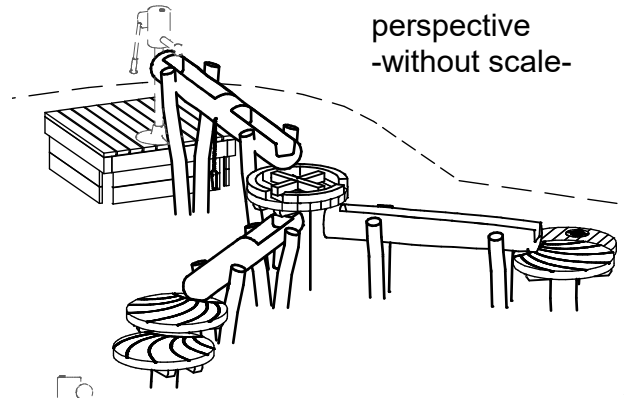
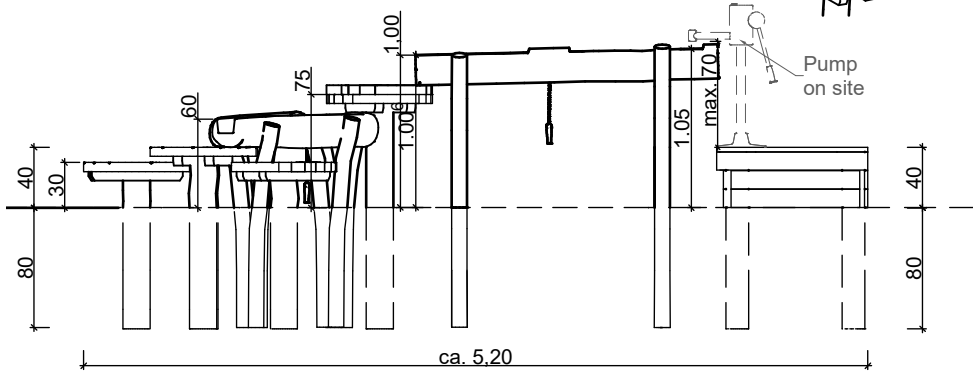


# Water play unit »Seashell«

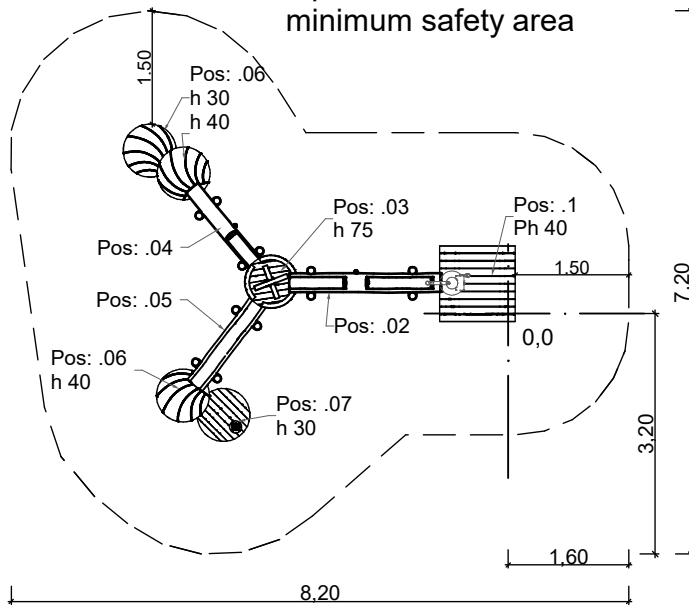
perspective  
-without scale-



view  
scale 1:50 m,cm

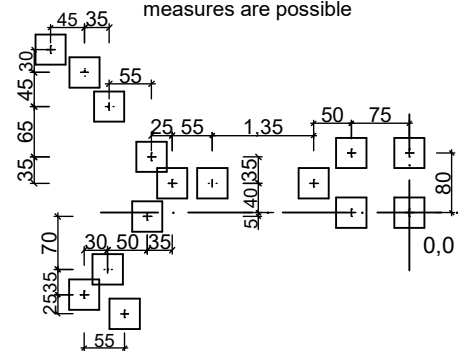


topview with  
minimum safety area



foundation plan  
check measurements  
on building site

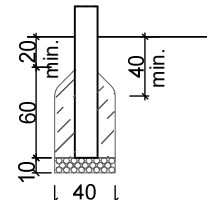
because of crooked trees different  
measures are possible



