

The Child at Play

Selection of equipment
for smaller children



Richter Spielgeräte GmbH



The Child at Play

The crucial foundation stones of the personality are laid in the first years of our life. These years are the years of play, because play defines a child's life. Without play a child cannot grow into a well-balanced, self-confident person. Play makes development possible throughout all areas of human existence. The child's mind develops, body and senses are challenged and the intellect trained. Play warms the heart and brings about socialisation, the child has to play or otherwise it doesn't learn how to live.

We would like to play our part in helping children achieve this with what we do. Children should become totally absorbed in play and, above all, enjoy and have fun with our play equipment.

With this catalogue we would like to show you a selection of play equipment which is especially suitable for the outdoor areas of

- kindergartens
- after-school care clubs
- crèches
- children's homes

and toddler's areas of public playgrounds. Our selection is suitable for small children.

When we design play equipment, we put play value first. We ask ourselves the following questions:

- Does our play equipment provide a great incentive to play, one that lasts? And is its appeal so large that it motivates the desire to play?
- Can the play equipment promote skills and stimulate mental processes?
- Is it enjoyable and to use and is it satisfying to play with?

Whether we have achieved this is shown by:

- Observations at our test playground, where all the equipment has to first go through a trial phase.
- Observations of prototypes which our customers have tested.
- Conversations with people who have experienced our equipment in the trial phase.

Only after we have received satisfactory answers does our new play equipment find a place amongst our offers. Thereafter, like all the others, it has a special **play value**, and is likewise produced in an **environmentally-friendly** way and stands out due to its high level of **safety** and **stability**.

Frasdorf, June 2014



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Quality Criteria - For additional explanations of the quality criteria please refer to our price list.



de-barked

de-barked means: bark, cambium and sapwood are removed, by this, the natural shape and unevenness of the timber is preserved



angle cut

vertical support posts with angle cut in the end grain section as constructive wood preservation



perforated

the earth/air zone of the wood is perforated by small bore holes to ensure that the impregnating agent penetrates this particularly endangered zone



Fürstenberg Permadur System

In particular cases such as equipment with a single support and with climbing forest posts we additionally use the patented Fürstenberg Permadur System



core-free

sawn-timbers are core-free, by that formation of cracks can be reduced



claddings

thickness 3 - 4.5 cm, de-barked by hand, by that, the natural surface of the tree remains perceptible



tongue and groove

platform boards of 40 mm tongue and groove boarding



laminated

laminated wood glued according to DIN 1052



hardwood rungs

climbing rungs of hardwood, milled and mortised, Ø 42 mm



plywood

three-layer waterproof plywood of larch, 30 mm or 40 mm



one-piece construction

total construction of slide of 2 mm stainless steel, mould-profiled longitudinally, no welding seams along the slide surface



rubber seat

rubber seat with anatomically correct shape, strong profiled steel insert and soft shock absorbing edge



pendulum seat

with large rubber surface, with a soft, protecting edge and steel insert



impact absorbing

swing platform of waterproof plywood, covered in milled-off half-tyre for impact absorption, four suspensions held with a metal ring



milled-off tyres

sand containers made of milled-off tyre segments to make the elements clean, smooth, soft and light



Corocord® rope

special ropes of „Hercules“ type

six-strand Corocord® rope of the special „Hercules“ type, abrasion protected through heating of the six steel strands and melting the polyamide sleeve onto them



aluminium swages

double-conical aluminium swages with rounded-off ends



S-clamps

neatly rounded Corocord® S clamps made of stainless steel, Ø 8 mm



swing joint

drop-forged and hot-dip galvanised swing joint with bush with graphite sleeve for self-lubrication and integrated swivel



universal joint

drop-forged and hot-dip galvanised joint yoke; the universal joint insert consists of two swing bearings



rope connection rotating

close fitting connection without dangerous openings, with integrated swivel, the bearing consists of one brass bush



rope connection fixed

close fitting connection without dangerous openings



rope connection with joint

close fitting connection without dangerous openings; the bearing consists of one brass bush



rope connection ball bearing joint

this rope connection with a ball joint prevents the unravelling and thus rapid wear of ropes subjected to stress



double rope connection

the double rope connection is an effective and durable construction for complicated swing and swivel motion



concealed head

large surface for pressure distribution, prevents water from getting inside, protects the bolt head



adjustable

no projecting threads after re-tightening due to two-piece bolt connection and therefore easy to maintain



strong fastening

bolt connections with milled metal rings for connections which are stressed cross-wise



end grain connectors

special adjustable fittings for connecting horizontal timbers to standing timbers



brass bush

for all to and fro movements we use bush bearings which allow for self-lubrication while in use and which can be easily exchanged in case of need



steel reinforced rubber belt

two way steel armoured rubber belt, almost indestructible, total thickness approx. 11 mm

**tensioning device**

the cable goes over a winch in a big radius. Thus the tensioning adjustment can easily be done by one person

**travelling crab**

our travelling crab is made in a sandwich construction. Due to its isolated mechanism, sound proof working is ensured. The travelling crab can be installed without dismantling the cable

**special lifting cable**

for our cableways we use a special lifting cable made of pure steel which is irrotational, impregnated, length-stable and bending stress resistant

**ground anchor**

steel feet hot-dip galvanised

**ground anchor**

foundation anchor made of phenol resin paper based laminate

**crossbar**

of galvanised steel, with rigid corner connection by that smaller foundations are possible

**chains**

suspended on short-link chains, welded before hot-dip galvanisation (stainless steel chains available on request)

**distance fitting**

to avoid entrapment of chords

**Starting element of slides**

enlarged entry with climbing structures for a safe change from climbing to sliding

**relief cut**

a kerf sawn along the underside of the trunk at a suitable place to pre-empt cracks that would form naturally

**ball bearing**

low-maintenance, easily replaceable ball bearings made of stainless steel

Richter Wood Quality Criteria for Larch Wood

Origin

Exclusive use of mountain larch (bot. *larix decidua*) from the Alps. It grows 1000 - 1800 m above sea level and comes from sustainable forestries. Since October 2001 our wood supplier is certified according to EN 45011 PEFC. The certificate confirms that the produced and traded sawn and round timbers come from sustainable forestry.

According to an official ranking, larch is a moderately rot-resistant type of wood - considerably less durable than oak or, particularly, robinia.

However, there are different kinds of larch. The larch which we use for our production grows in the mountains at a height of more than 1000 m above sea level. Therefore, it has considerably better wood physical properties (and thus should actually be called *larix decidua montana*).

This advantages of this mountain grown larch are considerable:

- less resin galls,
 - less splinters,
 - closer year rings,
- thereby higher stability and enhanced durability.

Felling time

Our larch trees are felled in winter so that the cut wood can dry before fertile fungus spores, which can lead to early decomposition, appear.

Corning

During the natural ageing process of the tree, core materials are deposited in the wood. This corning is responsible for the rot-resistance of the mountain larch. Good corning and therefore suitability for ground insertion is recognisable to our colleagues by the red colour of the wood.

Sapwood

We have tightened the Richter wood quality criteria. Timbers of mountain larch are delivered practically without sapwood.

Year rings

Wood with close year rings is more resistant to rot. Wood intended for ground insertion and for horizontal beams has particularly close rings. Our poles have at least 8 year rings in the outer 2 centimetres.

Evenness

We ensure that poles inserted into the ground and horizontal beams have centred rings so that close ring wood lies near the outer edge. We do not permit an eccentricity of the piths of greater than 3 cm.

Fungal attack

Occasionally even a standing tree is attacked by fungus. Such wood only gives limited durability, which is why we carefully sort it out.

Wood moisture

Wood-destroying fungi require high levels of moisture in the wood. We increase the lifespan of our wood through natural open-air drying. Advanced drying in the poles is demonstrated by the appearance of splits. Our sawn timber is already dried to 20 % of original wood moisture before it is used for construction.

Since 1989 we have manufactured much of our wooden play equipment of unimpregnated mountain larch. Our play equipment made of unimpregnated poles of mountain larch stands as a rule on steel feet. For short vertical pole length we do without steel feet construction more and more. For square timbers inserted into the ground we use oak core timber. The end-grained timber surfaces are cut on the cross and covered with paraffin wax.

