

A Assembly instructions

Polyester - Hammock, Art.-No. 807-200

Attention! Only use the assembly instructions included in the scope of delivery for the assembly, installation und maintenance of the respective equipment!



Operator: _____

Location: _____

Revision history

Revision 0 – 2009- 02-04

The first released version

Assembly instructions

Revision 8 – 2023-11-07

S7+ S8-9 Pos 3 +102 überarbeitet PR

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Introduction Assembling

1.1 General information

This equipment should be installed, inspected, maintained and operated in accordance with EN1176-7 guidelines.

Before installation work commences, please check that you have all of the equipment and fixation components in the parts list provided (see Tables 3-1 and 3-2).

Please consider that the installation has to be carried out only on even terrain (max.slope up to 3%).

Any spare parts that may be required can be obtained directly from your supplier.

Please do not hesitate to call your supplier if you have any problems during installation or in case of any other questions.



Following installation, complete assembly instructions, maintenance instructions and a maintenance record must be sent to the operator who must confirm receipt in writing. See the last page of this document.



All nuts and bolts are hot-dip galvanised or stainless steel.

One of the characteristics of stainless steel is that uncontrolled cold welding may occur when the nuts are tightened. To prevent this, it is necessary to spray the nuts and bolts with Teflon spray or another similar lubricant.

We hereby confirm that this play equipment has been tested and certified in accordance with the play equipment standard EN 1176. **We hereby confirm that this play equipment has been tested and certified in accordance with the play equipment standard EN 1176.**

Drawings / Views

All optical drawings are showing only the measurements/dimensions and are no mandatory technical views of the complete item.

We reserve the right to change technical details of our articles which are serving for the further development of our articles and are reasonable for the customer.

Measurement tolerances

Because of the properties and characteristics of the components, minor measurement tolerances compared to the indication on the sketches are possible.

This concerns all shown measurements except the foundation measurements resp. measurements below upper edge ground level/play area.

2 Datasheet: Polyester – Hammock, Art.-No. 807 – 200

1. Space requirement: 3.15 m x 0.65 m
Space requirement including safety area: 4.40 m x 3.65 m
Height of Fall: 0.65 m
Fall protection area: 14.1 m²
2. Required safety surface:

Surface material	Description mm	Minimum thickness of layer mm	Maximum height of fall mm
Topsoil grass			<= 1000 ^d
Chipped bark	20 – 80 grain size	300 400	<= 2000 <= 3000
Wood chippings	5 – 30 grain size	300 400	<= 2000 <= 3000
Sand ^c	0.2 – 2 grain size	300 400	<= 2000 <= 3000
Gravel ^c	2 – 8 grain size	300 400	<= 2000 <= 3000
Other ground materials	As recommended by manufacturer		Critical fall height as checked

3. Name and overall dimension of the largest part of the unit (per unit):
2 steel posts Ø 102 mm; length 2,40 m
4. Name and weight of the heaviest part of the equipment:
1 steel post approx. 15 kg
5. Intended age group: ab 3 Jahre
6. Concrete: C25/30
Required concrete: ~ 0.8 m³
Excavation and foundation size:
2 x 0.80 m long x 0.80 m wide, total depth 1.10 m incl. 10 cm seepage layer.
2 x 0.80 m long x 0.80 m wide x 0.60 m high.



**Sizes of foundations are designed for soils class “4-5” (natural ground).
Soil class 4: soft to medium plasticity, interleave bound, with minor portion of
stone (portion < 30% with bigger diameter of 63 mm grain size)
Soil class 5 : ground with soil class 3 and 4 with big portion of stones
(portion > 30% with bigger diameter of 63 mm grain size)**

In case of sandy and soft soils, the surface measure of foundations have to be enlarged for about 50%!

7. Assembly time, once foundations completed: 45 min.
8. Any spare parts which may be required can be obtained directly from your supplier.
9. We hereby confirm that this playing equipment was checked and certified according to the new playing equipment standard EN 1176.

