

Function and Play value

Three pendulums with spherical weights are suspended from a common axis high above the heads of the observers. The axis can be set in motion at any velocity by a rope according to the belfry principle. The correct rhythm for pulling the string and controlling the turning velocity of the axis making the spheres swing one after the other, can be found by careful trial and error. The length of the pendulum arms determines the amount of vibration and has been designed in a way that the result is a harmonic, integral relationship between the vibrations. In the same way that the tones of 3 different bells ringing together results in an accord the spheres also meet repeatedly for a short moment in a vibrational pattern. This moment is especially fascinating for the observer.

Suitable

- pedestrian areas
- parks

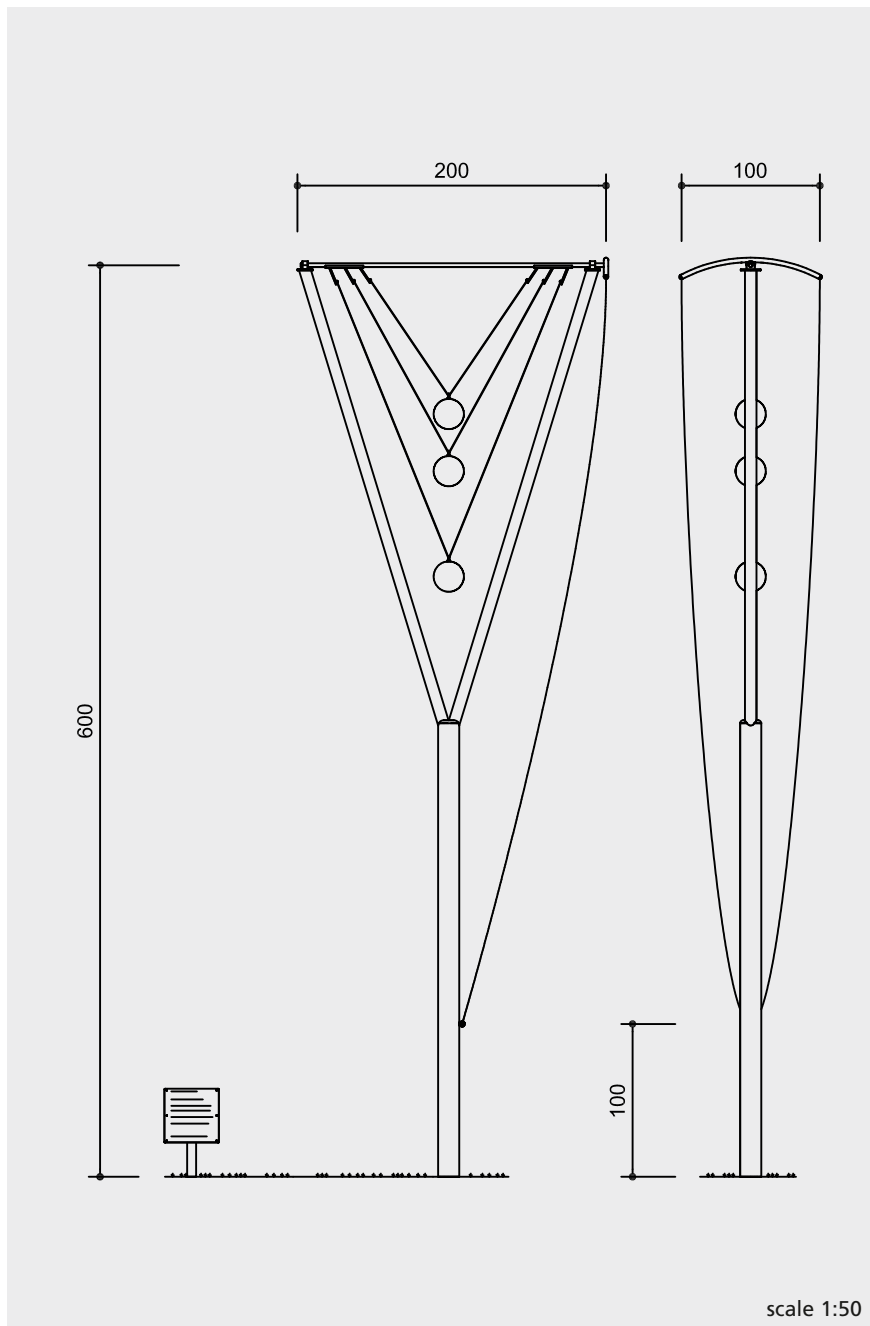


Three-Frequency Pendulum
graubner Play Stations for
 Developing the Senses

Vandalism	not vulnerable
Supervision	not necessary
Explanation Board	included
Installation	outdoors
Safety check (EN 1176)	has been completed
Installation in concrete	possible



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Technical information

frame made of stainless steel

surface blasted with glass beads

three heavy plastic spheres, suspended separately on stainless steel cable, to be set in motion by a bow with rope

support for Explanation Board made of stainless steel

Dimensions

(small deviations possible)

height	6.00 m
width	2.00 m
depth including bow with rope	1.00 m
weight approx.	170 kg

Components

- 1 complete piece of equipment with foundation anchor
- 1 Explanation Board with support

Installation information

Recommended space
5.00 x 3.00 m

Foundations
1 item 130 x 130 x 70 cm reinforced
blinding layer
1 item 130 x 130 x 5 cm
total excavation depth 115 cm
Explanation Board
1 item 40 x 40 x 40 cm
excavation depth 60 cm

Attention!
Exact measurements may vary, for all installation dimensions refer to current installation instructions.
Subject to technical changes!



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