All equipment printed in red in our price list is made from unimpregnated mountain larch which has been selected according to the eight Richter quality criteria.

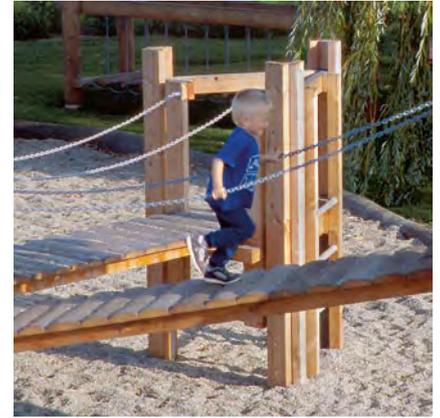


Huts and House Combination

Housing

There's conflict over a little wooden hut. A little boy stomps angrily around outside and wants to come in. Inside sits someone quietly and slightly covered by shadows, not saying anything. Despite his shouts the angry one doesn't push his way into the hut but respects the closed but easily opened door as a boundary. A question to the boy in the hut: Why don't you let him in, you're not doing anything? From the dim interior resounds a dignified reply: I LIVE here.

Regardless of whether people are big or small, everyone has the desire for a protective roof over their heads and the security of their own four walls. Given the opportunity, children build dens in bushes, tree houses, nests in beds, a hut under the cellar steps, a cardboard box house; they are building themselves a home. There they have their very own home where they feel safe; they can set themselves apart, are protected and hidden from the adult world. This activity which they themselves choose to do, manageable and achievable, is the right framework to live in peace and quiet and to play at everything that life has to offer. We've copied our play huts from children and their needs.



Order No. 3.12100 Small Triangular Hut

Play value

The Triangular Hut without combination equipment is a house for family role plays and other games on one or two levels. If the Hut is combined with a slide or other attractive play equipment, it represents a versatile "mini-playground" in limited space. The Triangular Hut is an unusual basic element which adds to the value of playgrounds.

Fundamental characteristics

- child proportions according to ergonomic requirements
- one or two play levels
- natural wooden surface which appeals to the senses
- variable basic elements offering many opportunities for combination
- incentive for playing: role games in small, cosy rooms
- movement: climbing

Suitable

- for children from 3 years
- for playgrounds situated near houses
- nurseries
- public playgrounds



Order No. 3.12300 Triangular Hut

Huts for combination

**Small Triangular Hut
Triangular Hut**



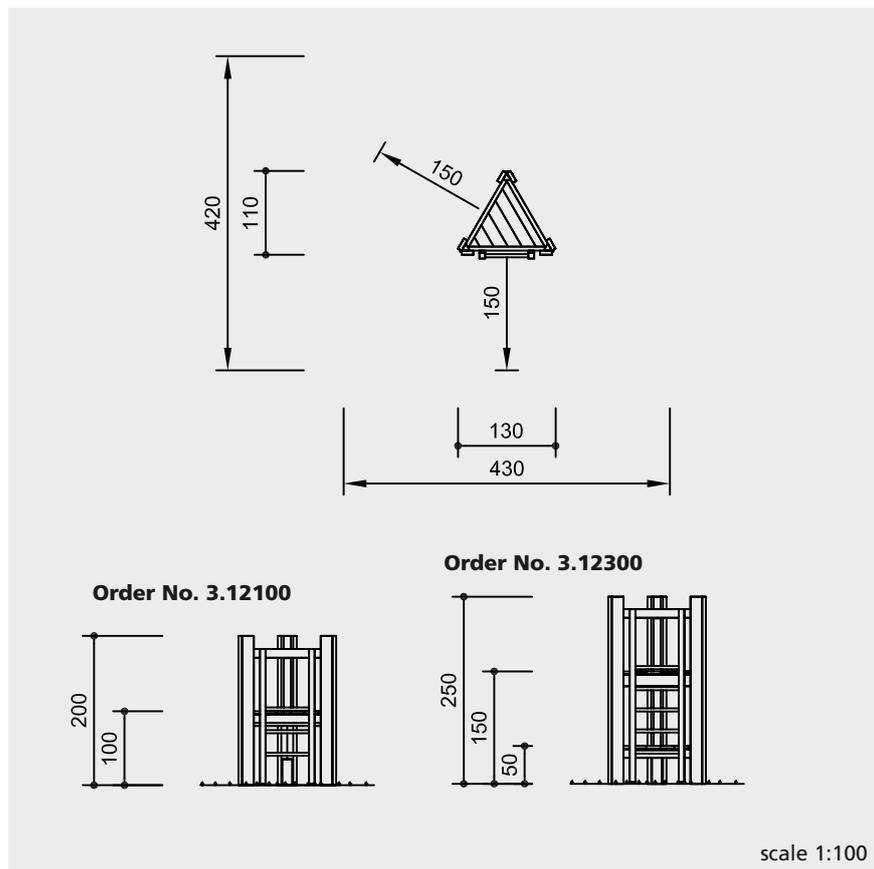
Order No. 3.12300 Triangular Hut



3.12100



3.12300



Safety check according to EN 1176

Components

**Order No. 3.12100
Small Triangular Hut**
3 side parts, 1 ladder, 1 floor,
3 steel feet

Order No. 3.12300 Triangular Hut
as before, but with 2 floors

Installation information

Surfacing requirements
corresponding to a fall height of 1.00 m
or 1.50 m
(please refer to price list for more
detailed information)

Foundations
3 items 40 x 40 x 40 cm
excavation depth 60 cm

Attention:
**Exact measurements may vary, for
all installation dimensions refer to
current installation instructions.**
Technical changes reserved.

Technical information

equipment of mountain larch, selected
according to eight quality criteria

core-free
sawn-timbers core-free, by that
formation of cracks can be reduced



tongue and groove
platform floors of 40 mm tongue and
groove boarding



hardwood rungs
climbing rungs of hardwood, milled
and mortised, Ø 42 mm



ground anchor
steel feet hot-dip galvanised

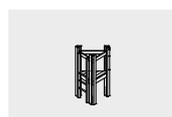


Dimensions
(small deviations possible)

**Order No. 3.12100
Small Triangular Hut**
equipment height 2.00 m
floor height 1.00 m
side length 1.30 m
weight approx. 190 kg

Order No. 3.12300 Triangular Hut
equipment height 2.50 m
floor heights 0.50 m
1.50 m
side length 1.30 m
weight approx. 240 kg

For more detailed explanation of the
quality characteristics see price list.



3.12100



3.12300



Order No. 3.14300 Small Platform Hut with roof

Play value

The Platform Hut without combination equipment is a house for family role plays and other games on two levels. With a roof the Platform Hut even has two covered rooms in which children can feel sheltered. The roof also enables a climbing rope to be attached. If the Platform Hut is combined with a slide, sand-play centre, or with other attractive play equipment, it represents a versatile mini-playground in limited space.

Fundamental characteristics

- child proportions according to ergonomic requirements
- one or two play levels
- natural wooden surface which appeals to the senses
- variable basic elements offering many opportunities for combination
- incentive for playing: role games in small, cosy rooms
- movement: climbing

Suitable

- for children from 3 years
- for playgrounds situated near houses
- nurseries
- public playgrounds



Order No. 3.14350 Small Platform Hut with roof, 2 walls, 2 benches, 1 table

Huts for combination

Platform Hut

Platform Hut with roof

Small Platform Hut

Small Platform Hut with 2 walls, 2 benches, 1 table

Small Platform Hut with roof

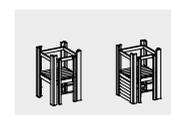
Small Platform Hut with roof, 2 walls, 2 benches, 1 table