foundation detail

-without scale-


- minimum soil class III;  
check compression or  
make foundation bigger -



-colored design-



The minimum area must be free of obstacles to/on which the user can during his movement unexpectedly fall or crash. Hard and sharp objects, as well as trip-surfaces count as obstacles.

project:	Water play unit »Seashell«	scale:	A4; 1:100	page:	1/1
address:		date:	05.04.2019	freefall height:	max. 0,40m
editor:	V.Liehr	 Master enterprise of woodcarving handicrafts © SIK-Holzgestaltungs GmbH			
article ID:	8.05.28				
project ID:	assembly				

# ASSEMBLING INSTRUCTION

## 8.05.28 Water Play Unit "Seashell"

### Scope of delivery

Amount	Denomination	Measure
2	<b>water gutters at 80/ 70 kg</b>	150 kg
1	water tube	70 kg
1	pump platform	100 kg
1	mixing table with roundabout distributor	50 kg
3	baking tables at 45 kg	135 kg
1	mixing table with sieve	45 kg
<b>sum</b>	<b>approx.</b>	<b>550 kg</b>

All weights are approximate. The heaviest component is highlighted in bold.

### Tools

- spade, shovel, tape measure, spirit level, hammer
- socket wrench 17 / 19 mm, screwdriver with insert Torx Bit (TX 10-30)
- 2 persons (2 installers at 14 h), wheel loader with palette fork, mini excavators
- approx. concrete 1.2 m<sup>3</sup> C 20/25

### Assembling

- First, the playing surface (security area) should be measured, set the point (height) and the start point (platform) can be determined.
- Determine the foundation positions according to plan. **Measures are to be checked by the client/customer, because of the natural growth forms of the wood.**
- Digging holes, depending on the section for the unit and bringing in gravel shift 10 cm in order to prevent stagnant moisture.
- **Installation-hole (cut) on the stand posts are to consider.**
- Lift the platform, water gutters, water tube and tables one after another into the prepared holes to adjust by means of spirit level and make them solid.
- It has to be on a slight slope to water storage in the course of the gutter. Before creating the foundations a sample stream is carried out in order to make any corrections.

**Attention:** if not adequately secured play towers or attachment parts may **be tipping!**

- After everything is assembled and aligned, the foundation according to the drawing can be properly completed.
- After 3-5 days of curing time, tightening all screw joints which fill game surface again and clear the game surface for playing.
- Transportation braces and installation damage are to be removed after installation on site, grind and paint damaged areas.
- **Notice:** concrete needs about 28 days in order completely to harden.

### Security guidelines

During assembly and transport on site, play towers and/or attachment parts must always be adequately secured, either through technology or through attached transportation bracing.


**Required safety areas/ falling space around equipment are indicated on the installation drawings.**

Playground equipment with a potential height of fall of more than 600 mm and/or a forced movement require an impact attenuating/ shock-absorbing surface in the whole impact area below them according to the **EN 1176 and EN 1177**. (Non-shock-absorbing undergrounds are for example without limitation: bricks, stones, concrete, bitumen and wood.)

### Preventive maintenance instructions

**An operational check of the equipment must be carried out 2 weeks after installation.** Here the main attention should be paid to tight screw joints and stability. In general the equipment should be checked on a regular basis. A visual routine inspection should be carried out on a weekly basis. An operative inspection should be performed every 1-3 months and the general or main inspection has to happen on an annual basis.

We recommend to check stability of posts once a year and to expose foundations, let them dry and to repaint them also below ground level above the foundation with a solvent free glaze. **(Further information concerning maintenance can be found in our Checklist for Maintenance/ Inspection, in our General Maintenance Notes and also in our catalogues, as well as on our website [www.sik-holz.de/en](http://www.sik-holz.de/en))**

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