

Produced by Tayplay (Structures) Limited

Special points of interest

Structural aluminium mast

16mm dia Nylon braided rope with steel re-enforcement increasing durability and vandal resistance

Stainless Steel fittings and connections for corrosion resistant longevity

Low maintenance

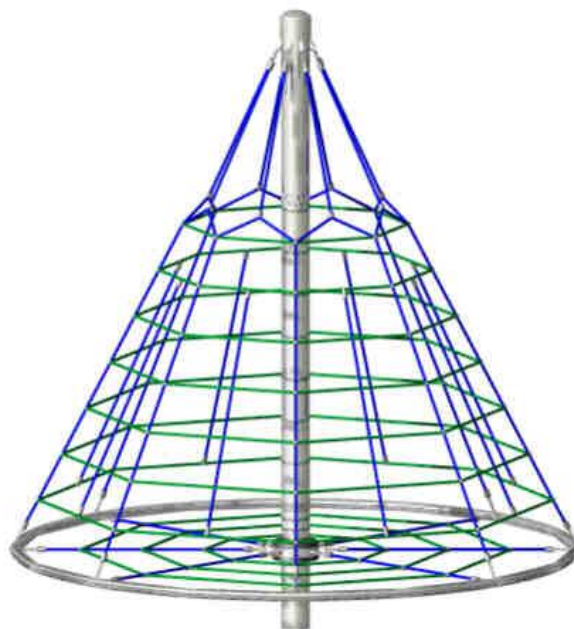
Product Overview

The CC3300 Cone-climber has been designed to be used by children from 3 years to 12 years of age and has been manufactured to exceed the European playground standard bs-en 1176-1(1998).

The following installation instructions should be adhered to in order that the equipment functions in a safe manner.

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Space Requirements & Safety Clearances