3 Delivery contents (parts list with part numbers)

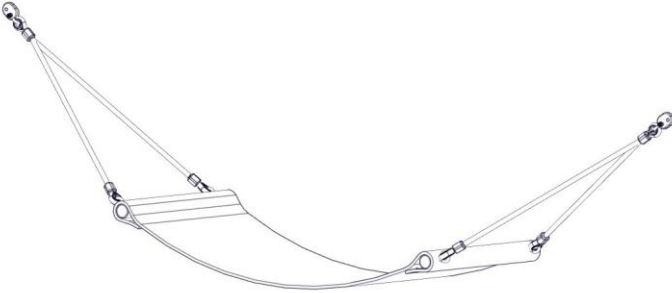
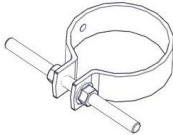
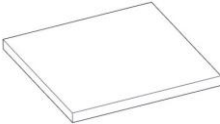
3.1 in Words

Tabelle 3-1: Scope of delivery, inventory with serial numbers, in words

Pos.	Quantity	Element / Description	Size	O.K.	Missing
1	2	Steelpost	Ø 101,6 mm, 2,40 m lg.		
2	2	Post caps	Ø 101,6 mm		
3	2	Tube clamp with carriage bolt and locknut	Ø 101,6 mm (M10 x 40 mm lg)		
4	1	Polyester – Hammock (VO)			
100	6	Self drilling screws	5,5 x 25		
102	2	Tube clamp with threaded bolt M10mm + 2 nuts)			
	2	Sidewalk flagstone / provided by the customer!	approx. 250 x 250 x 40 mm		

3.2 in symbols

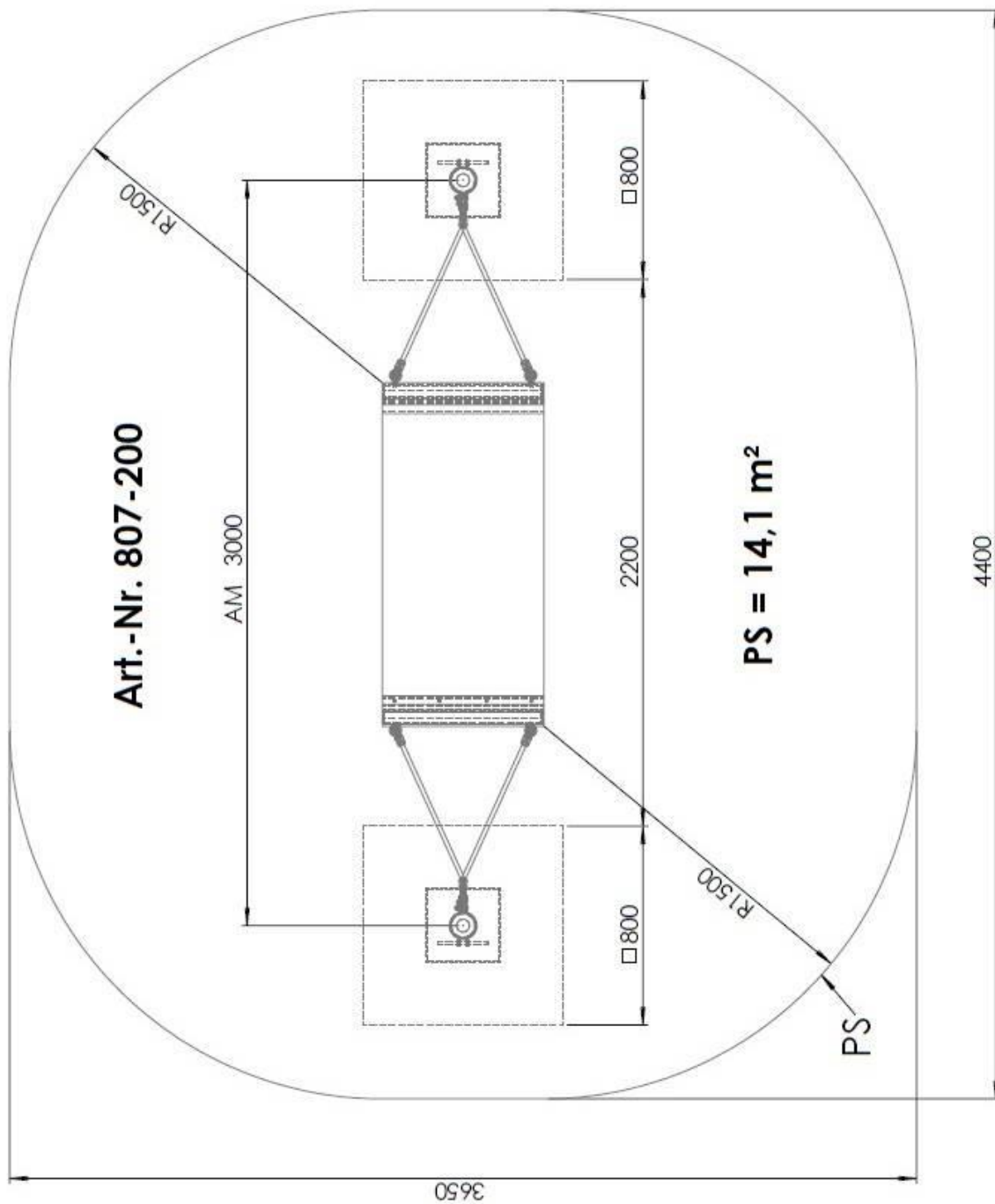
Table 3-2: Delivery contents, in symbols

