SPOGG Sport-Güter GmbH • Schulstr. 27 • 35614 Aßlar/Berghausen
spogg@hally-gally-spielplatzgeraete.de
www.hally-gally-spielplatzgeraete.de

Assembly instruction
playground-trampoline „Circus“ Art.-No. 20.02.112
(protective mat 40 mm)

playground-trampoline „Circus“ Art.-No. 20.02.112G

operator: _____

location: _____

Revision history

Revision 0 – 2010-06-18
First released version

Assembly instruction FH

Revision 10 – 2019-08-06 VG
new protective mat 40 mm and safety area FH

All rights reserved

© Copyright 2010

Inhaltsverzeichnis

1 Introduction assembling 8
2 Data sheet playground-trampoline Art. No. 20.02.112 9
3 Delivery contents (parts list with part numbers) 10
4 Installation instruction 12
5 Lifting of the trampoline 15
6 Cleaning: Hanging out of the springs 20
7 List of abbreviations 21
8 Post installation checks 22
B. Instruction for maintenance I
Introduction Maintenance III
General maintenance information IV
Regular inspection and maintenance work V
Maintenanceprotocol VII
Hand over document VIII

1 Introduction assembling

General information

This equipment should be installed, inspected, maintained and operated in accordance with EN 1176-7 guidelines.

The BG/GUV-SI 8095 is the basis of installation in schools and kindergarden in Germany.

We advise against the installation in sand!

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

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

Any spare parts that may be required can be obtained directly from your supplier or from SPOGG Sport-Güter GmbH

address: Spogg Sport-Güter GmbH
Schulstr. 27
35614 Asslar/Berghausen
Tel. +49 6443 811262
Fax +49 6443 811269

Please do not hesitate to call your supplier if you have any problems during installation or with any other questions. You can reach us at the following: **Tel. +49 6443 811262**.

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 1176-1:2017.

2 Data sheet playground-trampoline Art. No. 20.02.112

1. Component zone: Ø 1,90 m,
   safety zone: Ø 4,34 m
   Height of fall: bis 1,00 m
2. Required safety surface:

Surface material	Description (mm)	Min. thickness of layer (mm)	Max. height of fall (mm)
lawn/topsoil			<= 1000*
Chipped bark	**20 – 80 grain size**	**300**	**<= 2000**
		400	**<= 3000**
Wood chippings	**5 – 30 grain size**	**300**	**<= 2000**
		400	**<= 3000**
Sand*	**0,2 – 2 grain size**	**300**	**<= 2000**
		400	**<= 3000**
Gravel	**2 – 8 grain size**	**300**	**<= 2000**
		400	**<= 3000**
Other ground materials	**As recommended by manufacturer**		

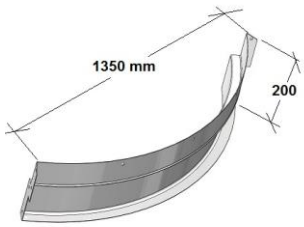
*** We advise against the installation in sand!**

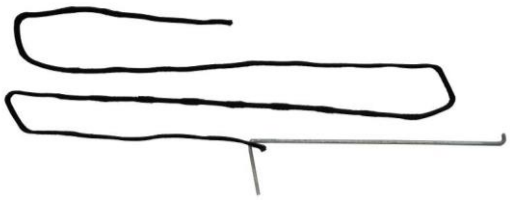
3. **Name and overall dimension of the largest component:**
   Trampoline (1 piece) Ø 1,90 m
4. **Name and weight of the heaviest component:**
   Trampoline (1 piece) approx. 119 kg
5. **Age group**: min 3 years

   Attention! For ground level installation
6. **Digging size**: Ø 2,20 m x 53 cm incl. 10 cm drainage
7. **Assembly time:** approx. 3 hours.
8. **Required assistance:** min. 4 persons.
9. **Required tools:** wheeled excavator and spirit level
10. Any spare parts that may be required can be obtained directly from your sup-plier or from Spogg Sport Güter GmbH

