

General hints:

A. Surfacing requirements

This piece of equipment is intended for children to play with, rather than on, and therefore has no intended body support. No free height of fall is thereby stipulated.

B. Foundations

Please see detailed instructions at the end of this document.

C. Attention

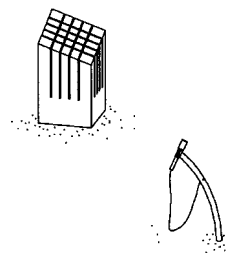
The polished stone is very sensitive to accidental scratching and should only be stored on a soft surface. Strong blows from the sides with heavy, hard objects (e. g. stone or hammer) may break off the cut out prongs.

Special information:

Please do not alter any parts of the equipment or the construction itself since this may affect the safety standards and your guarantee.

We reserve the right to make technical alterations!
For further information please call your local agent.

Stone Harp
Order no. 10.45000



Graubner Play Stations for developing the senses

Data for shipment:

Number of parts: 1

1 Tuning Stone with anchoring iron

Weight: 400 kg
Size: 0.35 x 0.35 x 1.10 m

En-EN 16.04.2007

Design: W. Graubner Copyright © Richter Spielgeräte GmbH

Required space including operational space:

Ø 300 cm

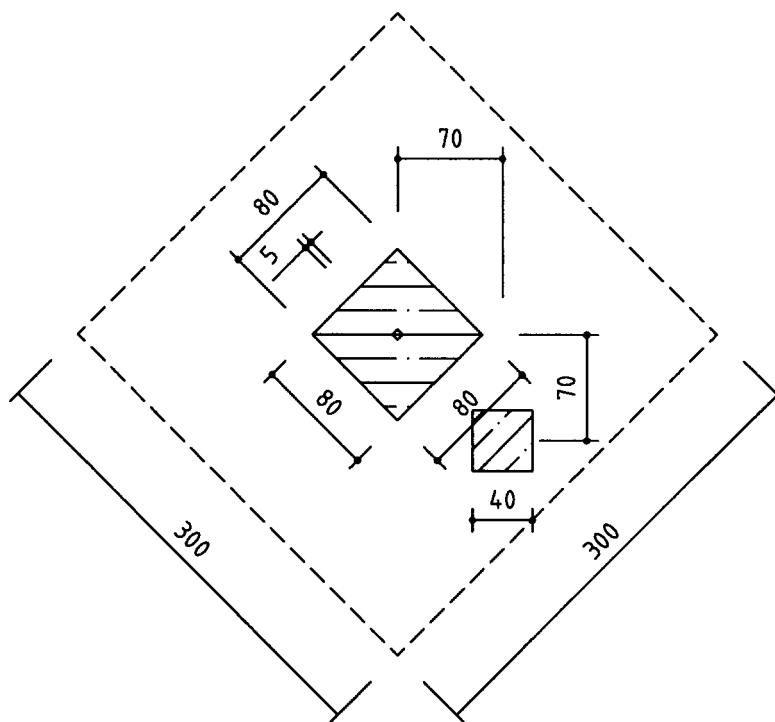
Ground elevation

Scale 1:50
all dimensions in cm

Foundation block

Quality of concrete C 25/30

1 piece 80 x 80 x 60 cm
with anchor hole 5 x 5 x 20 cm
Excavation depth 70 cm



Recommended assembly tools:

- Heavy lifting equipment, e. g. crane
- Raising harness / sling bands
- Quick setting cement
- Crow bar / heavy mallet
- 2 Timber beams 0.15 x 0.15 x 1.00 m
- Spirit level
- Strips of sheet metal for underpinning

Attention!

During the assembly period (including the setting of the concrete) it is not allowed to play on or put any weight on the equipment in order to secure stability during use after the assembly. Standard concrete requires at least 2 weeks to set.

Sequence of assembly operations for Stone Harp:

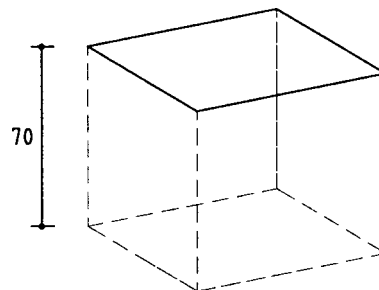
Please note page 3 for assembly of the support post for the beater.

1. Locate the site and take into account the space required, including the safety distances, according to the ground elevation on page 1.
2. Dig out the foundation hole.
3. Fill the foundation hole with concrete, tamp and level horizontally according to the sketch. Make anchor hole.
Please take into account the special sheet: Notes on the construction of foundations.
Let the concrete set.