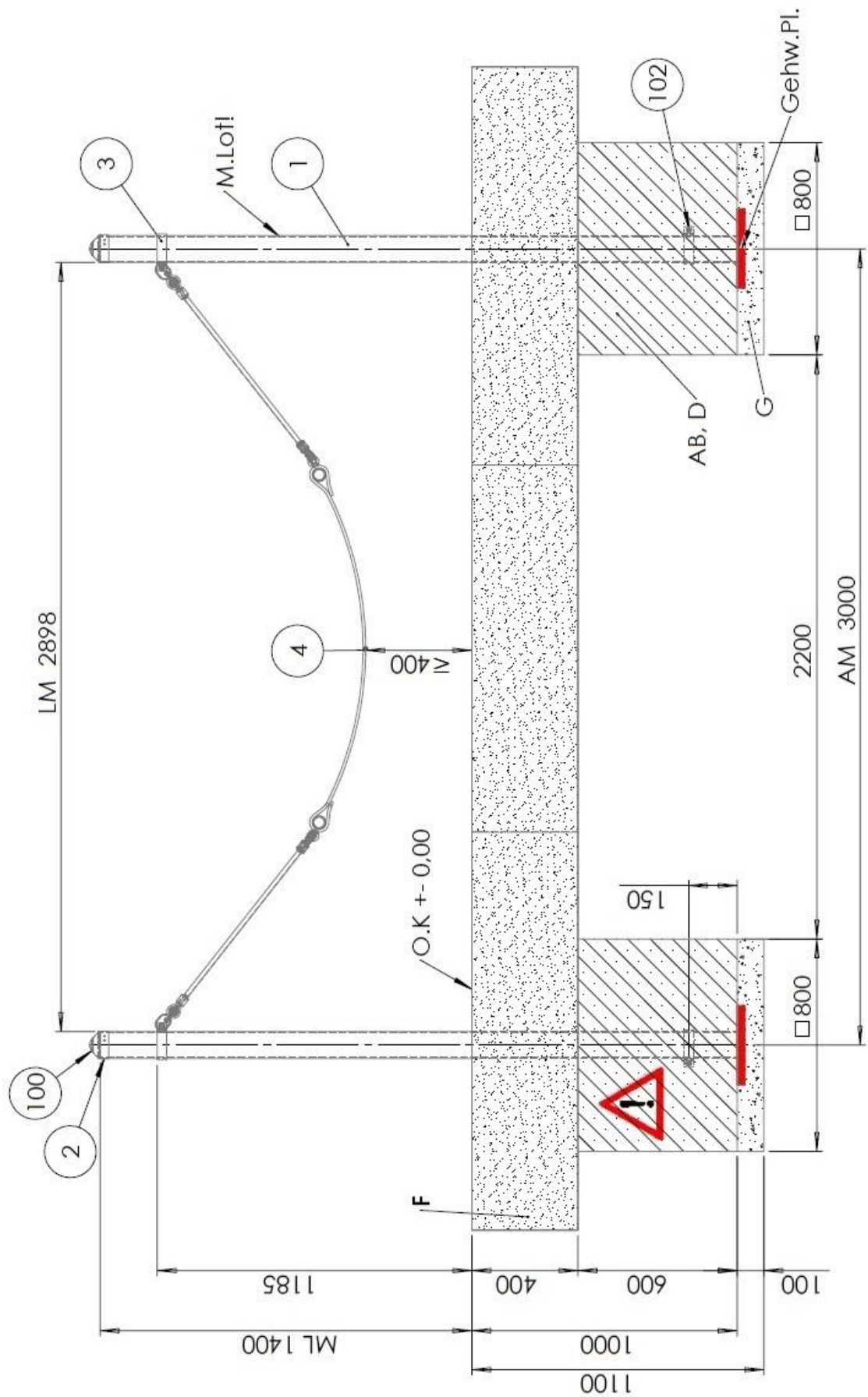
Item	Units	Symbol
1	2	 Steelpost Ø 101.6 mm, 2.40 m long
2	2	 for Ø 101,6
3	2	 for Ø 101,6 mm
4	1	 (VO)
100	6	 5,5 x 25 mm
102	2	 Groundanchor for Ø 101,6 mm
Geh w.Pl.	2	 Sidewalk flagstone approx. 250 x 250 x 40/ provided by the customer!