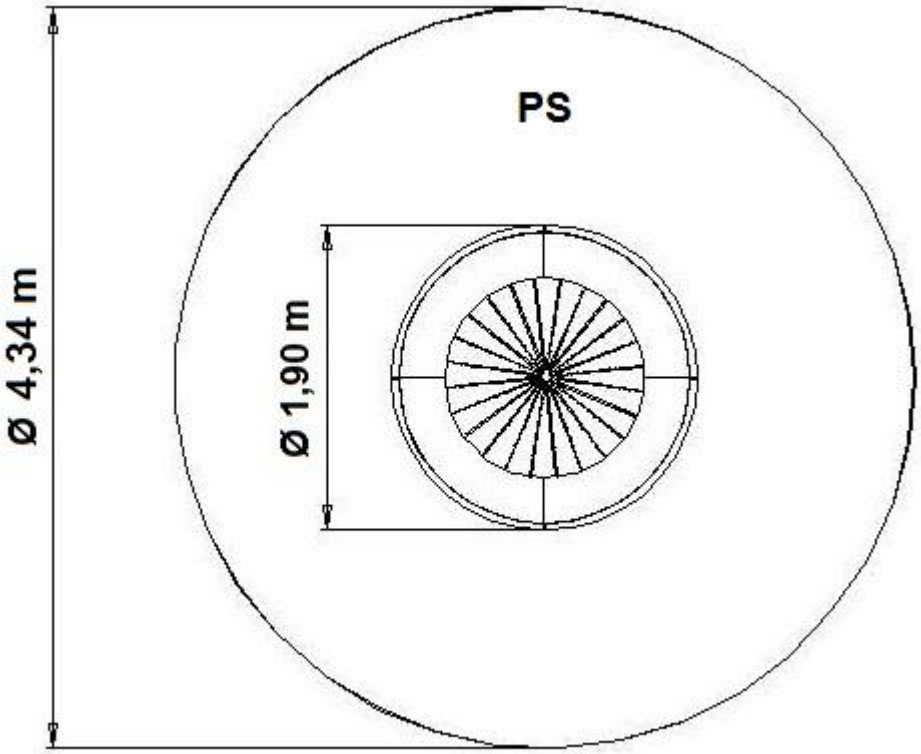
address: Spogg Sport-Güter-GmbH
Schulstraße 27
D-35614 Asslar/Berghausen
Tel. +49 6443/811-262
Fax. +49 6443/811-269

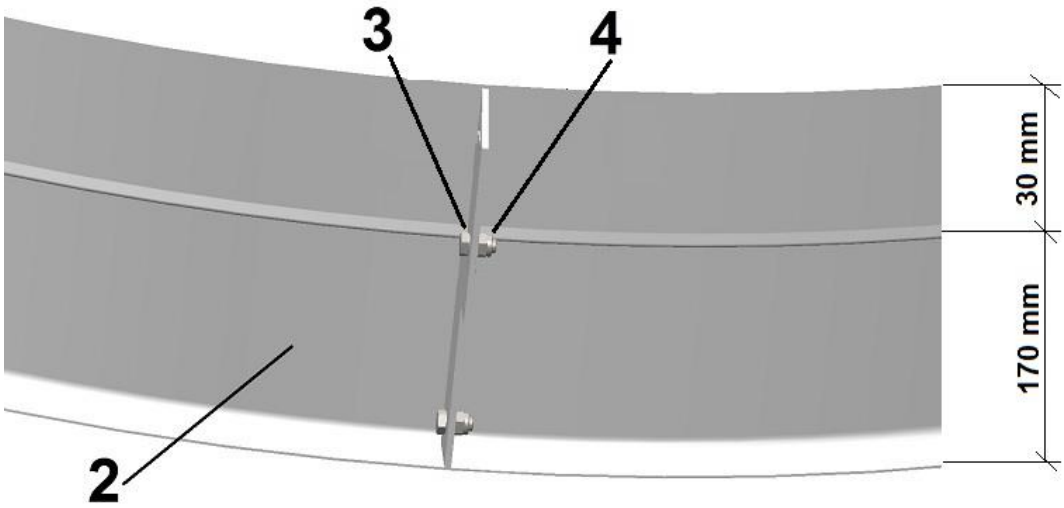
3 Delivery contents (parts list with part numbers)

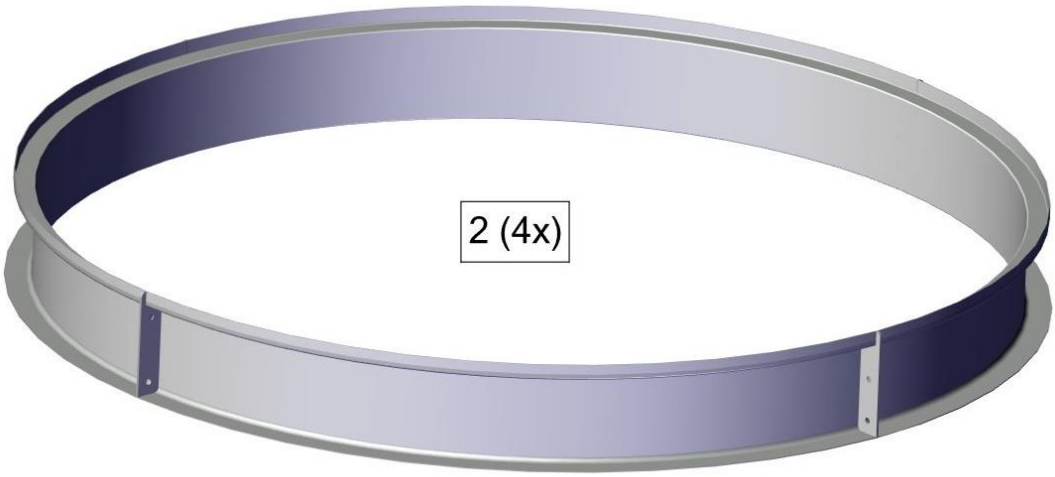
Pos.	Quantity	Symbol
1	1	Playground-trampoline with Rubber-elements-mat 20.02.112 **or** undevided mat 20.02.112G
2	4	 Trampoline-frame (4 parts) Ø approx. 2,10 m
3	12	hexagon screw M10 x 12 mm
4	12	M10 stop nut
7	4	Lifting cord (pre-assembled) 1,50 m / Ø 6 mm tensile strength 290Kg
8	2	Assembly aid for stabilization during installation. (on site/by the customer) approx. 2,10m long