The requirements for space and safety clearances are extracted from bs-en 1176-1

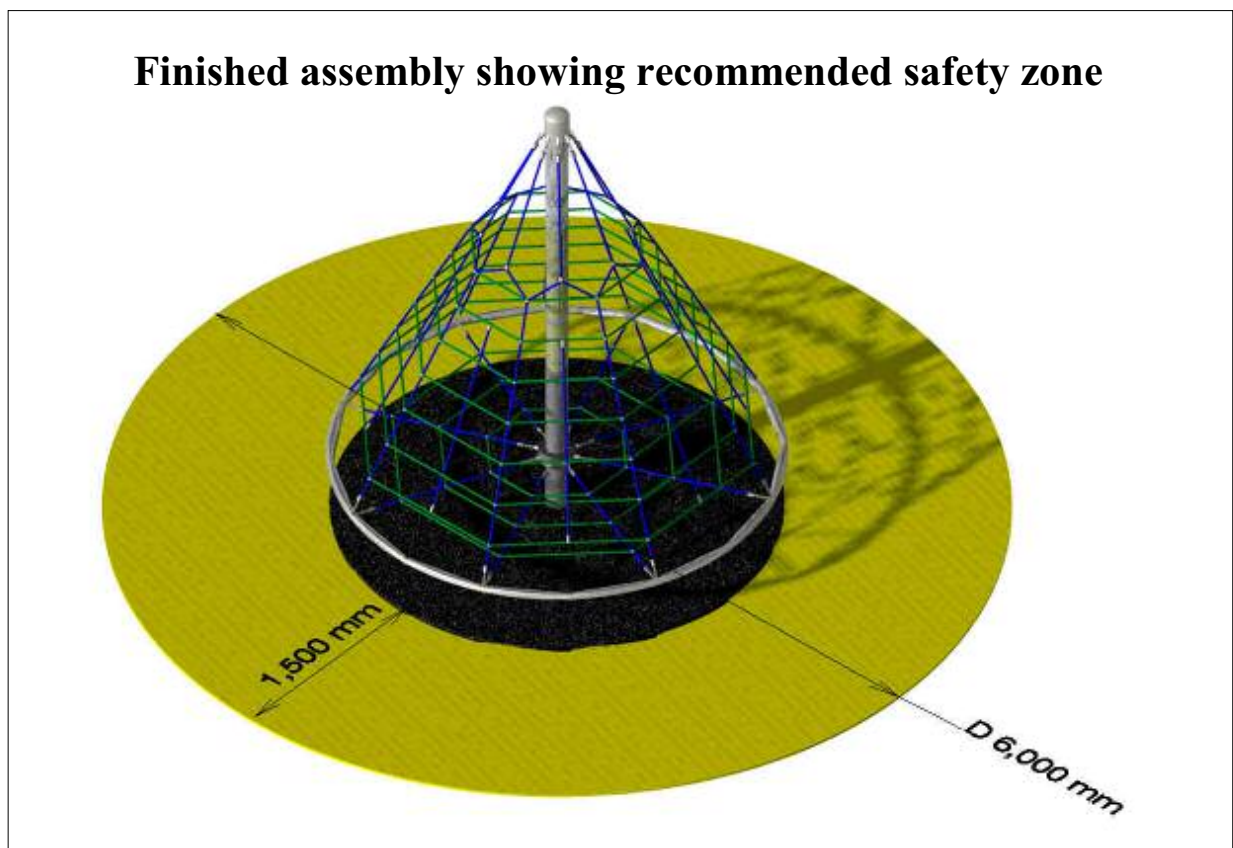
4.2.8 zones

4.2.8.1.2 free space

The equipment should be situated to allow a minimum of 2.0m free space from the corner of the product at ground level. This translates into a 7.0 m diameter circle.

4.2.8.1.3 Extent of impact area

The height of free fall is less than 1.5 m therefore the minimum impact area is 1.5 m from the edge of the steel ring, this translates to a 6.0 m diameter circle



Free Height of Fall

The maximum height on which a child can stand is 2.2m

This is considered to be the free height of fall

Installation Instructions

The cc3300 coneclimber is delivered in three sections.

Section (1) is the 3.98 m long aluminium mast which has an aluminium spigot fixed into the top and a collar fixed approximately 1200mm from the bottom.

Section (2) is the net complete with stainless steel ring and central steel collar.

Section (3) is the top cap assembly and bearing

Additional to these three main sections is a bearing and 8 m6 x 30mm s/s bolts and nyloc nuts

Foundation Requirements

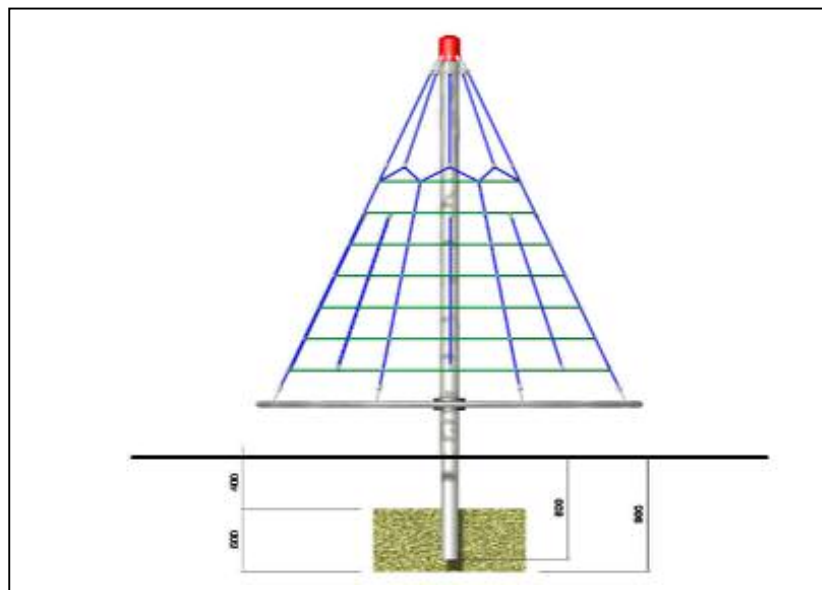
For safe operation the CC3300 coneclimber requires a concrete foundation:

1200mm x 1200mm x 500mm
as shown opposite (fig. 1)

The concrete should be a C30 un-reinforced mixture.

The foundation should be left for approximately seven days to achieve maximum strength prior to assembling the remaining elements.

Fig. 1



Assembly Instructions (1)

Remove the plastic protection from the top of the mast and place the bearing over the spigot. (Fig. 2)

The bearing is packed with grease in the factory. If the installation is to be undertaken in wet or damp conditions, protect the bearing from the ingress of water and dry off the spigot.

Fig. 2



Assembly Instructions (2)

Remove the net from the packaging and locate the eight ropes with chain tails.

Remove the packaging from the cap and connect the chain tails to the lugs using the eight M6 x 30mm bolts as shown opposite. Secure with nyloc nuts and tighten.

