It has been shown that one post items can pose higher risks to their stability; the stability test should therefore be carried out at least twice a year.
- The strength of the screw connection must be checked no later than 14 days after installation. Loose connections need to be tightened.

Maintenance manual	1 to 3 weeks (visual inspection)	1 to 3 months (operational inspection)	1 time per year (main inspection)
<i>All steps could also be necessary more often depending on the location / external influences</i>			
Check for loss or vandalism.	X	X	X
Check the surfaces of metal and plastic for sharp-edged elements, scratches, cracks or similar and, if necessary, grind or renew.	X	X	X
Replace missing parts.	X	X	X
Remove dirt and other objects (stones, broken glass, etc.).	X	X	X
Check moving parts for easy operation.		X	X
Check the coverage of the foundations.		X	X
Check all fasteners and attachments for tightness and loss, tighten or replace.		X	X
Check screw connection and tighten if necessary.		X	X
Check ropes and rope connections for tightness and loss.		X	X
Maintenance manual	weeks (visual inspection)	months (operational inspection)	per year (main inspection)

<i>All steps could also be necessary more often depending on the location / external influences</i>			
Testing the stability of the device.		X	X
Check for traps.		X	X
Testing the fall protection coating.		X	X
Expose stand posts to the top of the foundation and check for corrosion.		X	X
Clean complete game device.			X
Check chain links for abrasion (1/3 maximum permissible).		X	X
Check ground clearance.		X	X