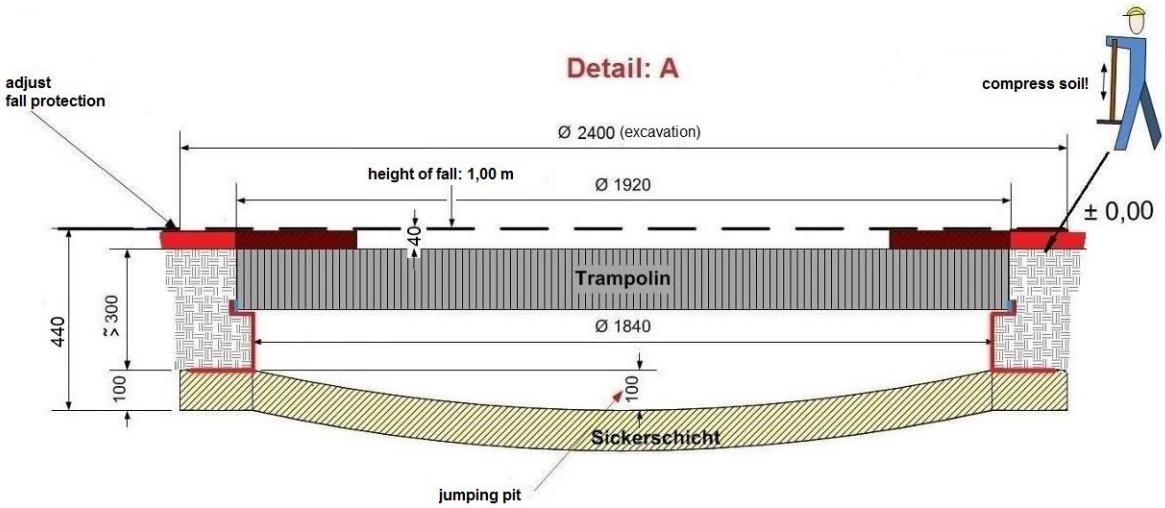
9	1	 Spring hook approx. 0,4 m long (with Pos.10)
10	1	 Towing rope 1,20 m / Ø 6 mm tensile strength 290kg (pre-assembled)
11	1	 Sealing cord approx. 6,00 m / Ø 20mm