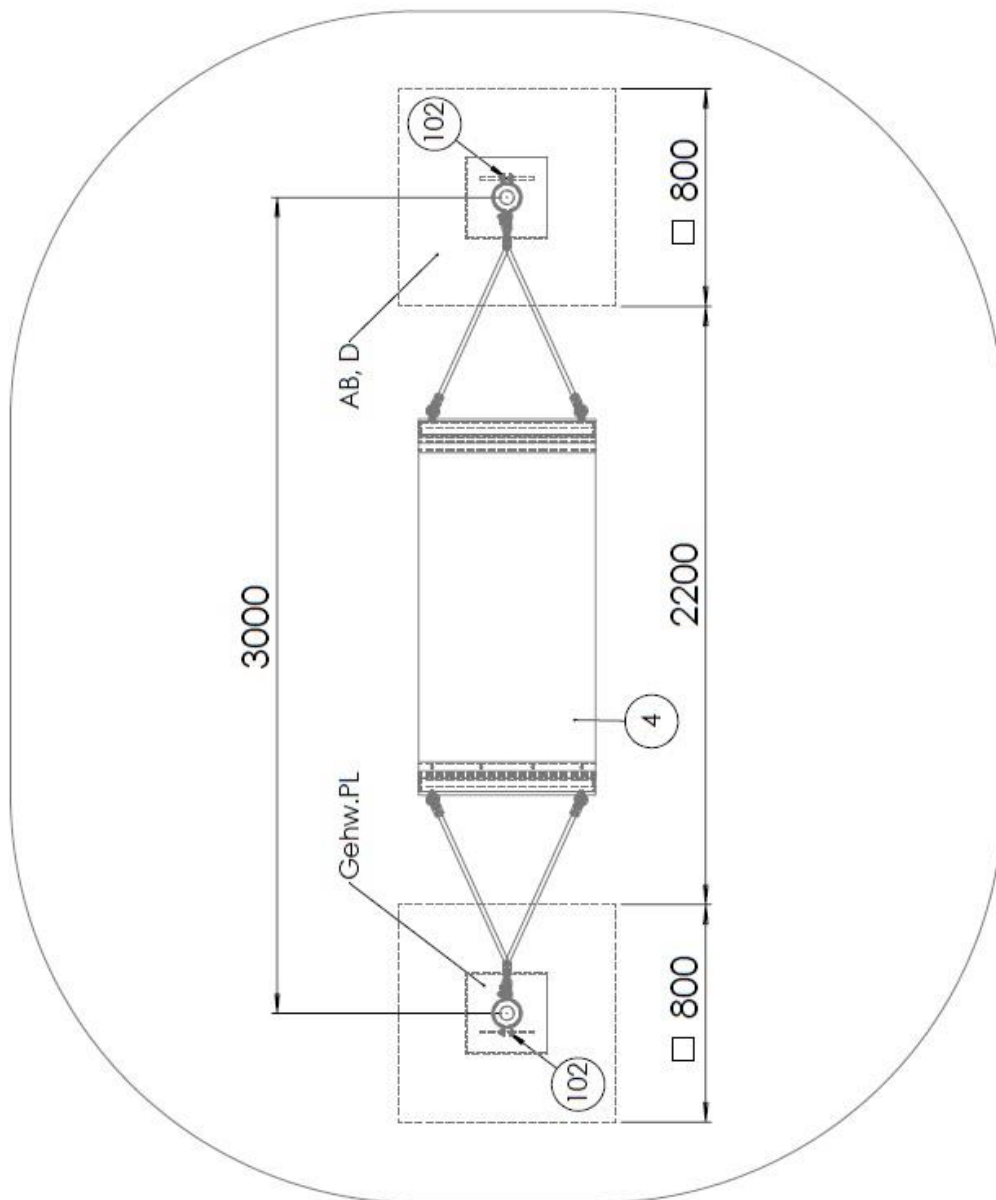
	Explanations of the abbreviations and signs:
AB	The legally prescribed setting times must be observed!
AM	Unit spacing (centre-centre) posts
LM	Clearance post dimensions
D	Concrete C25/30 for foundation
F	Fall protection
Fu	Fall protection
G	Drainage layer 10 cm
Gehw. Pl.	The customer is responsible for providing the underlay, e.g. pavement slab, under the posts! Top edge - seepage layer (see drawing)
O.K	Upper play level
PS	Required space including safety area
ML	Post length above ground level
	Sizes of foundations are designed for soils class "4-5" (natural ground). Soil class 4: soft to medium plasticity, interleave bound, with minor portion of stone (portion < 30% with bigger diameter of 63 mm grain size) Soil class 5 : ground with soil class 3 and 4 with big portion of stones (portion > 30% with bigger diameter of 63 mm grain size) In case of sandy and soft soils, the surface measure of foundations have to be enlarged for about 50%!