Order No. 3.13100 Platform Hut



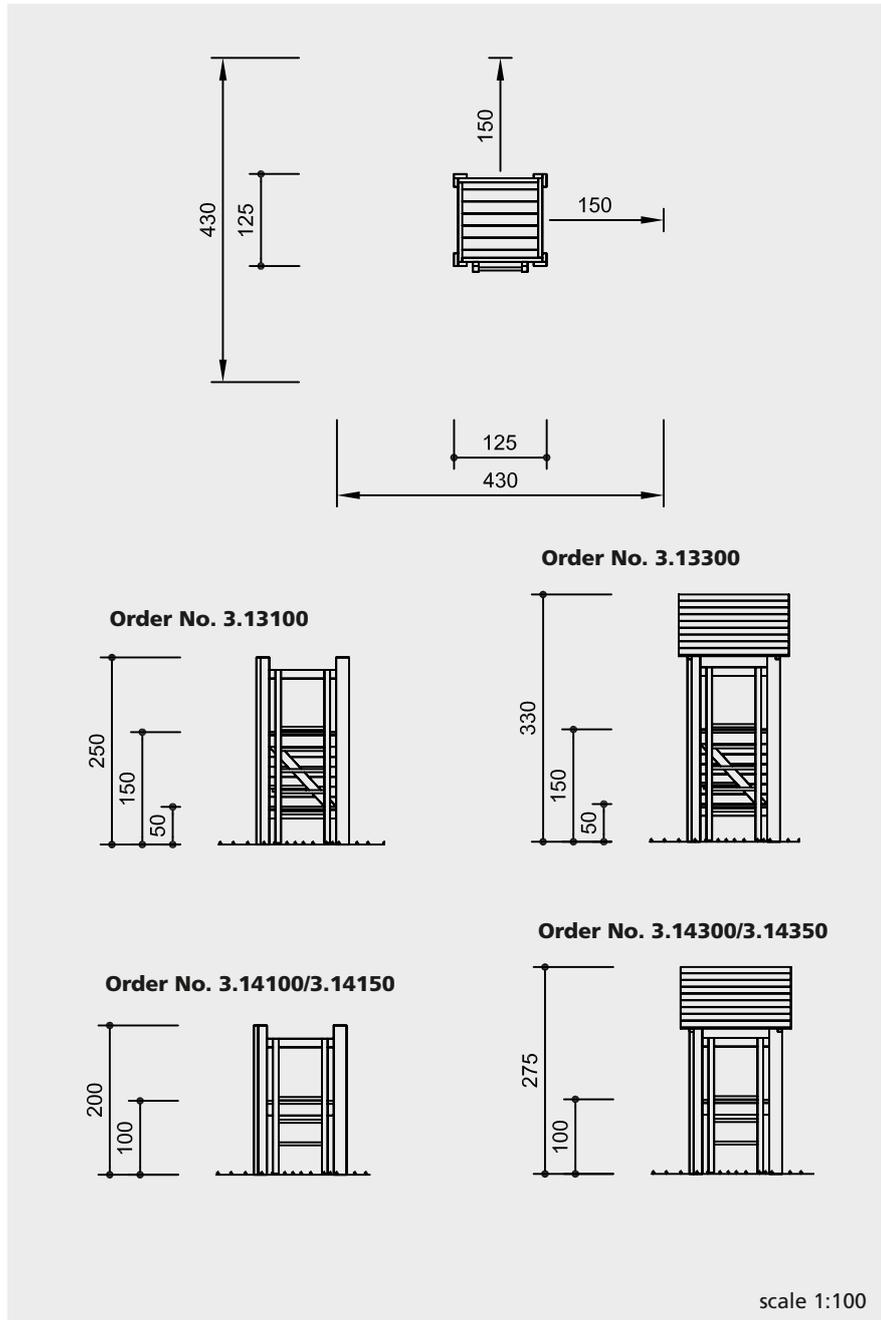
3.13100/3.13300



3.14100/3.14150



3.14300/3.14350



Safety check according to EN 1176

Components

Order No. 3.13100 Platform Hut

4 side parts, 1 ladder, 2 floors, 2 walls, 1 bench, 4 steel feet

Order No. 3.13300 as before, but in addition with 2 roof halves

Order No. 3.14100 Small Platform Hut

4 side parts, 1 ladder, 1 floor, 4 steel feet

Order No. 3.14150 as before, but in addition with 2 walls, 2 benches, 1 table

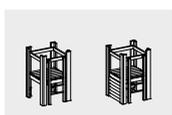
Order No. 3.14300 Small Platform Hut with roof

4 side parts, 1 ladder, 1 floor, 4 steel feet, 2 roof halves

Order No. 3.14350 as before, but in addition with 2 walls, 2 benches, 1 table



3.13100/3.13300



3.14100/3.14150



3.14300/3.14350

Technical information

equipment of mountain larch, selected according to eight quality criteria

core-free

sawn-timbers core-free, by that formation of cracks can be reduced



claddings

roofs made of claddings, thickness 3 - 4.5 cm, de-barked by hand



tongue and groove

platform floors of 40 mm tongue and groove boarding



hardwood rungs

climbing rungs of hardwood, milled and mortised, Ø 42 mm



ground anchor

steel feet hot-dip galvanised



Dimensions

(small deviations possible)

Order No. 3.13100/3.13300 Platform Huts

equipment height 2.50 m
with roof 3.30 m
floor heights 0.50 m
1.50 m
side length 1.25 m
weight approx. 300 kg
roof approx. 90 kg

Order No. 3.14100 - 3.14350 Small Platform Huts

equipment height 2.00 m
with roof 2.75 m
floor height 1.00 m
side length 1.25 m
weight approx. 180 kg
roof approx. 90 kg

Installation information

Surfacing requirements corresponding to a fall height of 1.00 m or 1.50 m (please refer to price list for more detailed information)

Foundations
4 items 50 x 50 x 40 cm
excavation depth 60 cm

Attention:

Exact measurements may vary, for all installation dimensions refer to current installation instructions.

Technical changes reserved.

For more detailed explanation of the quality characteristics see price list.

Play value

Play combinations in the children's environments are particularly homely if versatile roof and building shapes offer opportunities for discovery and diversity for the eyes. The nicely shaped Hexagonal Hut makes a good centre-piece for a play area. Our different play huts are basic elements which can be combined with many linking elements. On the ground floor, there are cosy rooms for role play. Linking elements, by themselves also play equipment, can start from the upper storey and lead to other constructions or to a hill. Interesting linking elements are, for instance, rope or suspension bridge or chain path.

Fundamental characteristics

- child proportions according to ergonomic requirements
- one or two play levels
- natural wooden surface which appeals to the senses
- variable basic elements offering many opportunities for combination
- incentive for playing: role games in small, cosy rooms
- movement: climbing

Suitable

- for children from 3 years
- for playgrounds situated near houses
- nurseries
- public playgrounds



Order No. 3.16350 Hexagonal Hut with roof, 3 walls and 1 bench



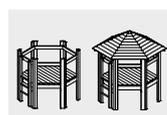
Order No. 3.15300 Small Hexagonal Hut with roof

Huts for combination

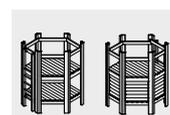
Small Hexagonal Hut
Small Hexagonal Hut with roof

Hexagonal Hut
Hexagonal Hut with 3 walls and 1 bench

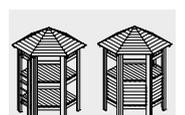
Hexagonal Hut with roof
Hexagonal Hut with roof, 3 walls and 1 bench



