Instructions for Use, Maintenance and Installation

Kids Tramp Track
Article ID: 97004 - 97009

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1. Safety rules

The trampolines have been inspected according to DIN EN 1176.

2. Description Kids Tramp Track

2.1 Possible locations for Kids Tramp Track

The trampoline with the yellow jumping bed (model „Kindergarten“) should basically be installed only in supervised areas. If you have a black jumping bed (model „Playground“) you will be allowed to install the trampoline in unattended areas.

- Public parks
- Garden show area
- Schools and kindergartens
- Water parks
- Recreation parks
- Camping grounds
- Shopping malls
- Pleasure grounds
- Supervised/not supervised playgrounds (depending on the jumping bed)
- Vital parcours, fitness paths, fitness parcours

2.2 Product description

The product range Kids Tramp Track belongs to the ground trampolines, i.e. it was constructed to be put into a pit. The yellow jumping bed was developed for the usage in the outdoor area. It is not allowed to use it with shoes. The black jumping bed can be used with shoes.

2.3 Technical data and dimensions

- Hot-dip galvanized frame made of steelprofile
- Dimensions: length: optional, width: 1,56 m, depth: 0,71 m
- Jumping bed: length: optional, width: 0,89 m made of PVC-covered fabric with embossed surface for an optimal grip (yellow jumping bed, weather-resistant, not resistant to vandalism) or made of sixfold steel wire reinforced webbing (black jumping bed, weather-resistant, resistant to vandalism)
- Steel springs: hot-dip galvanized
- Anchor bars: hot-dip galvanized
• Frame cover made of 30 mm bonded impact protection + screen printing boards
• The trampoline is demounted when it is delivered.
• The anchor bars will have to be hooked into the jumping bed.

2.4 Terms of use
When the trampolines are positioned in schools and nurseries the BG/GUV-SI 8095 has to be reconsidered.
• The usage of the trampolines is forbidden during humid and icy weather, rain and snow.
• The yellow jumping bed was developed for the usage in outdoor area. It is not allowed to use it with shoes. The steel wire reinforced webbing can be used with shoes.
• It is only allowed to jump on the trampolines in the manner described. Jumping is restricted to foot jumps. Back jumps, belly jumps as well as somersaults are forbidden.

3. Building technique

3.1 Planning details
• The kind of arrangement of the pit and of its surrounding area depends on the local conditions.
• In case of doubt please ask the horticulturist respectively the responsible building company, which is in charge of trenching.

3.2 Installation details
The trampoline is demounted when it is delivered. It will be installed on-site ready for use by a qualified staff ordered by the dealer. There should be sufficient people who help to get the trampoline down off the truck and carry it to the final location.

3.3 Weight
The weight per mounted frame depends on its length. One meter of the track weighs approximately 40 kg - without springs, jumping bed, screen printing boards and impact protection.
3.4 Time needed to install the trampoline

The Kids Tramp Track is demounted when it is delivered. To put it into the pit and its installation takes approximately 120 minutes (depending on the length of the track). To glue the impact protection on the frame will take 30 to 60 minutes.

3.5 Dig a pit

- Please dig the pit as suggested in the attached technical drawing (technical drawings from page 4).
- If the ground is not very stable (sandy), please fix the walls with concrete or stone plates.
- The steel frame can be put on the ground or on a circular concrete base. In the corners there should be at least provided appropriate bed-plates.
- Please consider „shoring up” the lower sides of the pit to prevent collapsing the ground.
- If the ground does not drain naturally (water-impermeable), a suitable drainage (e.g. washed grift) must be installed. So that the water is able to infiltrate into the ground. If the ground is waterproof (e.g. brickearth, cement bed) there was the risk filling up.