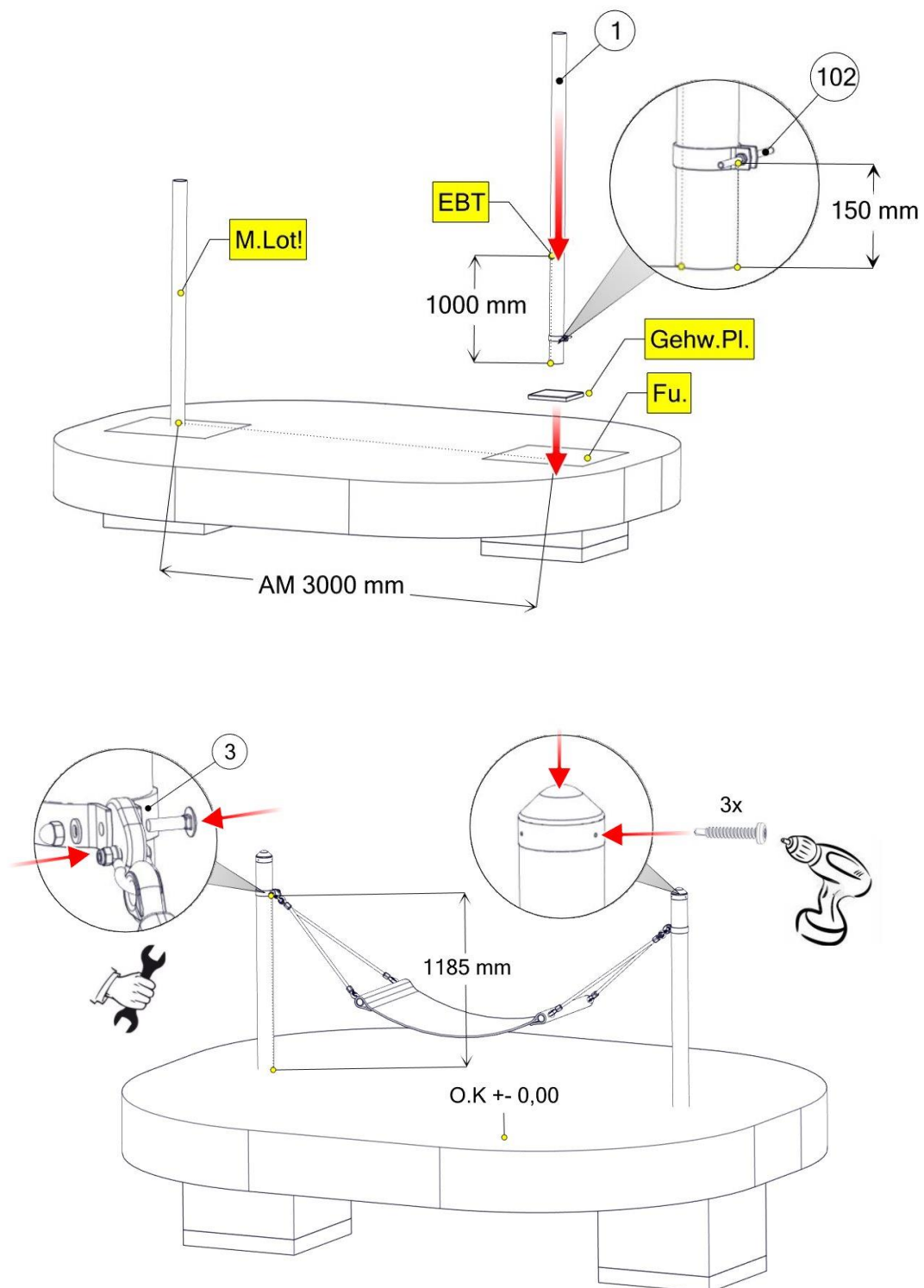
See drawings!

