

Technical Information

smb Ropeway "Flux" Version 1

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Maintenance Instructions EN 1176-1



January 4th, 2016

General

The work described must be carried out by qualified personnel.

The flange posts should be fixed in foundations in accordance with the technical information. Please note **draft plan II**.

Dimensions

Unit size	see draft plans
Safety zone size	see draft plans
Height	0,4 m

Age group

3 years+

Number of users

Approx. 4 children

Maximum free fall height

0,4 m

Ground composition

No specific requirements

Assembly tools

2 pcs. Spanner AF 24mm, Open-Jaw

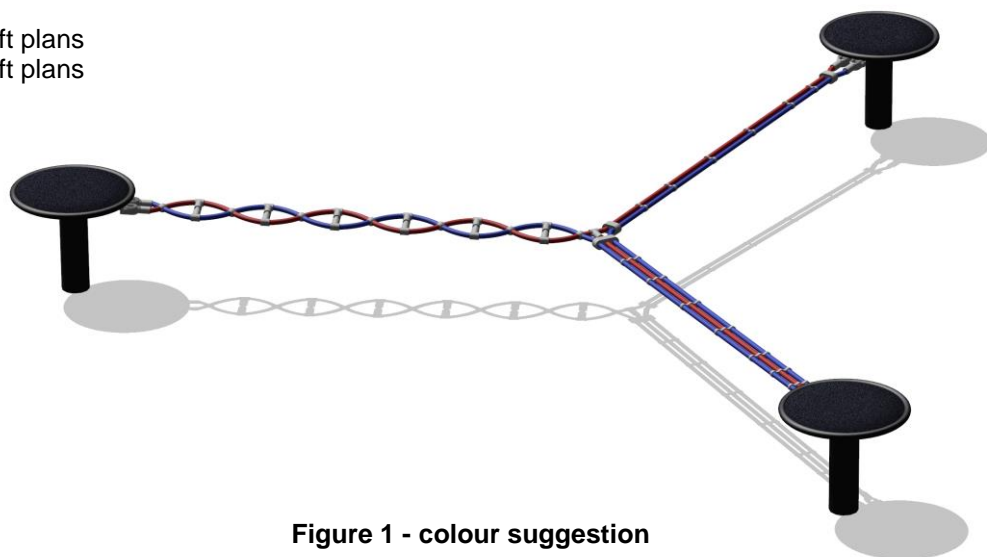


Figure 1 - colour suggestion

Flange Post assembly

Foundation setup is shown in **draft plan II** (1200 mm below play level, **see fig. 2**).

First step is to place the flange posts and adjust them in level and direction. The numbered flange posts have to be arranged like in **draft plan II**. Please note the direction marks on the flange, which have to face the center (**see fig. 3**).

The concrete **C20/25 (B25)** has to be compressed. Setting time is 4-5 days.