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**Installation video 6 m track**

[vimeo.com/eurotramp/track6m](vimeo.com/eurotramp/track6m)

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**Installation video 8 m track**

[vimeo.com/eurotramp/track8m](vimeo.com/eurotramp/track8m)
Installation drawing Kids Tramp Track 4 m (Article ID: 97004)

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**Installation Concept**

- **A-A (1:30)**
  - L-shaped concrete parts 500x400x400 as a solid base for the steel frame.
  - Anchorage according to manufacturers' instructions.
  - Protect any cavities with proper fleece against vegetation and fill with gravel or sand.

- **B-B (1:30)**
  - Beveled concrete strip footing as solid base for front ends of steel frame.
  - Including two bolts (sticking out 30mm) at a distance of 1160mm (e.g., 20 steel tube).
  - Distance from bolt to end of pit 65mm.

- **C (1:10)**
  - Depth of concrete strip footing 120mm.
  - Width of pit including L-shaped concrete parts 2160mm.
  - Length of pit (varies according to length of track) 1560mm.
  - Width of pit 200mm.
  - Height of concrete strip footing 800mm.
  - Depth of pit 860mm.

- **Fig. 1**
  - L-shaped concrete parts have to be modified around steel legs of track.
  - Protect from all sides with proper fleece against vegetation.
  - Compressed gravel with drainage in case of solid ground with drainage pipe.

- **Elements**
  - **30mm safety slabs**
  - **Approx. 30mm resin coated plywood**
  - **120x60x3mm rectangle tube (frame)**
  - **Concrete strip footing at front ends**
  - **Concrete strip footing**
  - **Frost-proof**

- **Copyright by Eurotramp. All rights reserved. Referred to protection notice ISO 16016**

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Installation drawing Kids Tramp Track 6 m (Article ID: 97006)

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**Datum Name**

Bearb. Gepr. Maß stab Werkstoff

Rohteil/Halbzeug/Ausgangsteil

Benennung:

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Ähnlich: Ers. für

Zeichnungs - Nr.

Model - NR.

Name Datum Änd - Nr.

Änd - Ind

Blatt:

Eurotramp-Trampoline Kurt Hack GmbH

conrad22.02.2012

Kidstramp Track 6m

4.02 Bahn 6m eng

4.02 Bahn komplett 6m

PLOTUSER 00.00.0000

1:40

1

Datum: A3

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Installation concept:

- Laid on the surface of the bedrock in the case of solid ground with drainage pipe
- Concrete pavement counter footing
- Steel frame anchorage according to manufacturers’ instructions

Protect any cavities with proper fleece against vegetation and fill with gravel or sand

**Dimensions:**

- Length of pit (varies according to length of track)
- Width of pit including L-shaped concrete parts
- Depth of concrete strip footing
- Height of concrete strip footing
- Distance from bolt to end of pit
- Width of pit
- Length of pit

**Materials:**

- 20 steel tube
- 30mm safety slabs
- Approx. 30mm resin coated plywood
- 200 compressed gravel
- 800 height of concrete strip footing
- 860 depth of pit

**Notes:**

- Always protect from all sides with proper fleece against vegetation
- L-shaped concrete parts have to be modified around steel legs of track (fig. 1)
- Installation concept may vary!
Installation drawing Kids Tramp Track 8 m (Article ID: 97008)

beveled concrete strip footing as solid base for front ends of steel frame
including two bolts (sticking out 30mm) at a distance of 1160mm (e.g. 20 steel tube)

L-shaped concrete parts have to be modified around steel legs of track (fig.1)

64 distance from bolt to end of pit
120 depth of concrete strip footing
8330 length of pit (varies according to length of track)
200 compressed gravel
800 height of concrete strip footing
860 depth of pit
2000 width of pit
2160 width of pit including L-shaped concrete parts

30mm safety slabs
approx. 30mm resin coated plywood
120x60x3mm rectangle tube (frame) resting on concrete strip footing at front ends

compress gravel with drainage
in case of solid ground with drainage pipe

protect any cavities with proper fleece against vegetation and fill with gravel or sand

30mm safety slabs
around terrain
protect from all sides with proper fleece against vegetation

Eurotramp Trampolines
Kurt Hack GmbH
conrad22.02.2012

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Ähnlich: Ers. für:
Zeichnungs - Nr.: Model - NR.: Änd. - Nr.: Änderung
Datum: Blatt:
Datum Name Bearb. Gepr. Maß stab Werkstoff Rohteil/Halbzeug/Ausgangsteil
Benennung:

Datum: Blatt:
3.6 Surrounding area
The planning of the surroundings of the ground trampoline depends on the particular circumstances. As a soil material we recommend the use natural soil or alternatively bonded impact protection with a maximum height of fall of at least 100 cm.