The net is now ready to install over the post



Assembly Instructions (3)

In order to secure the net onto the pole, first Remove the three bolts holding the upper collar onto the lower collar. Remove this cover plate and lift over the mast.

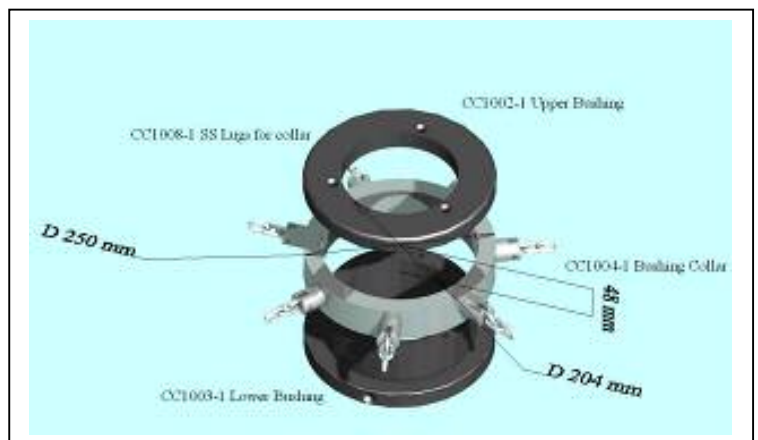
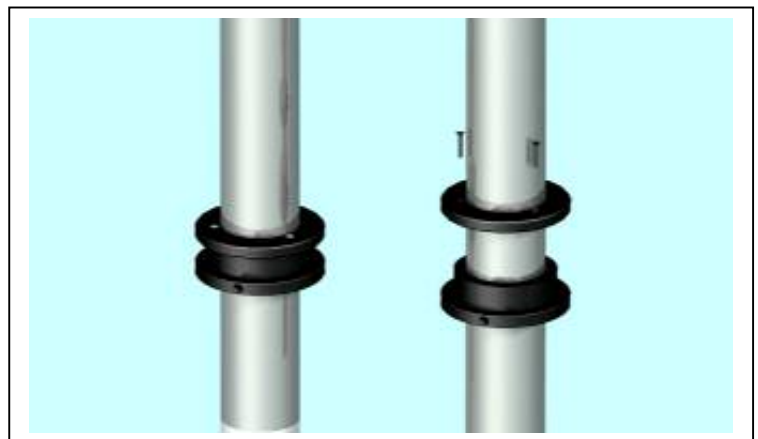
Lift the net assembly and stainless steel ring over the mast and insert the mast through the lower steel collar.

Replace the black cover plate before lowering the net to secure the cap. (The bolts can be fixed later)

Gently lower the net assembly onto the lower nylon collar and locate the cap onto the bearing.

The net is now self supporting.

Replace the three bolts securing the upper cover plate to the lower cover plate and tighten.



Maintenance & Inspection

- General

The CC3300 cone-climber should be inspected and maintained in accordance with the recommendations as detailed in [BS EN 1176 part 7: Guidance on installation, inspection, maintenance and operation for Playground Equipment](#).

If any part of the equipment is found to be unsafe during an inspection and that part cannot be repaired or replaced immediately, the equipment unit or the part(s) concerned should be secured against use. This may involve immobilisation or removal from site.

IMPORTANT NOTE: THE FREQUENCY OF INSPECTION WILL VARY WITH THE TYPE OF EQUIPMENT OR MATERIALS USED AND OTHER FACTORS, E.G. HEAVY USE, LEVELS OF VANDALISM, COASTAL LOCATION, AIR POLLUTION, AGE OF EQUIPMENT ETC.

Routine Visual Inspection

A routine visual inspection enables the identification of obvious hazards that can result from vandalism, use or weather conditions, e.g. broken parts.

A daily routine visual inspection is recommended especially for playground equipment that has heavy use and/or is subject to vandalism and should include the inspection of the following as a minimum:-

- a) General equipment and surface cleanliness
 - b) Equipment ground clearances are maintained
 - c) Foundations not exposed, loose in the ground or cracked
 - d) Parts not missing or damaged
 - e) Surface finishes not damaged, rusting or deteriorating
 - f) Connections and bolts are secure and tight, locknuts are in place
 - g) Bearings are free running – grease weekly or more frequently if necessary.
(grease to be 'Castrol MP2 grease, Speerol 125' or equivalent)
 - h) Safety surface (if installed) not compacted, damaged or contaminated with sharp objects.
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For further information and technical assistance regarding the CC3300 Cone-Climber, contact the original manufacturers at:

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