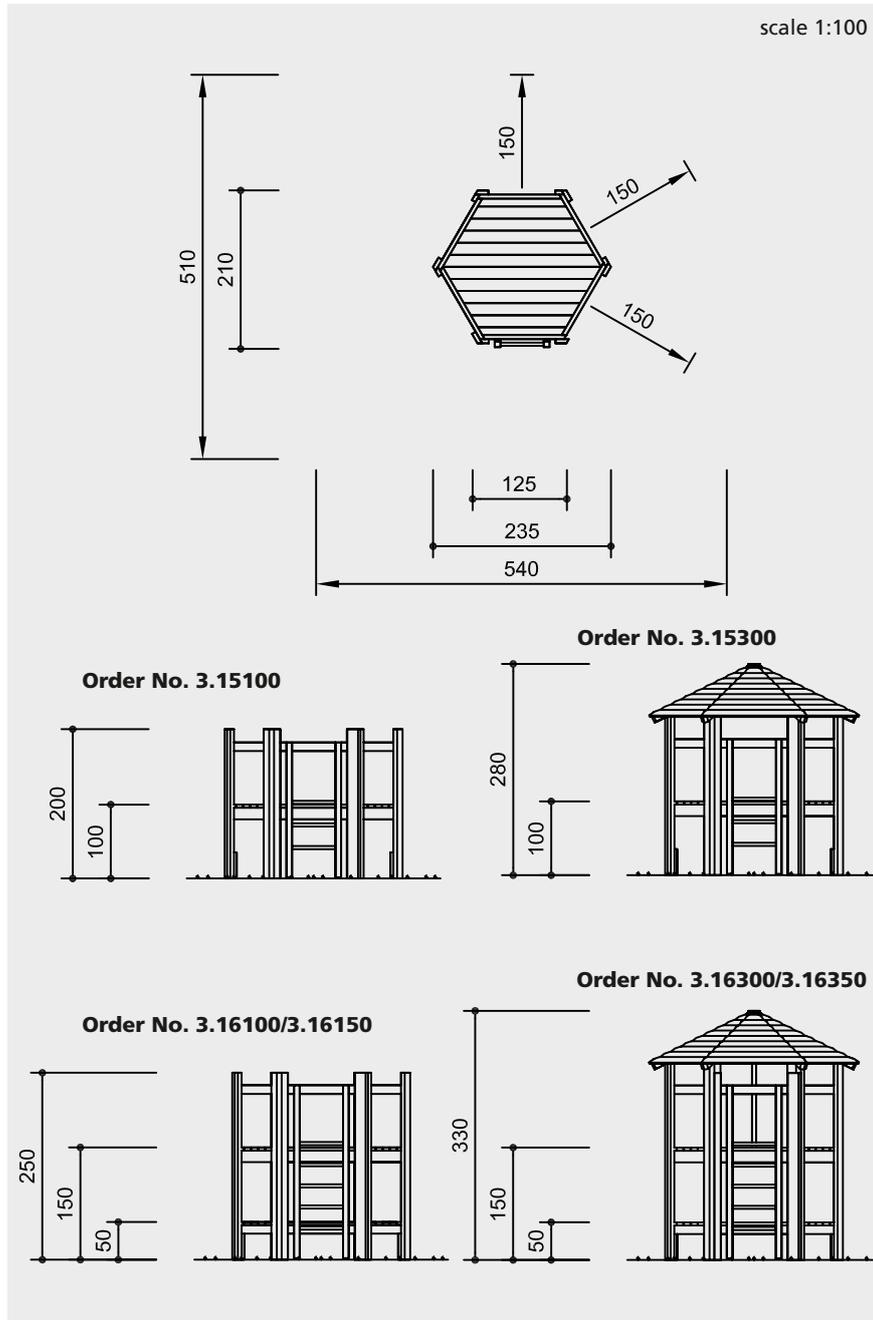
3.15100/3.15300



3.16100/3.16150



3.16300/3.16350



Safety check according to EN 1176

Components

**Order No. 3.15100
Small Hexagonal Huts**

6 side parts, 1 floor
1 ladder, 6 steel feet

Order No. 3.15300 as before, but in addition with six-part roof

**Order No. 3.16100
Hexagonal Hut**

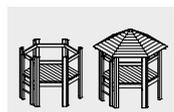
6 side parts, 2 floors
1 ladder, 6 steel feet

Order No. 3.16150 as before, but in addition with 3 walls and 1 bench

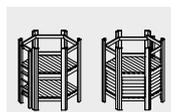
**Order No. 3.16300
Hexagonal Hut**

6 side parts, 2 floors
1 ladder, 6 steel feet
1 six-part roof

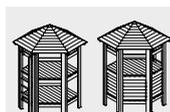
Order No. 3.16350 as before, but in addition with 3 walls and 1 bench



3.15100/3.15300



3.16100/3.16150



3.16300/3.16350

Technical information

equipment of mountain larch, selected according to eight quality criteria

core-free

sawn-timbers core-free, by that formation of cracks can be reduced



claddings

roofs of claddings, thickness 3 - 4.5 cm, de-barked by hand



tongue and groove

platform floors of 40 mm tongue and groove boarding



hardwood rungs

climbing rungs of hardwood, milled and mortised, Ø 42 mm



ground anchor

steel feet hot-dip galvanised



Dimensions

(small deviations possible)

**Order No. 3.15100/3.15300
Small Hexagonal Huts**

equipment height 2.00 m
with roof 2.80 m
floor height 1.00 m
side length 1.25 m
weight approx. 400 kg/580 kg
roof approx. 180 kg

**Order No. 3.16100 - 3.16350
Hexagonal Huts**

equipment height 2.50 m
with roof 3.30 m
floor heights 0.50 m/1.50 m
side length 1.25 m
weight approx. 560 kg/660 kg
roof approx. 180 kg

Installation information

Surfacing requirements corresponding to a fall height of 1.00 m or 1.50 m

(please refer to pricelist for more detailed information)

Foundations

6 items 50 x 50 x 40 cm
excavation depth 60 cm

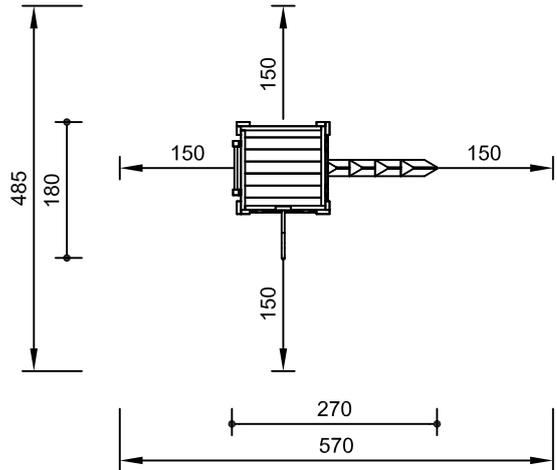
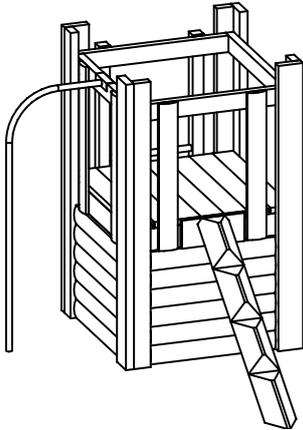
Attention:

Exact measurements may vary, for all installation dimensions refer to current installation instructions.

Technical changes reserved.

For more detailed explanation of the quality characteristics see price list.

Hut Combination 210
Order No. 2.12100

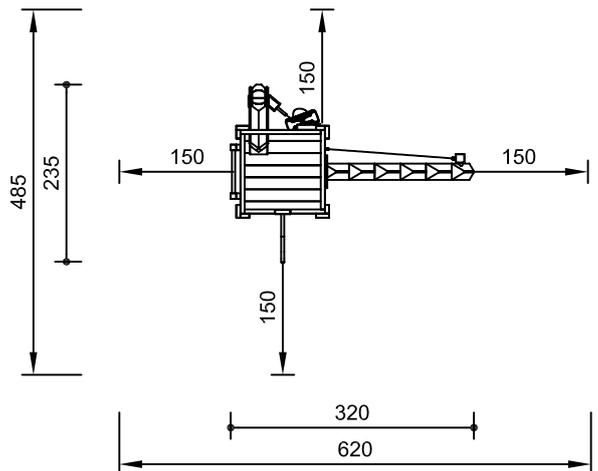
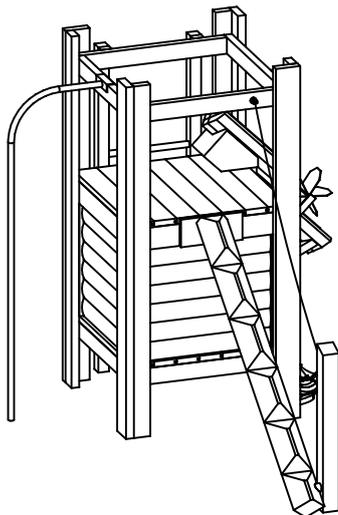


Components	Order No.
1 Small Platform Hut with 2 walls, 2 benches and 1 table	3.14150
1 Climbing Trunk	3.69505
1 Firemen's Pole	3.69480