3.7 Installation of the jumping bed
• First of all you will have to create a suitable base in the pit (e.g. concrete L-shape stones).
• Then put the steel frames on the pit and screw the edges together with the foot (according to picture 1).
• The frame has to be completely built up and screwed together in the pit before the jumping bed can be mounted.
• Installation of the jumping bed (embossed side facing up), the upperside of the reinforced belt fabric is marked (thick fibre).
• Hinging of the jumping bed (to be effected preferably by 2 persons).
• First of all hinge 2 steel springs per corner to fix the jumping bed.
• Then fix the springs at the jumping bed side.
• Fix the springs at the long frame side first and then at the front side. Please fix the springs on the opposite side simultaneously. This is to prevent the springs of being unnecessarily overstretched.
• Afterwards the screen printing boards will be screwed together with the frame.
• Finally the bonded impact protection will be glued on the screen printing boards with the glue which is included.

The metal angles shown on the left serve as a stilt for the screwed screen printing boards. The accordingly equipped frame profiles have to be mounted with the closed side of the angle pointing upwards.
3.8 Special tools needed to install the trampoline
No special tools are required to install the trampoline. If you need to change springs use the mounting tool which is supplied with every trampoline.

3.9 Safety space
_Above:_ above the trampoline there should be a free space of approximately 3.5 metres (no trees, power lines, etc.)
_Surroundings:_ around the trampoline you must conside a safety area of at least 1.5 metres at all sides.

3.10 Care instructions
The Kids Tramp Track does not require any special care.

4. Safety rules
To enjoy jumping on a trampoline it is extremely important to avoid accidents and injuries. The best prevention of accidents and injuries is respect of jumping and observing some safety rules.

The **most important rules**:
- Jump alone as several jumpers at one time poses a big risk.
- Never jump off the trampoline. You will put yourself at risk if you underestimate the forces on the trampoline.
- Consider your skills as far as condition and motor function are concerned.
- Jumping off the trampoline and uncontrolled jumping can cause performers to land on the head or neck leading to serious injuries. Thus all kind of exercises which include somersaults and belly jumps are strictly forbidden.
- Please act with caution in the cold season. After having removed the snow from the jumping bed it can be used again.
- Big and permanent snow load will unnecessarily weigh down the springs. The snow has to be carefully removed. As an alternative the jumping bed has to be dismantled during the winter months. There is optionally the possibility to purchase a walkable wooden coverage. It will protect the jumping bed against climatic influences and prevents the use of the trampoline.
- Strong gusts of wind are likely to affect jumping on a trampoline.
• In case of several trampolines that are installed next to each other please do not jump from the one trampoline to the other one.

5. Maintenance and repairs

If you notice any defects of the jumping bed, the rubbersheets or the steel springs which make it difficult to jump in a safe way, block the trampolines and repair the defects immediately. If you have any doubts about whether the trampoline is fully functional, just ask competent people (e.g. the institution that operates the playground, the equipment handler or the maintenance company). If you want to clean the pit, just remove the jumping bed at least in part by unhinging the steel springs.