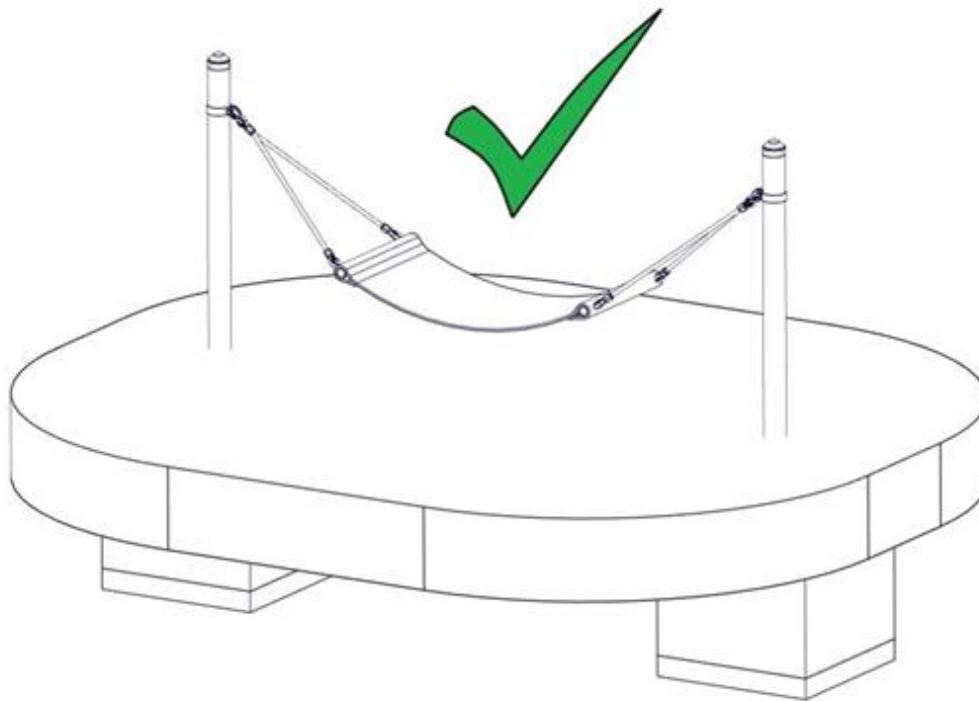
4 Erection instructions











5 Examination after installation



If the equipment is not installed in a secure manner you must ensure that access is closed to the public.

5.1 Marking the fill level

- Marking the equipment in order to indicate the fill level of the drop protection material (and/or of the loose wadding).

5.2 If the equipment has not been installed safely if:

- The installation of the equipment is still incomplete
- The impact-absorbing surface has not yet been installed
- The guarantee of safety in operation cannot be given by the appropriate maintenance works

5.3 Removal of all assembly aids

- It should be checked whether all assembly equipment have been removed from the playing area. The playing equipment must not be released in advance

5.4 Details concerning the acceptance of the equipment before the first use

- No special acceptance conditions apply.

5.5 Tighten pins

- A week after the first use of the equipment all the pins should be tightened again. After that, it is done when maintenance is carried out

B Maintenance Instructions

Polyester Hammock Art.-No. 807-200



Revision history
Revision 0 – 2009-02-04
The first released version
Maintenance instructions JF
Revision 7 – 2023-03-30
neue Form der Anleitung FH
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6 Introduction: Maintenance

6.1 General informations

The installation, inspection, maintenance and operation are to be carried out in accordance with the guidelines of EN1176-7.