Required space including safety distances
 5.70 x 4.85 m

scale 1:100

Hut Combination 211
Order No. 2.12110

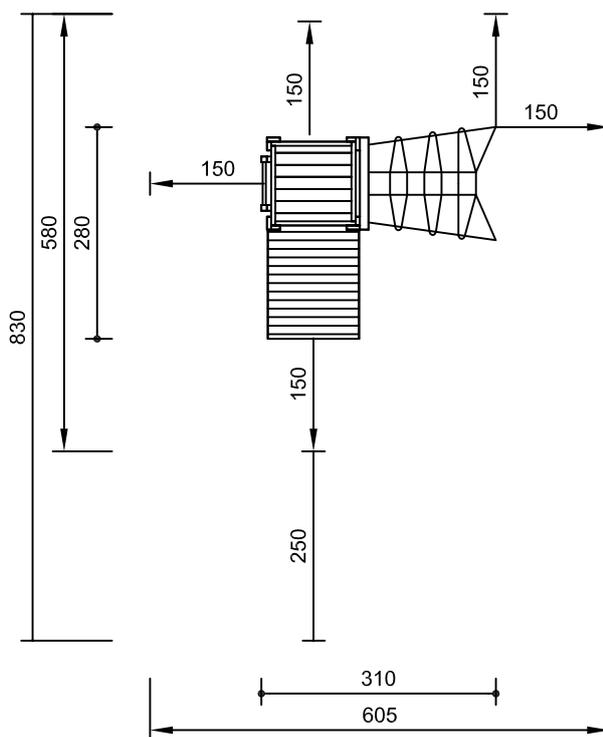
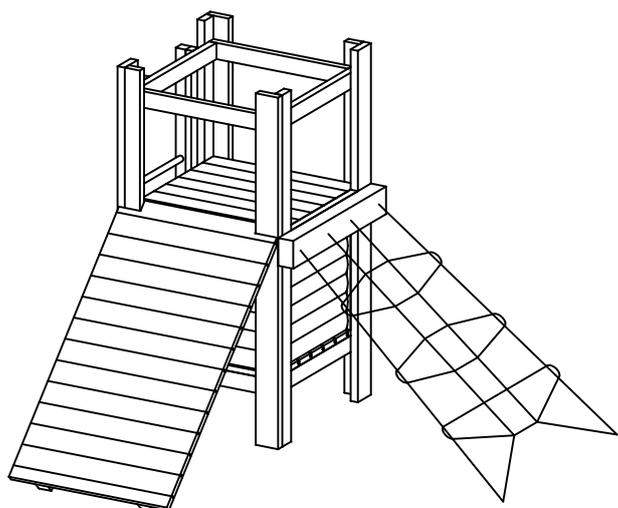


Components	Order No.
1 Platform Hut	3.13100
1 Climbing Trunk with chain handrail	3.69515
1 Firemen's Pole	3.69480
1 Sand Play Equipment	3.19100

Required space including safety distances
 6.20 x 4.85 m

scale 1:100

Hut Combination 212
Order No. 2.12120



Components

Order No.

- 1 Platform Hut
- 1 Inclined Climbing Net
- 1 Inclined Wall

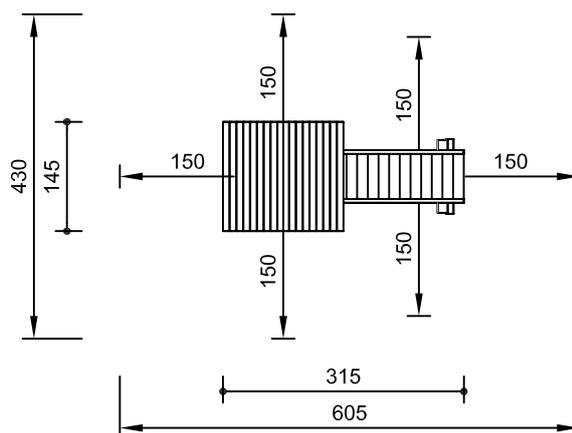
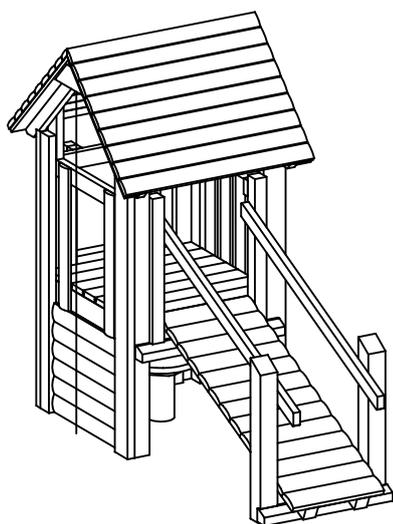
- 3.13100**
- 3.69120**
- 3.67530**

Required space including safety distances

6.05 x 8.30 m

scale 1:100

Hut Combination 213
Order No. 2.12130



Components

Order No.

- 1 Small Platform Hut with roof, 2 walls, 2 benches and 1 table
- 1 Climbing Rope
- 1 Bridge 2 m with wooden handrails
- 1 Fastening Frame for Hut
- 1 Endframe

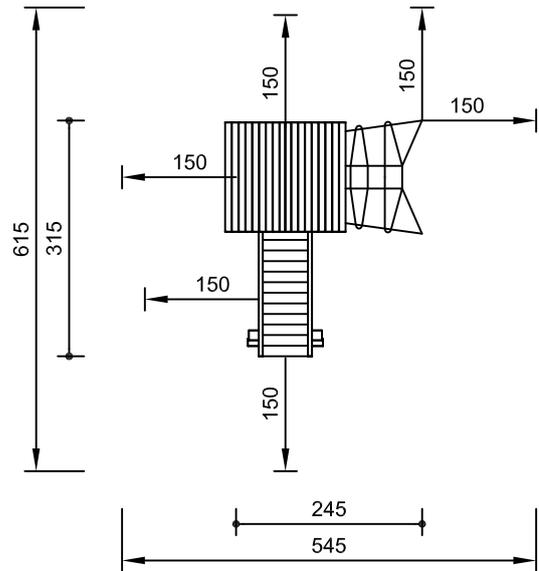
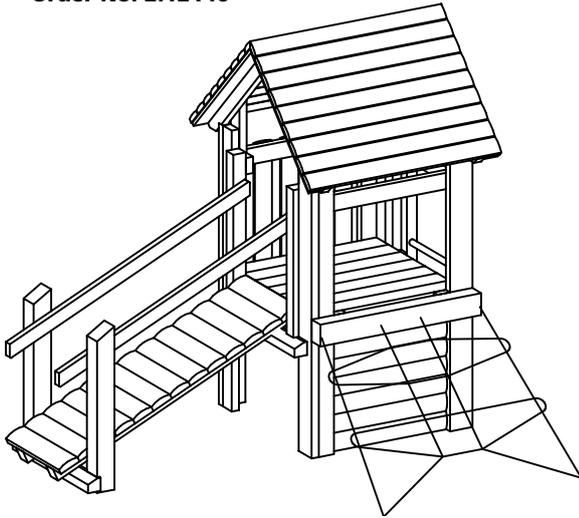
- 3.14350**
- 3.69433**
- 3.66425**
- 3.66364**
- 3.66415**

Required space including safety distances

6.05 x 4.30 m

scale 1:100

Hut Combination 214
Order No. 2.12140



Components

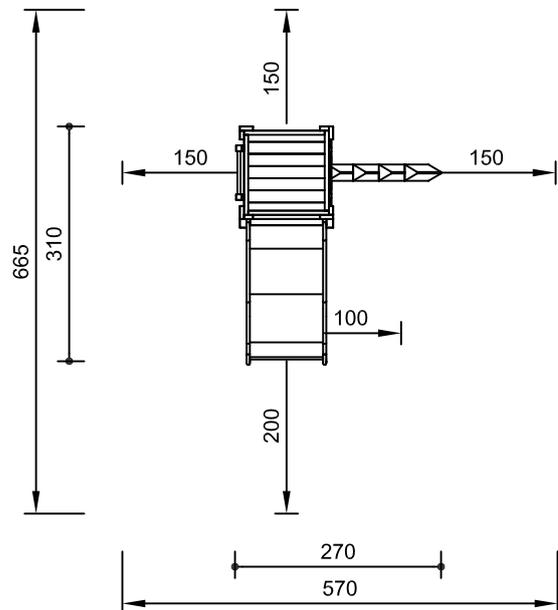
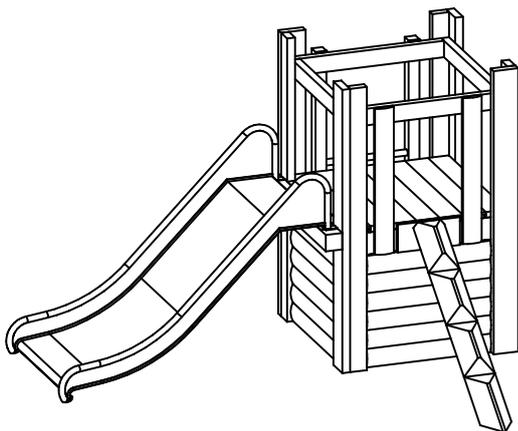
Order No.