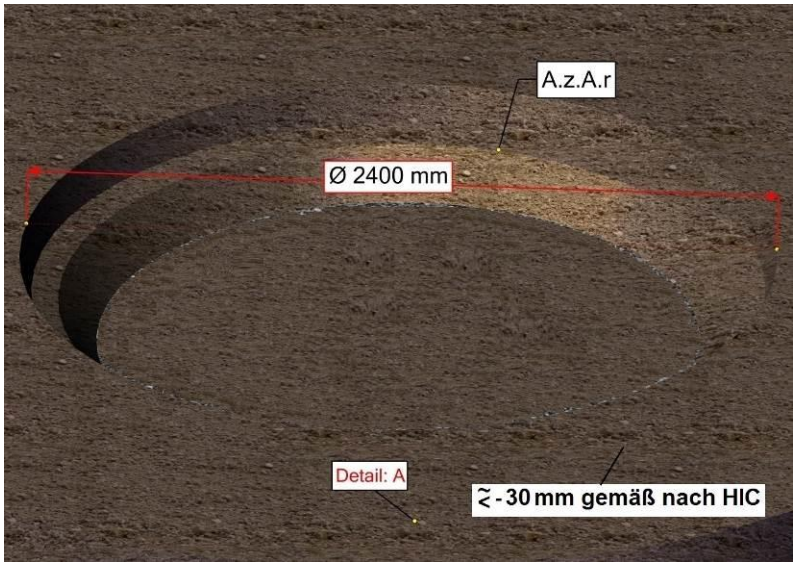
4 Installation instruction

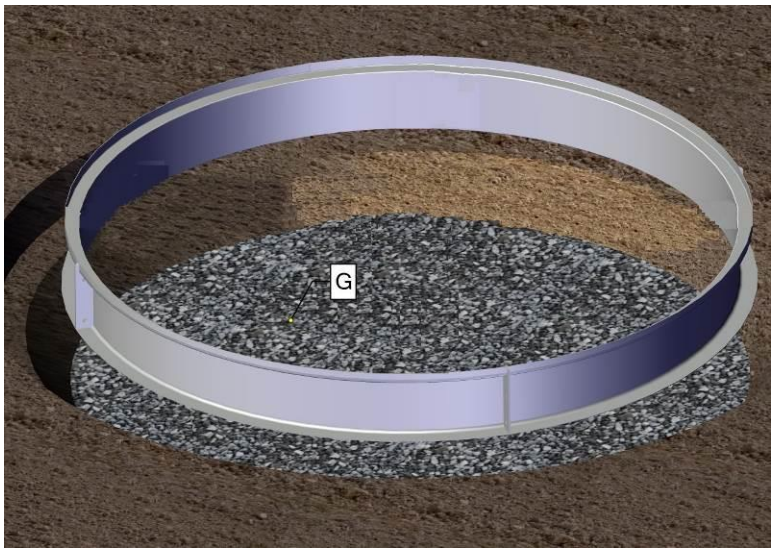


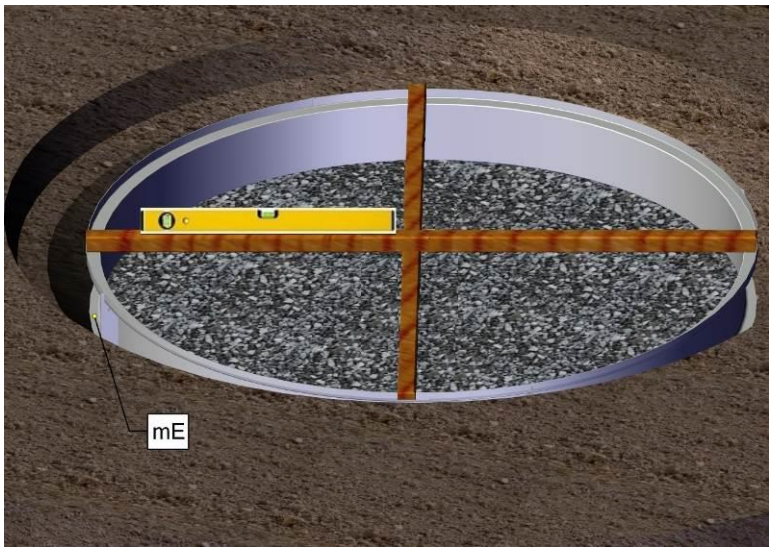

3
4
2
30 mm
170 mm


2 (4x)

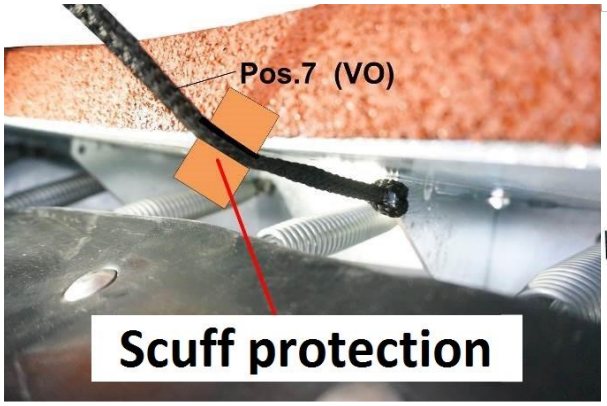

Detail: A
adjust
fall protection
compress soil!
Ø 2400 (excavation)
height of fall: 1,00 m
Ø 1920
± 0,00
40
Trampolin
Ø 1840
440
≈ 300
100
100
Sickerschicht
jumping pit