General Notice: Well maintained playing equipment can never pose a danger for those who play on it. It is a requirement, however, that regular checks follow and repairs are carried out as and when necessary.

Any spare parts which may be required can be obtained directly from your supplier.



Assembly, maintenance and repairs are only to be carried out by **qualified personnel**. A copy of the maintenance log is to be handed over to the operator as a receipt.

These maintenance instructions are based on “EN 1176-1:2017” standard.

7 General notes on maintenance work

7.1 Intervals between maintenance

The interval between maintenance works depends on the average use. We emphasise that the more the playing equipment is used, the more frequent should be the checks and/or maintenance.

7.2 Frequency of inspections

The frequency of inspections depends on the actual use. The influencing factors are: Vandalism, location (e.g. proximity to coast), air pollution, age of the equipment etc.

7.3 Maintenance products and maintenance procedures

All pins and nuts are either hot-dip galvanised or made of high grade steel. High grade steel has the characteristic of uncontrolled galling during tightening of the nuts. Therefore it is essential to spray the pins and nuts with Teflon or any other similar lubricant.

7.4 Replacement parts

All spare parts must conform to the manufacturer's specifications.

7.5 Identification of replacement parts

All replacement parts are listed in the inventory. The inventory can be found in Chapter 3.

7.6 Special treatment for the disposal of individual components

No special instructions are necessary.

7.7 Special measures in the break-in period

Within 2 weeks after assembly, all screw connections are to be examined for firmness and tightened if necessary.

7.8 Maintenance of the drop protection floors

The drop protection floors must be regularly maintained. Especially the level of loose wadding must be maintained and refilled if necessary.

7.9 Established faults



Any detected fault must be rectified immediately. In case of serious defects in the equipment which could prove hazardous, it is to be closed to the public immediately.

7.10 Loose screws



Loose screws are always a risk to quality and safety. Therefore loose screws should always be tightened and the absence of screws be monitored (e.g. keep an eye out for visible holes)

7.11 Shutting down the playing equipment

The playing equipment is to be shut down in the case of: Incomplete installation, dismantling, maintenance and repair work as well as when there are faults with the equipment.

7.12 Claims/liability for faults (steel poles)

Steel posts and footings are covered by our guarantee if regular maintenance is carried out and recorded in writing.

Our general terms and conditions apply. Maintenance of steel poles first takes place after 3 years. The steel posts must be excavated down to the concrete foundations and checked for corrosion.

Zinc paint should be applied to any corroded areas and scratches.

Check ropes for abrasion, replace ropes where coating is damaged down the steel inlet.

8 Maintenance timetable

8.1 Special notes

8.1.1 Intervals between maintenance

We strongly advise to carry out inspections and maintenance work within the specified periods as use of the equipment, the weather and malicious vandalism cause wear and tear that compromises the safety and function of the equipment.

8.1.2 Interval between maintenance with heavy use

We emphasize that with heavy use of the playing equipment, increased checks and/or maintenance are to be made

8.1.3 Faults which impair safety



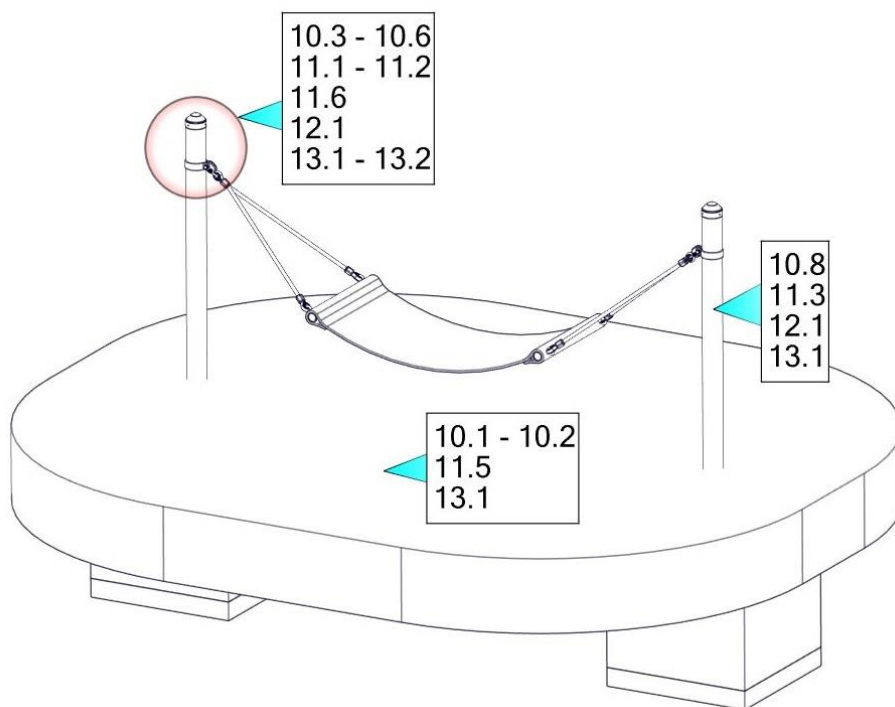
In the event of a fault that compromises safety, quick action must be taken: the item has to be blocked immediately and repaired or dismantled.