- | | |
|--|----------------|
| 1 Small Platform Hut
with roof, 2 walls,
2 benches and 1 table | 3.14350 |
| 1 Inclined Climbing Net | 3.69124 |
| 1 Bridge 2 m with
wooden handrails | 3.66425 |
| 1 Fastening Frame for Hut | 3.66364 |
| 1 End Frame | 3.66415 |

Required space including safety distances
 5.45 x 6.15 m

scale 1:100

Hut Combination 215
Order No. 2.12150



Components

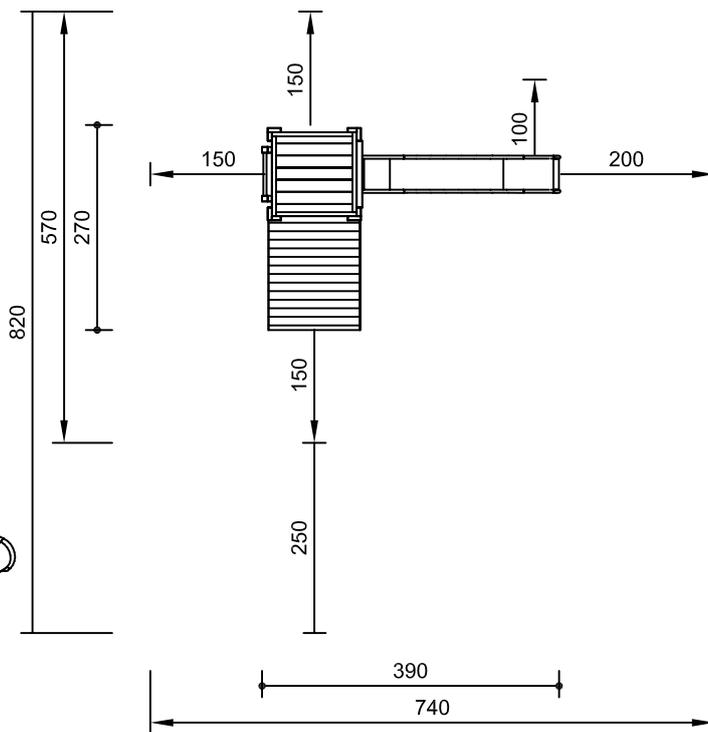
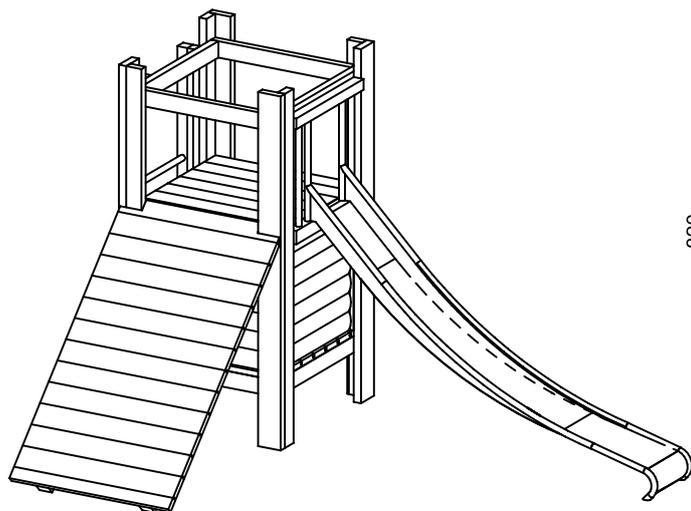
Order No.

- | | |
|---|----------------|
| 1 Small Platform Hut
with 2 walls, 2 benches
and 1 table | 3.14150 |
| 1 Climbing Trunk | 3.69505 |
| 1 Stainless Steel Slide
with ground anchor
attachment height 1.00 m | 3.19200 |

Required space including safety distances
 5.70 x 6.65 m

scale 1:100

Hut Combination 216
Order No. 2.12160



Components

Order No.

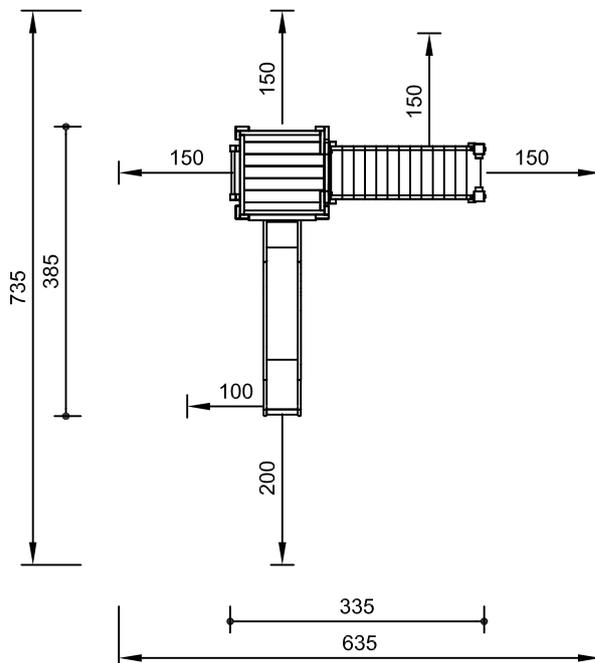
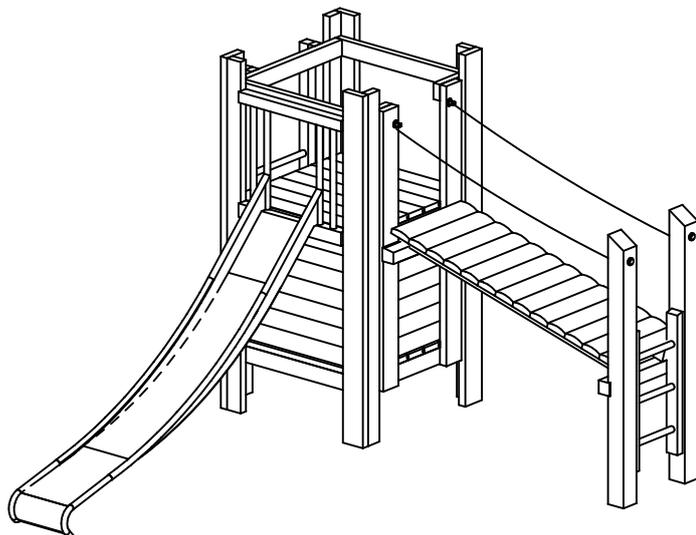
- 1 Platform Hut **3.13100**
- 1 Inclined Wall **3.67530**
- 1 Stainless Steel Slide **3.19210**
 with ground anchor
 attachment height 1.50 m

Required space including safety distances

7.40 x 8.20 m

scale 1:100

Hut Combination 217
Order No. 2.12170



Components

Order No.