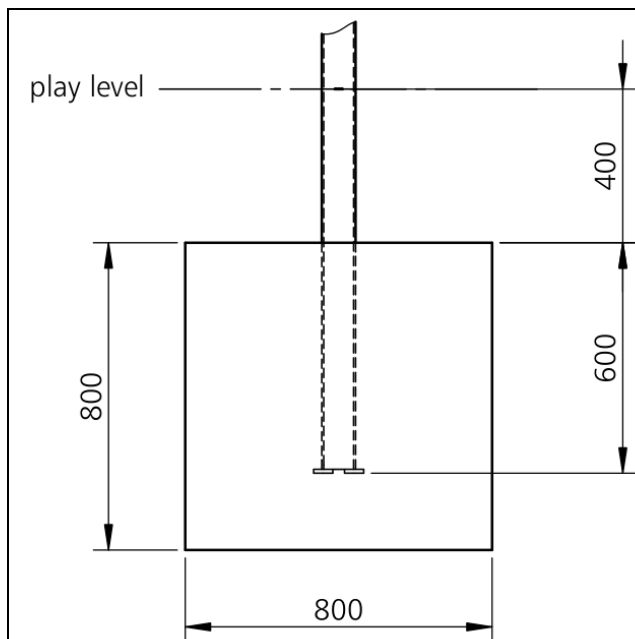


Figure 2 – flange post foundation

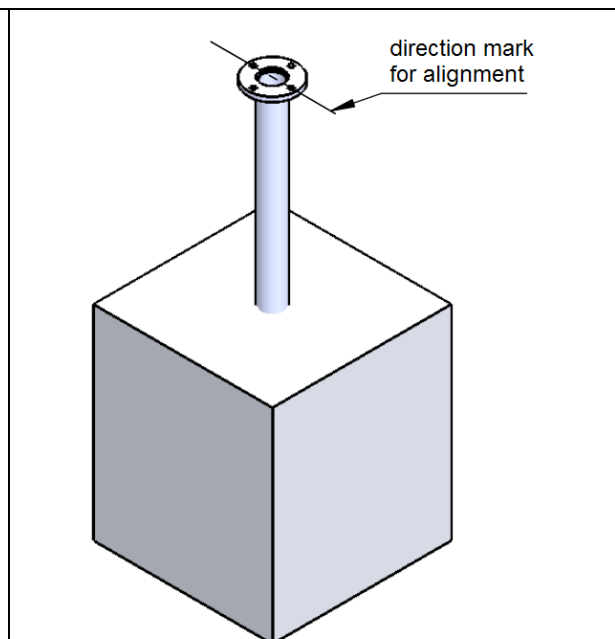


Figure 3 – post alignment

After the concrete had time to set, the platforms can be screwed to the flange posts. The platforms have a flat bar underneath which must be aligned accordingly (**see fig. 4**).

The ropeway can then be mounted to the flat bar, using the provided nuts. One nut (M16 DIN 439) is already installed. This nut is used to adjust the ropeway's slack.

The more slack the ropeway has, the more difficult the balancing is. After adjusting, a second nut (M16 DIN 985-6) has to be installed to secure the bracing system (**see fig. 4**).

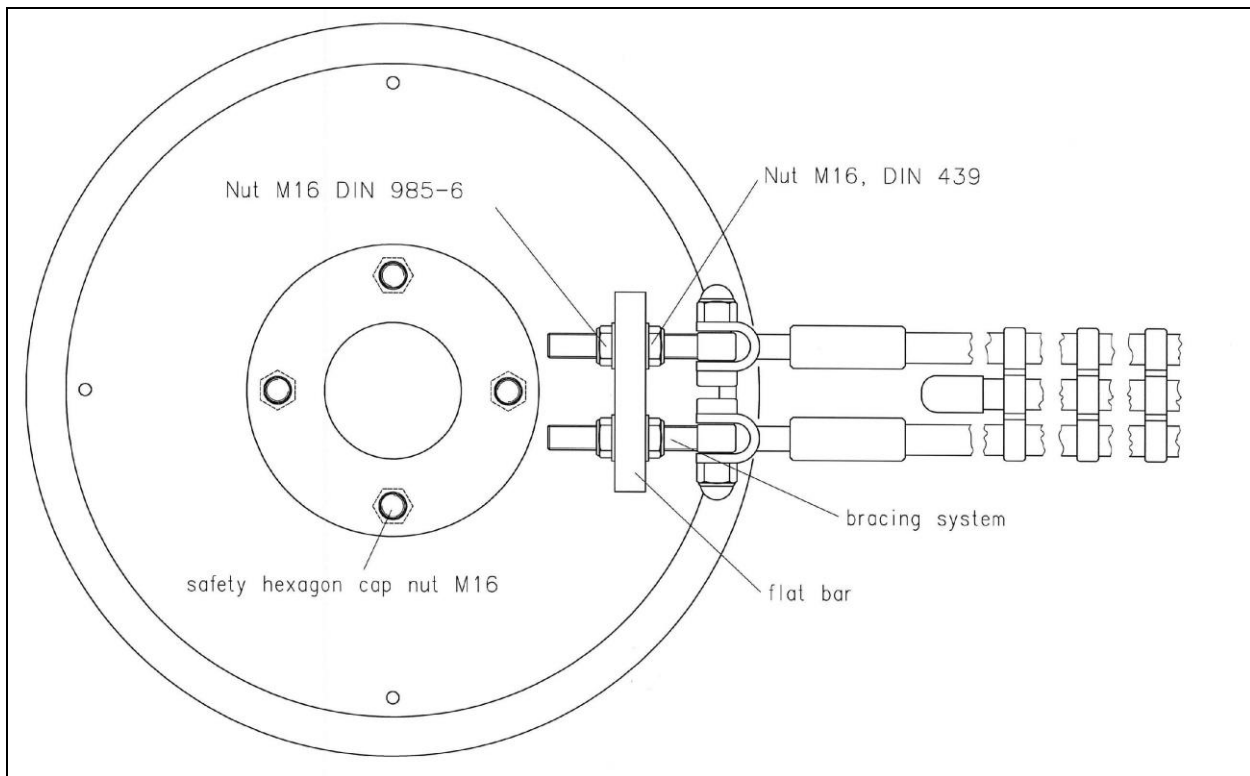


Figure 4 – end post platform, bottom view

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Visual routine inspection

Frequency will be based on local conditions (frequent/rare use, vandalism, weather influence).

Operational inspection (semi-annual)

- Check the equipment for damage, wear and tear or corrosion.
- Check the connections between post plate / flange post and post plate / ropeway.

Main inspection (annual)

In addition to the checks of the visual and operational inspections:

- Check the flange post for corrosion, particularly near the foundation