

# ASSEMBLING INSTRUCTION

## 2.15.18 Balancing Course "Humming Top"

### Scope of delivery

Amount	Denomination	Measure
1	<b>climbing post</b>	150 kg
6	posts at 50 kg	300 kg
2	posts at 30 kg	60 kg
6	balancing beams at 60 kg	360 kg
1	slanted net ascent with balancing rope and 2 ground anchor plates	15 kg
1	rope net ascent with 1 ground anchor plate	15 kg
1	floating wood	30 kg
1	monkey rope	5 kg
6	support ropes $\varnothing$ 18 mm at 2 kg	12 kg
4	balancing ropes $\varnothing$ 18 mm at 2 kg	12 kg
<b>Sum</b>		<b>approx. 959 kg</b>

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

### Tools

- spade, shovel, tape measure, spirit level, hammer and ladder
- 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 1.4 m<sup>3</sup> C 20/25

### Assembling

- 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.** To determine the position of the foundations, use the attaching parts.
- Digging holes depending on the section for the play unit and depending on the ground conditions a drainage layer, for example gravel layer 10 cm in order to prevent stagnant moisture.
- In the foundation area of the post is to follow the included steel reinforcement
- **Installation depths (cut) on the stand post are to consider.**
- Lift the posts one after another into the prepared holes, to adjust by means of spirit level and make them solid.


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

- Attaching parts one after another according to marking (Number on number and/or letter on letter / numbers indicate in brackets the screw length) mount.
- Information: Flexible attachments are to install with a slight sagging (please not too tight). To consider is the connection of the eye bolts in the direction of the pull of swing, bridge, nets and ropes. Please remove the nets and ropes –after the making of the concrete, if the use (the playing of the children) can not be excluded.
- 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 the assembly and transport to the site or attachment parts must play towers always be adequately protected, either through technology or through attached transportation braces.

***You take the case room for the game device from the installation drawing please.***

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Near game devices with a free drop height of more than 600 mm and/or an enforce move after **EN 1176-1:2008 4.2.8.5.2, bzw. EN 1177** must be shock-absorbing playground grounds in the entire strike field. (Than are not valid in a shock-absorbing way bricks, stones, concrete, bitumen and wood).


## Preventive maintenance instructions

The device is to be checked 2 weeks after his arrangement for flawless function. Basically attention should be paid in this case to screw joints and the stability.

The game device should once in the week of a visual routine – inspection as soon as once in the month a functional inspection is subjected to. Once per year the main inspection is to be carried out.

We recommend, to dig the device freely once in the year up to the foundations and to colour the equipment pieces with a solvent free herb varnish.

**(see also check list regular maintenance and the tips in the catalogue of the SIK-Holzgestaltungs GmbH)**

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