5.1 Measures

• Substitute missing parts.
• Exchange broken jumping beds.
• Exchange any springs which are overstretched or broken. To find out whether a spring is overstretched just have a look at the spring body and see whether it is equally twined. The spring is also broken when you stretch it and afterwards it does not recover its original form. To unhinge the steel springs, please use the mounting tool which is delivered together with the trampoline. The spring can now be removed from the shrink-wrapped anchor bar. To hinge the springs again it is of importance that the spring ears point downwards. Fix the single spring at the frame side first and then at the jumping bed side. For doing so use the mounting tool. It is easier to hinge the steel springs at the jumping bed side if you put up the anchor bars of the bed.
## 5.2 Maintenance and repairs cycles

<table>
<thead>
<tr>
<th>Type of inspection</th>
<th>Frequency</th>
<th>Content</th>
</tr>
</thead>
<tbody>
<tr>
<td><strong>Normal visual inspection</strong></td>
<td>• Monthly, if the Kids Tramp Track is used occasionally</td>
<td>• Visual control of the jumping bed, impact protection and number of springs</td>
</tr>
<tr>
<td></td>
<td>• Weekly, if the Kids Tramp Track is used quite a lot</td>
<td>• Check whether the Kids Tramp Track and its surroundings are clean and whether there are any sharp edges, etc.</td>
</tr>
<tr>
<td></td>
<td>• Daily, if the Track is used very often or if there is a big risk of vandalism</td>
<td></td>
</tr>
<tr>
<td><strong>Operational inspection</strong></td>
<td>Every three months if the ground trampoline is used occasionally, every month if it is used a lot.</td>
<td>Additionally to the visual control:</td>
</tr>
<tr>
<td></td>
<td></td>
<td>• Control whether the pit has been filled up with grit or anything else</td>
</tr>
<tr>
<td></td>
<td></td>
<td>• Control whether there are any defects caused by corrosion</td>
</tr>
<tr>
<td></td>
<td></td>
<td>• Control whether there are any missing parts</td>
</tr>
<tr>
<td></td>
<td></td>
<td>• Control whether there has been excessive wearout</td>
</tr>
<tr>
<td><strong>Annual main inspection</strong></td>
<td>Annually</td>
<td>General control whether the ground trampoline is fool-proof. That’s why additionally to the visual and operational control you have to check whether</td>
</tr>
<tr>
<td></td>
<td></td>
<td>• The jumping bed is hinged properly</td>
</tr>
<tr>
<td></td>
<td></td>
<td>• The frame has any fracture or other defect</td>
</tr>
<tr>
<td></td>
<td></td>
<td>• The steel springs are broken or overstretched</td>
</tr>
<tr>
<td></td>
<td></td>
<td>• The spring ears point downwards both at the jumping bed side and at the frame side</td>
</tr>
</tbody>
</table>
6. Parts list

<table>
<thead>
<tr>
<th>Name of the item</th>
<th>Unit</th>
</tr>
</thead>
<tbody>
<tr>
<td>Longitudinal frame parts</td>
<td>Depending on the length of the track</td>
</tr>
<tr>
<td>Short side frame parts</td>
<td>2</td>
</tr>
<tr>
<td>Base for the cross connection</td>
<td>Depending on the length of the track</td>
</tr>
<tr>
<td>Tension springs for the Kids Tramp Track</td>
<td>Depending on the length of the track</td>
</tr>
<tr>
<td>Wooden covers - lengthwise</td>
<td>Depending on the length of the track</td>
</tr>
<tr>
<td>Wooden covers - crosswise</td>
<td>2</td>
</tr>
<tr>
<td>Jumping bed</td>
<td>1</td>
</tr>
<tr>
<td>Impact protection</td>
<td>Depending on the length of the track</td>
</tr>
<tr>
<td>Typelabel with warnings</td>
<td>1</td>
</tr>
</tbody>
</table>

* Attention: TÜV-relevant
Please: it is only concerned to use the bonded impact protection from the company „Kraiburg“.

All spare parts are available from Eurotramp upon request!

If you have any questions please do not hesitate to contact us:

Eurotramp Trampoline - Kurt Hack GmbH
Zeller Straße 17/1
73235 Weilheim
Tel. 07023 - 9495-0
Fax 07023 - 9495-10
E-Mail eurotramp@eurotramp.com
www.eurotramp.com