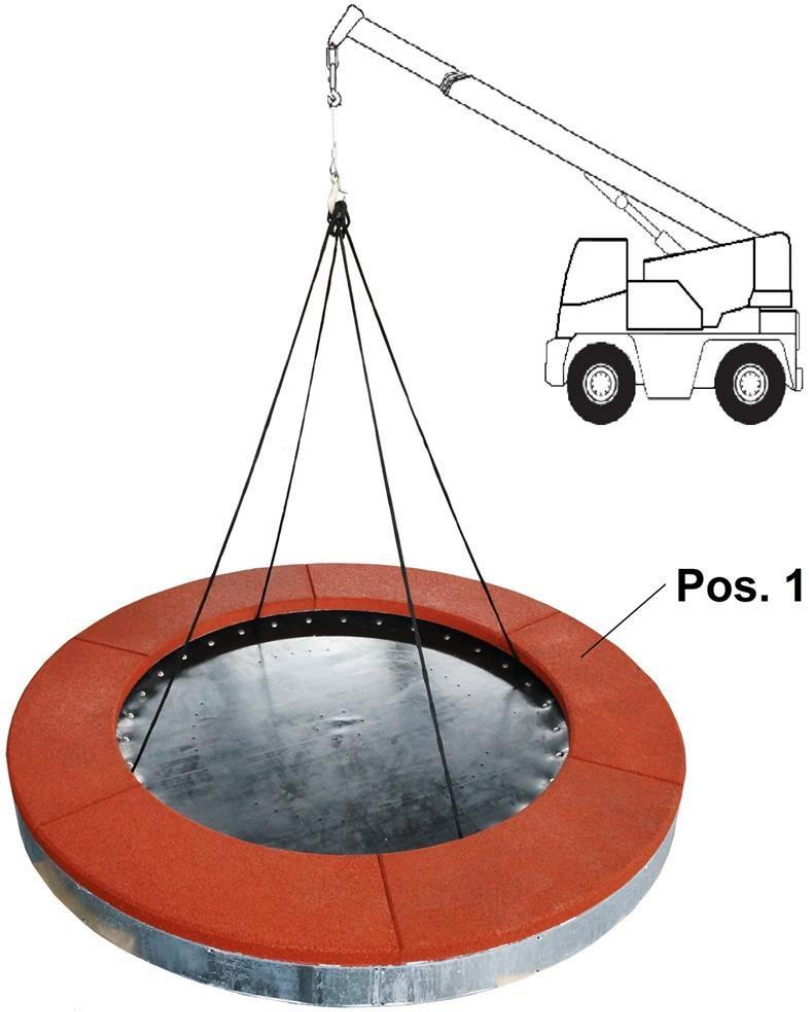

A.z.A.r
Ø 2400 mm
Detail: A
≥ -30 mm gemäß nach HIC

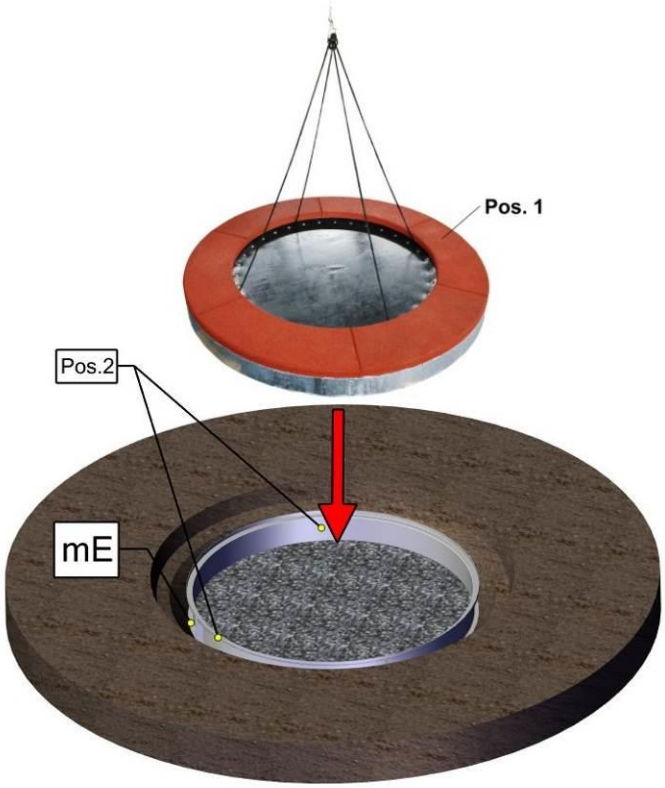

G

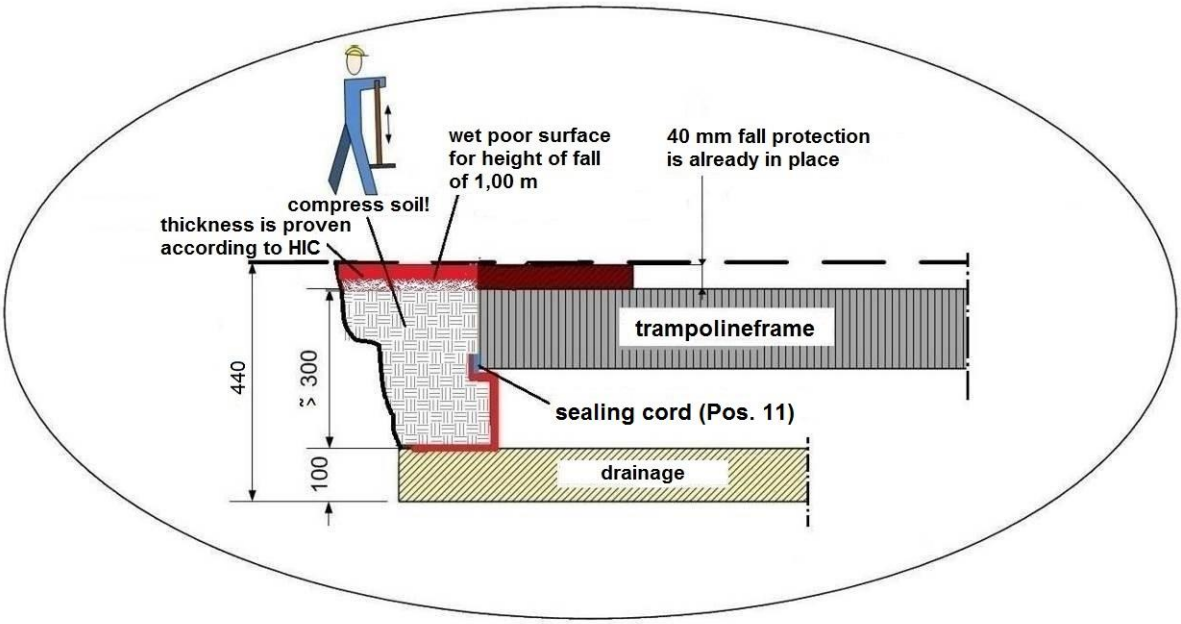

0°
mE

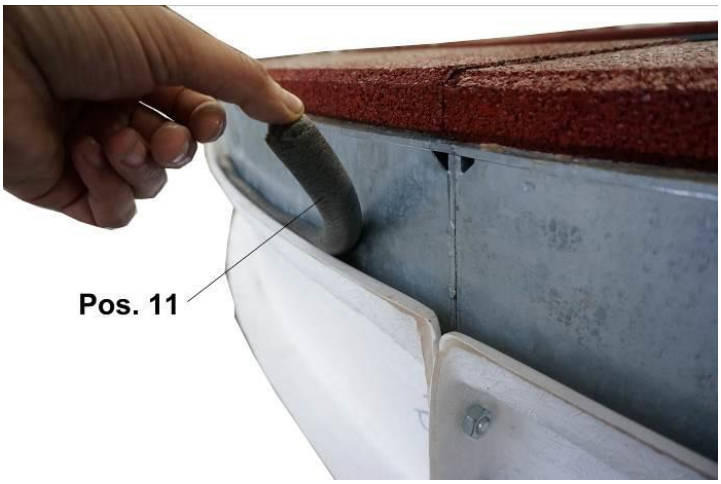
5 Lifting of the trampoline

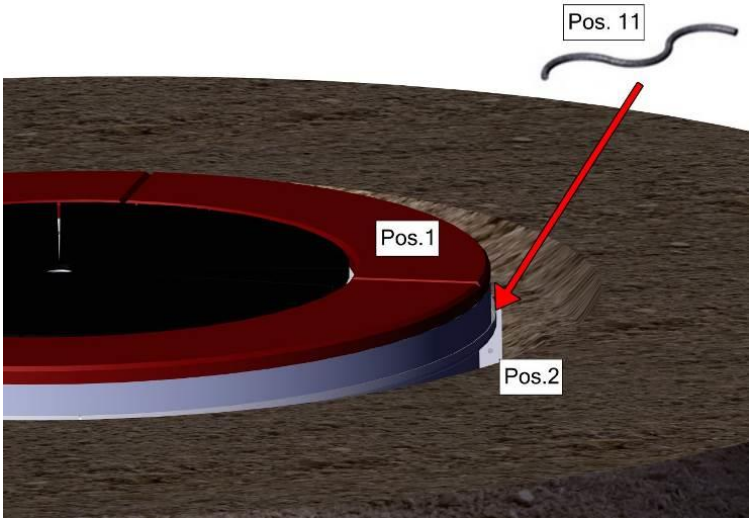


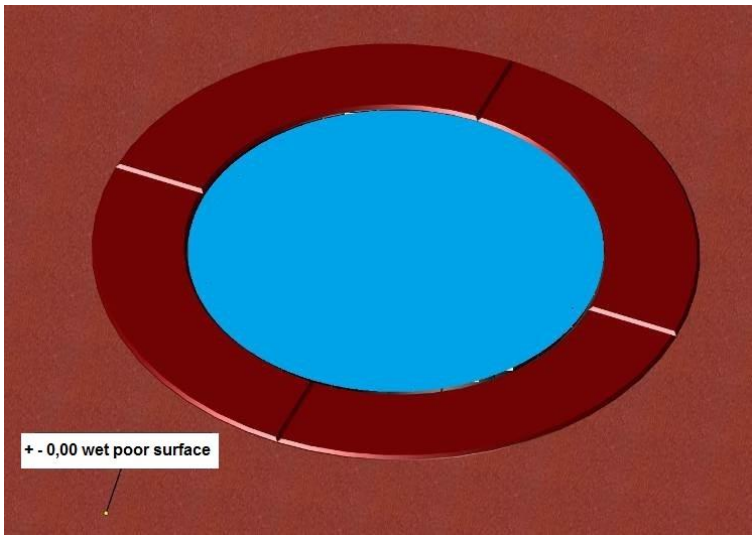

Pos. 1

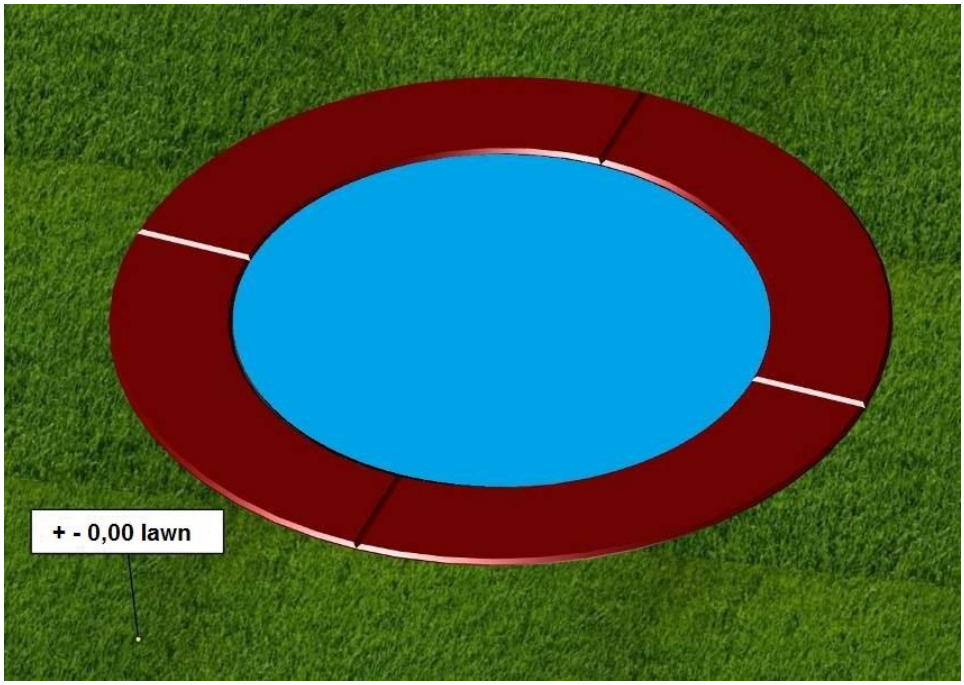

Pos. 1
Pos.2
mE


wet poor surface
for height of fall
of 1,00 m
40 mm fall protection
is already in place
compress soil!
thickness is proven
according to HIC
trampolineframe
sealing cord (Pos. 11)
drainage
440
≈ 300
100


Pos. 11


Pos. 11
Pos.1
Pos.2


+ - 0,00 wet poor surface


+ - 0,00 lawn

6 Cleaning: Hanging out of the springs

7 List of abbreviations

A.z.Ar.	Digging size approx. Ø 2,40 m **Trampoline/Foundation frame (Ø 1,90m) + parting line additional working area**
Dt	Details
G	Drainage layer
O.K.	Upper edge of playing level
PS	Safety area
Lot! **OK.-Tr.**	**Upper edge of trampoline:** Install equally level
mE	**The area around the trampoline has to be filled with soil** **(do not compress mechanical!)**

See drawings for details of shortcuts

8 Post installation checks

If the equipment has not been installed safely, you must ensure that the public is prevented from using it!

8.1 Marking filler depth

Labelling the posts to show the depth of material provided as fall protection (i.e. loose filler)

8.2 The equipment has not been installed safety in the following cases:

- Safe equipment installation is not complete
- The protective surface has not been installed yet.
- Appropriate maintenance work cannot guarantee operational safety

8.3 Removal of all assembly aids

Please make sure that all assembly aids have been removed from the playing area. The equipment must not be approved for use until this check has been made.

8.4 Information about inspection of the equipment before it is used for the first time

There are no special inspection requirements to be met before the equipment is used for the first time.

