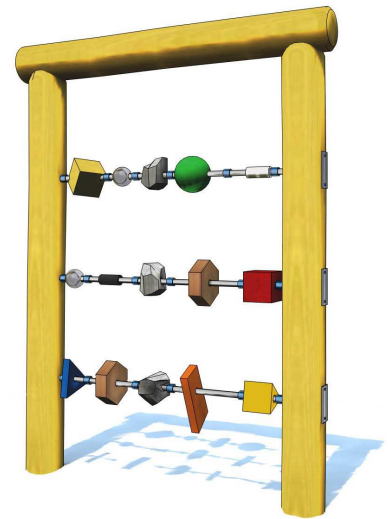
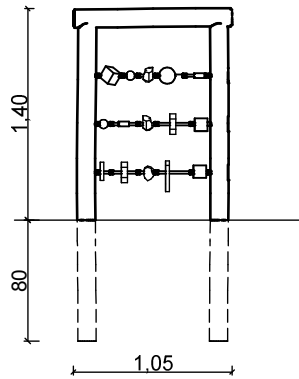
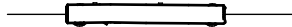


# "Abacus"

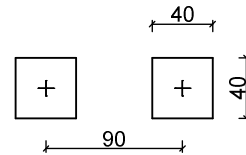
view



topview

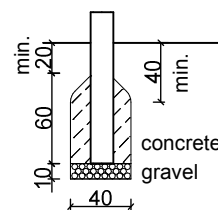


foundation plan  
check measurements  
on building site  
because of crooked trees different  
measures are possible



foundation detail  
-without scale-  
-minimum soil class III;  
check compression or  
make foundation bigger-

pole



project:	"Abacus"		
address:			
editor:	C. Krüger		
article ID:	7.150.3.8	date:	19.03.14
project ID:	assembly	scale:	A4; 1:100
		page:	1 / 1



# ASSEMBLING INSTRUCTION

7.150.3.8 **Abacus**

## Scope of delivery

Amount	Denomination	Measure
1	<b>abacus</b>	150 kg
<b>Sum</b>	<b>ca.</b>	<b>150 kg</b>

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

## Tools

- spade, shovel, tape measure and spirit level
- socket wrench 17 / 19 mm,
- screwdriver with insert Torx Bit (TX 10-30)
- 2 persons, wheel loader with palette fork
- approx. concrete 0,1m<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.**
- Digging holes for the state posts and bringing in gravel shift 10cm in order to prevent stagnant moisture.
- **Installation-hole (cut) on the state posts are to consider.**
- Lift the abacus 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!**

- Manufacturing foundations according to drawing.
- Transportation braces are to be removed after the arrangement provide by the client/customer.
- If the foundations have hardened readily, tightening all screw joints which fill game surface again and clear the game surface for playing.
- **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.***

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)**