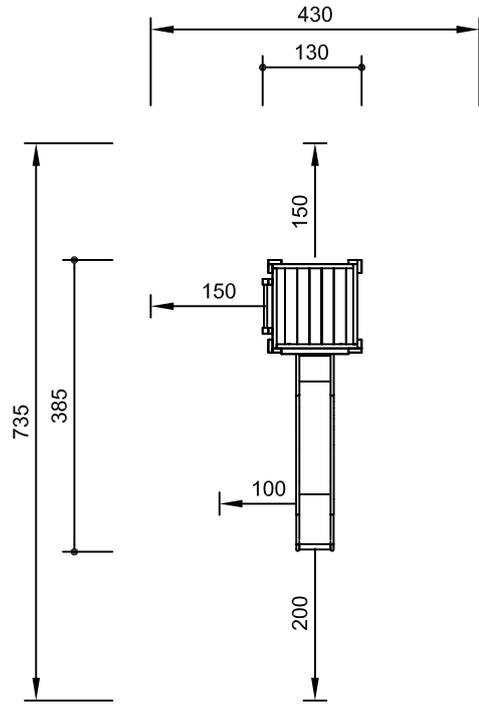
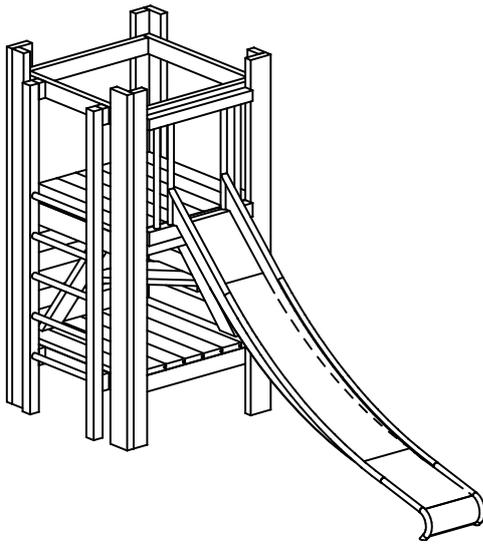
- 1 Platform Hut **3.13100**
- 1 Stainless Steel Slide **3.19210**
 with ground anchor
 attachment height 1.50 m
- 1 Bridge 2 m with **3.66420**
 chain handrails
- 1 Fastening Frame for Hut **3.66360**
- 1 Endframe with ladder **3.66386**

Required space including safety distances

6.35 x 7.35 m

scale 1:100

Hut Combination 32
Order No. 2.13200



Components

Order No.

- 1 Platform Hut
- 1 Stainless Steel Slide with ground anchor attachment height 1.50 m

- 3.13100**
- 3.19210**

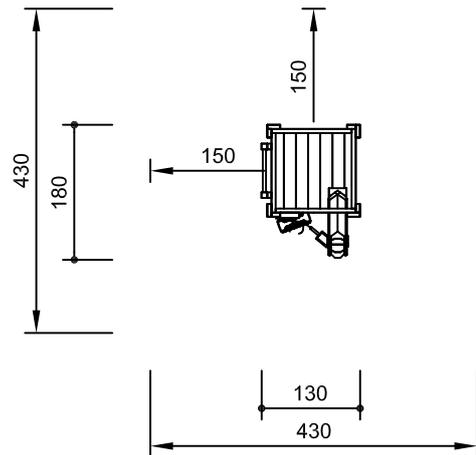
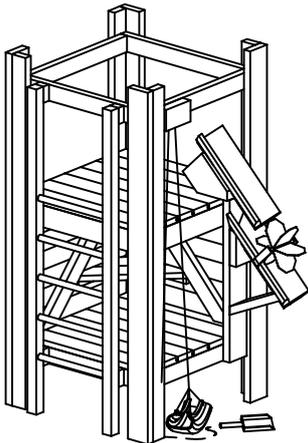
Required space including safety distances

7.35 x 4.30 m

scale 1:100

Hut Combination 34
Order No. 2.13400

Hut Combination 341
 as before, Hut with roof
Order No. 2.13410



Components

Order No.

- 1 Platform Hut (with roof **3.13300**)
- 1 Sand Play Equipment

- 3.13100**
- 3.19210**

Required space including safety distances

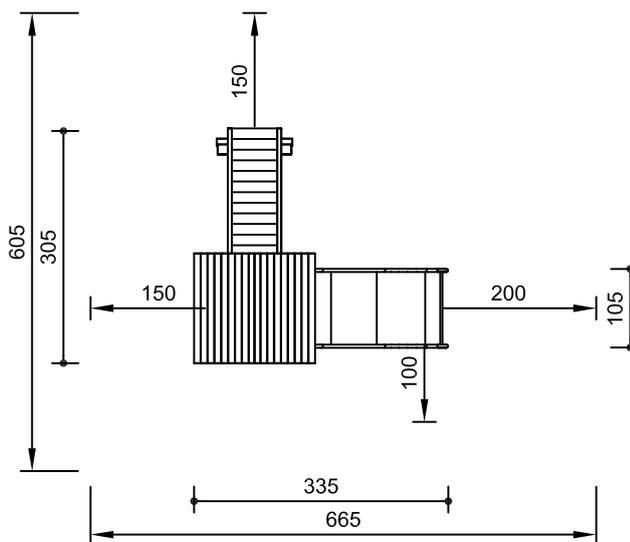
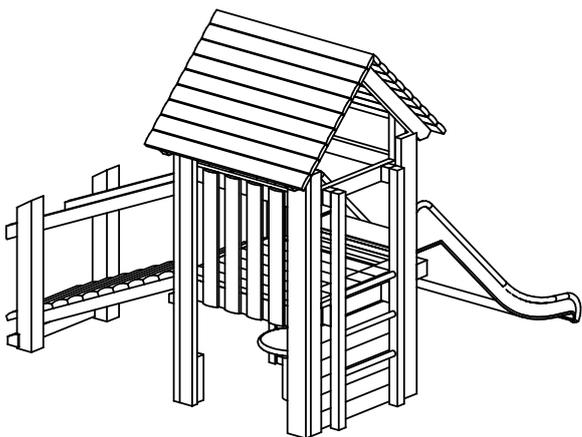
4.30 x 4.30 m

scale 1:100

Hut Combination 350

with fittings

Order No. 2.13500



Components

Order No.

1 Small Platform Hut with roof,
2 walls, 2 benches, 1 table

3.14150

1 barrier

3.13161

1 Bridge 2 m with wooden handrails

3.66425

1 Endframe for Bridge

3.66415

1 Stainless Steel Slide

3.19200

with ground anchor
attachment height 1.00 m

Required space including safety distances

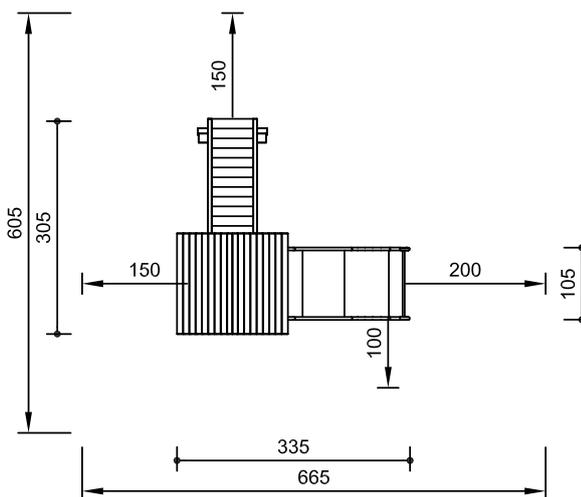
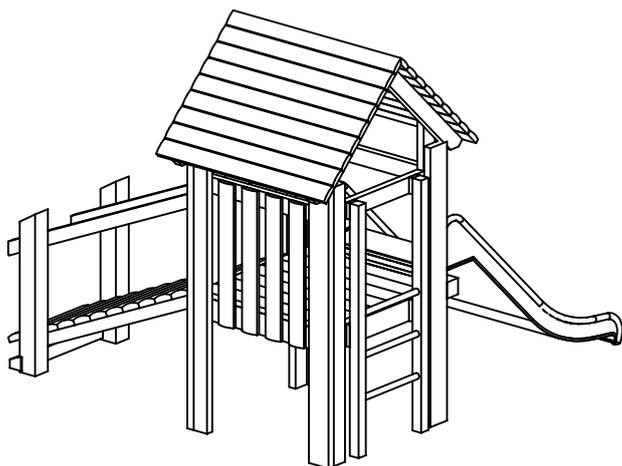
6.65 x 6.05 m

scale 1:100

Hut Combination 351

without fittings

Order No. 2.13510



Components

Order No.