8.5 Retighten bolts

After one week of play, please retighten all bolts again. Later upon respective maintenance.

B. Instruction for maintenance

Revision history

Revision 0 – 2018-12-12

First allowed version FH

Instruction for maintenance
Revision 0 – 2018-12-12 VG

All rights reserved

© Copyright 2018 Spogg Sport-Güter GmbH

Introduction Maintenance

General inormation:

The equipment should be installed, inspected, maintained and operated in accordance with EN 1176-7 guidelines.

The BG/GUV-SI 8095 is the basis of installation in schools and kindergarden in Germany.

Please note: Providing any necessary repairs are carried out, a piece of play equip-ment that is inspected regularly cannot become so damaged that it is dangerous.

Any spare parts which may be required can be obtained directly from your supplier or from Spogg Sport-Güter GmbH

address: Spogg Sport-Güter GmbH
Schulstr. 27
35614 Asslar/Berghausen
Tel. 049 6443 81 12 62
Fax +49 6443 81 12 69

This equipment should only be assembled, maintained and repaired by persons with the necessary expertise.

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

This maintenance instruction is based on the standard "EN 1176-1-2017"

General maintenance information

- **Maintenance intervals**
  It is highly recommended to conduct the regular maintenance and checks within the giving periods.

- **Maintenance intervals in the event of intensive use**
  Please note that more frequent inspections and /or maintenance are required if the play equipment is subject to intensive use!

- **Faults that compromise safety**

In the event of a fault that compromises safety, quick action must be taken. This may involve repairing it immediately or shutting down and dismantling the equipment.

- **Faults that compromise 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 damage should also be repaired immediately.

Regular inspection and maintenance work

- ## Inspection frequency
  - Maintenance intervals are based on average use. Please note that more frequent inspections and/or maintenance are required if the play equipment is subject to intensive use.
  - Factors that affect frequency include vandalism, location (e.g. coastal proximity), air pollution and the age of the equipment!

- ## Monthly maintenance
  - Check the ground surface in the area with fall protection for hard objects and loose foundations.
  - Check the surface of wooden parts for damage caused by the weather or external influences and mould repair or replace if necessary. (Just for trampolines with wood)
  - Maintenance of fall protection surfaces
  - Maintenance of the jumping mat
  - Maintenance of the springs

- ## Quarterly maintenance
  - Detailed inspection of the operation and stability of the equipment paying particular attention to any wear and tear.
  - Repaint and retreat surfaces
  - Maintenance of fall protection surface.
  - Check the height of the fall and top up with loose filler if necessary. If the posts are labelled, top up as far as the mark.

- ## Half yearly maintenance
  - Ascertaining that the equipment, foundations and surfaces are safe for operation.
  - 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 ap-plied to corroded areas and scratches.
  - Pollution under the jumping mat has to be removed.

- ## Spare parts
  - All spare parts must conform to the manufacturer’s specifications!

- ## Identifying spare parts

  All spare parts are listed. The parts list follows the installation requirements.

- ## Special instructions for the disposal of individual equipment components

  No special instructions are necessary for the disposal of individual equipment components.

- ## Special measures during the break in period.

  No later than 2 weeks after assembly, all screwed connections should be checked and tightened if necessary.

- ## Discharge outlet

  All discharge outlets need to be fully opened.

- ## Maintenance of protection surfaces

  Surfaces providing fall protection must also be maintained regularly. It is particularly important to maintain the correct level of loose surface material and add more if necessary.

- ## Faults

Faults must be repaired as soon as they are detected. If serious defects that compromise safety cannot be repaired straight away, the public must be pre-vented from using the equipment with immediate effect.

- ## Loose screws

Loose screws always cause quality problems and put safety at risk. Therefore, loose screws should always be tightened and checks carried out to ensure that there are no missing screws (e.g. look out for holes you can see through).

- ## Closure of the device

  The device has to be closed due to the following reasons: incomplete installation, disassembly, maintenance and repair work and defacts

The equipment must be inspected by someone with the necessary expertise in strict compliance with the instructions issued by SPOGG Sport-Güter GmbH.

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

Maintenanceprotocol

Name of item: _____ / Art.-No.: _____

Location: _____

Customer or operator: _____
(Town, Town council, Kindergarten)

Date of inspec-tion	Inspector	O.K.	Acces-sible	Barriered	Defects	Re-paired by	Date

Please copy and return once a year after main inspection has been carried out to the manufacturer by Telefax +49 6443 811-269 Place the confirmation form in your existing play equipment files.

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 Spogg Sport-Güter GmbH per Telefax +49 6443 811-269

Art.-No.: _____

Type of item: _____

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)

(seal)

Date: _____