8.1.4 Faults which impair function



Faults that compromise function should also be repaired immediately. Such faults lower the value of the equipment to the user and encourage malicious vandalism, which may render the equipment less safe. Any damages should be repaired immediately.

9 Regular maintenance



10 Monthly maintenance

- 10.1** Check the spaces between the equipment and the ground (clearance and height of fall).
- 10.2** Check the ground surface of fall protection for hard objects and loose foundations.
- 10.3** Check all connecting elements and fittings for wear and tear and tighten if necessary. Replace damaged or missing parts.
- 10.4** Check that moving metal parts (joints, springs, etc.) move smoothly and are not worn. Replace if necessary. It is not necessary to lubricate joints as we only use maintenance-free metal roller bearings.
- 10.5** Check all attachments such as chains, ropes, nets, etc. for damage and replace if necessary.
- 10.6** Check rubber parts, sleeves, etc. for wear and tear or damage and replace if necessary.
- 10.7** If necessary, remove excess padding material from the post footings due to danger of rotting.
- 10.8** Check the surface of plastic and metal parts, e.g. slides, for damage and replace if necessary.

11 Quarterly maintenance

- 11.1** Detailed inspection of the operation and stability of the equipment paying particular attention to any wear and tear.
- 11.2** Tighten all forms of attachment.
- 11.3** Repaint and retreat surfaces
- 11.4** Maintenance of fall protection surfaces.
- 11.5** Check height of fall protection material and top up with loose filler if necessary. If the posts are labelled, top up to the mark.
- 11.6** Retighten all bolts

12 Half yearly maintenance

- 12.1** The stability of supporting posts, supports, foundations etc. has to be checked. The safety level of the entire system has to be

checked after repairs have been carried out or additional system



Annual Maintenance

components have been installed or replaced.

13 Annual maintenance

- 13.1 Ascertaining that the equipment, foundations and surfaces are safe for operation.
- 13.2 In particular, the equipment should be checked for decay and corrosion. It may be necessary to dig out or excavate certain components in order to do so. Zinc paint should be applied to corroded areas and scratches.



The equipment must be inspected by someone **with the necessary expertise** in strict compliance with the instructions issued by Huck Seiltechnik GmbH.

A copy of the inspection record should be given to the operator, who must confirm receipt.

14 Maintenance log

Equipment name: Polyester Hammock Art.-No. 807-200

Location: _____

Customer or operator: _____

(Town, local authority, nursery school)

Day of the inspection	Evaluator	Status	Cannot be played on	Closed down	Faults	Faults re-paired by	Date

Please copy and return once a year after main inspection has been carried out to the manufacturer by Telefax +49(0)6443/83 11 79!

Place the confirmation form in the play equipment files.

15 Hand over document



After the installation of the equipment pass the installation and maintenance documents to the operator. The operator has to receive the hand over documents. The complete filled and signed hand over document should be sent to the supplier.

Art.-No.: 807-200

Type of item: Polyester Hammock

Serial number: _____

Customer or operator (Town, Town council, Kindergarten, etc.):

Competent person in charge:

Installation company (address):

Responsible assistant (assembler):

Received the complete assembly instructions, maintenance instructions and maintenance printout.

(Signature of operator) (Signature of installation company)
(Stamp)

Date: _____