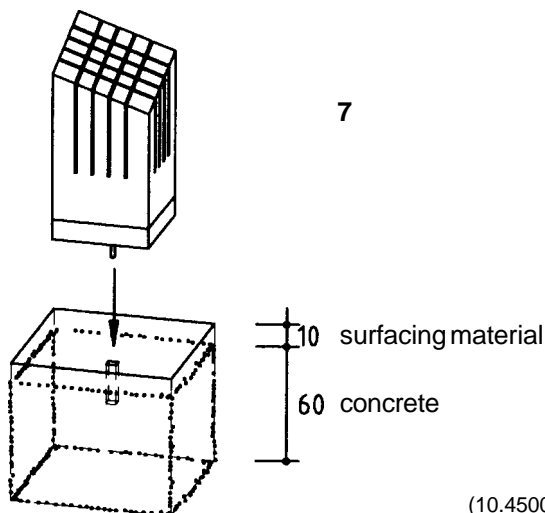
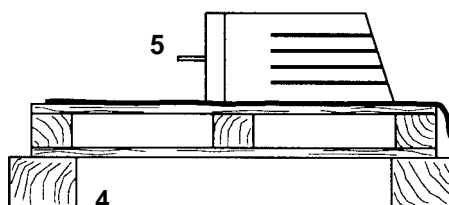
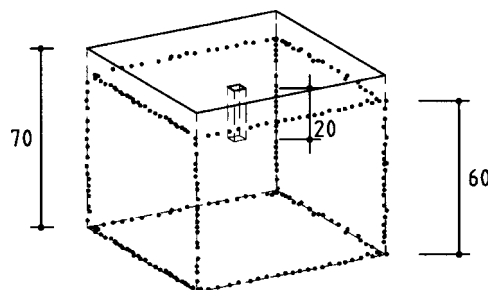
4. Rest the pallet on timber beams.
5. Set the anchoring iron into the Stone Harp using the quick setting cement.

6. Push the bottom end of the stone to the centre of the pallet, such that the anchoring iron slots in between the boards when the stone is put up. Erect the stone, put on raising harness and secure with suspension bands.

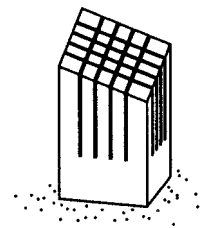
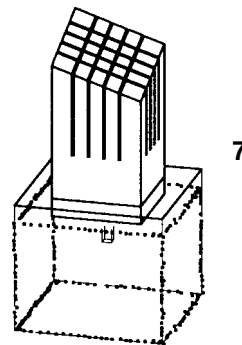
7. Fill / apply the opening in the foundation and the surface of the foundation with quick setting cement and lift the stone into position.



2, 3

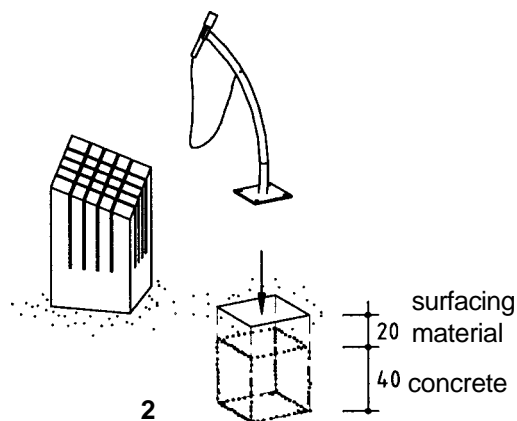


- 8. Cover the foundation up to ground level with surfacing material.
- 9. Repair minor damages caused during assembly or transportation.
- 10. Please ensure that all assembly aids, e. g. excess bolts, assembly instructions, distance battens or tape are removed entirely from the play equipment and the playground after work is finished.

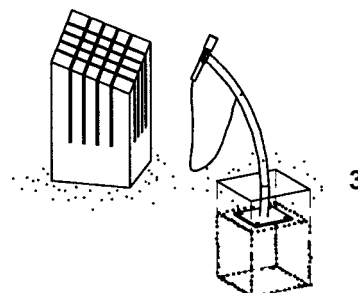


Sequence of assembly operations for the support post for the beater

- 1. Dig out the foundation hole.
- 2. Fill the foundation hole with concrete, tamp and level horizontally according to the sketch.
Please take into account the special sheet: Notes on the construction of foundations.
Allow the concrete to set sufficiently to take the heavy duty bolts.



- 3. Lift the Hammer with the support post onto the foundation. The bow has to run parallel to the stone's diagonal. Screw the equipment onto the foundation. Before fastening the screws align exactly vertically. If necessary, adjust by inserting strips of sheet metal.



- 4. Cover the foundation up to ground level with surfacing material.

- 5. Repair minor damages caused during assembly or transportation.

- 6. Please ensure that all assembly aids, e. g. excess bolts, assembly instructions, distance battens or tape are removed entirely from the play equipment and the playground after work is finished.