1 Small Platform Hut with roof

3.14100

1 barrier

3.13161

1 Bridge 2 m with wooden handrails

3.66425

1 Endframe for Bridge

3.66415

1 Stainless Steel Slide

3.19200

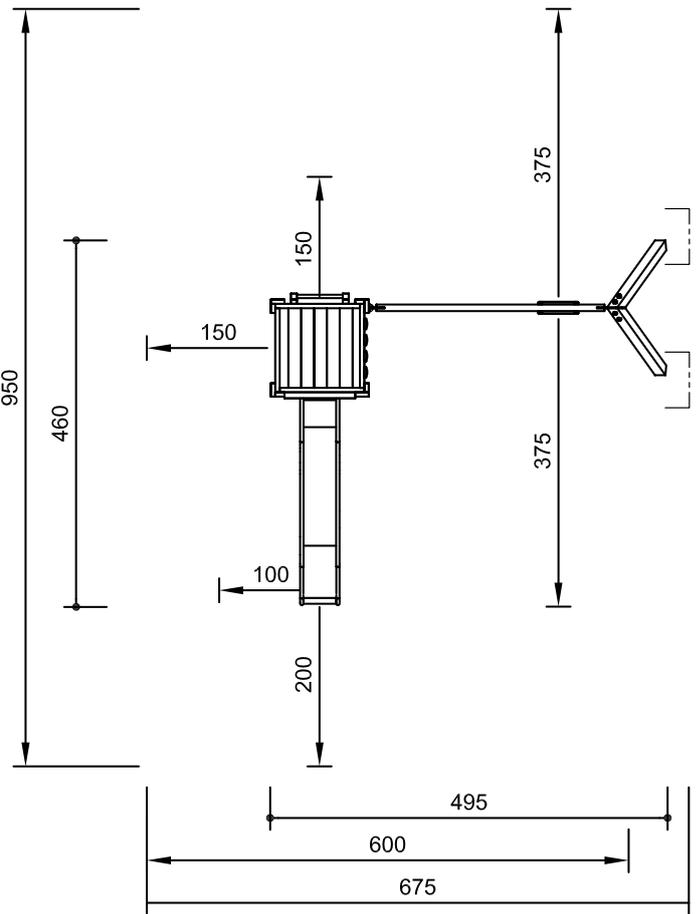
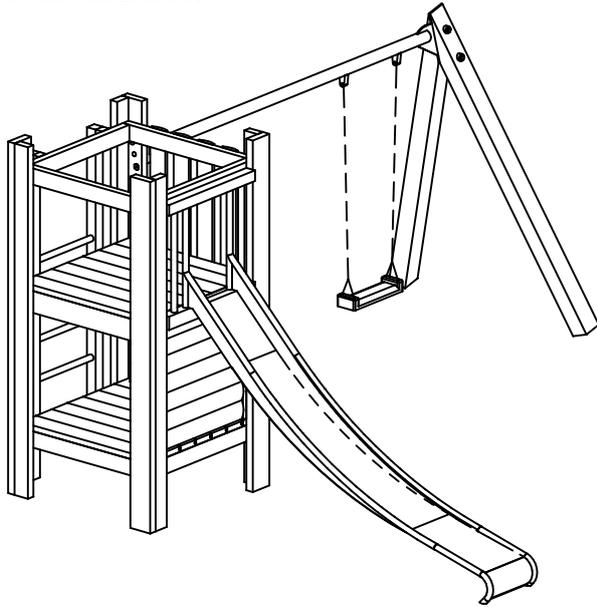
with ground anchor
attachment height 1.00 m

Required space including safety distances

6.65 x 6.05 m

scale 1:100

Hut Combination 371
Order No. 2.13710



Components

- 1 Platform Hut
- 1 Single Swing special long
- 1 Stainless Steel Slide with ground anchor attachment height 1.50 m

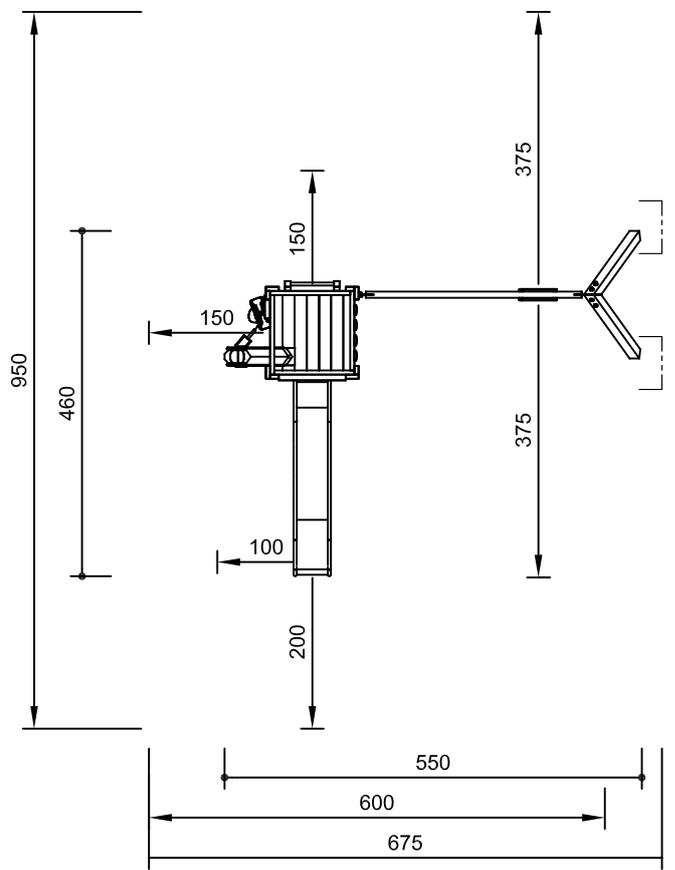
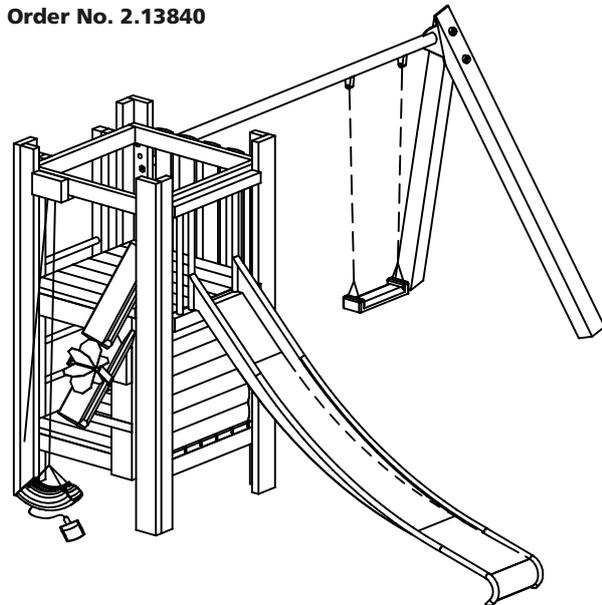
Order No.

- 3.13100**
- 3.19802**
- 3.19210**

Required space including safety distances
 6.75 x 9.50 m

scale 1:100

Hut Combination 384
Order No. 2.13840



Components

- 1 Platform Hut
- 1 Single Swing special long
- 1 Stainless Steel Slide with ground anchor attachment height 1.50 m
- 1 Sand Play Equipment

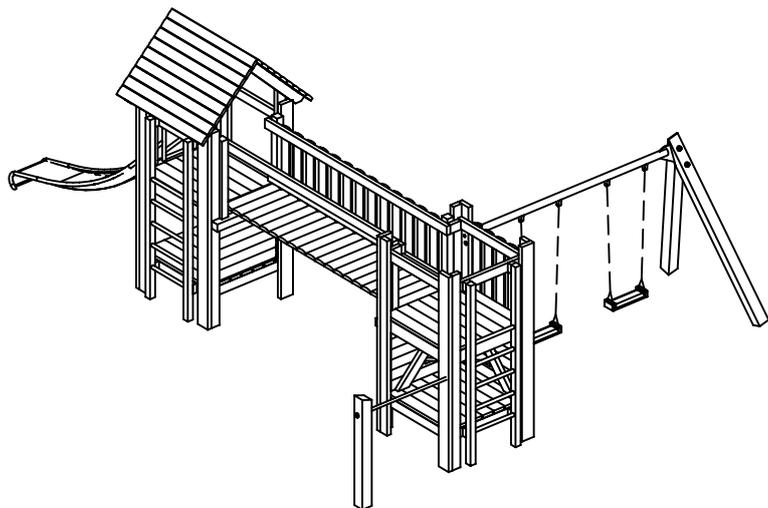
Order No.

- 3.13100**
- 3.19802**
- 3.19210**
- 3.19100**

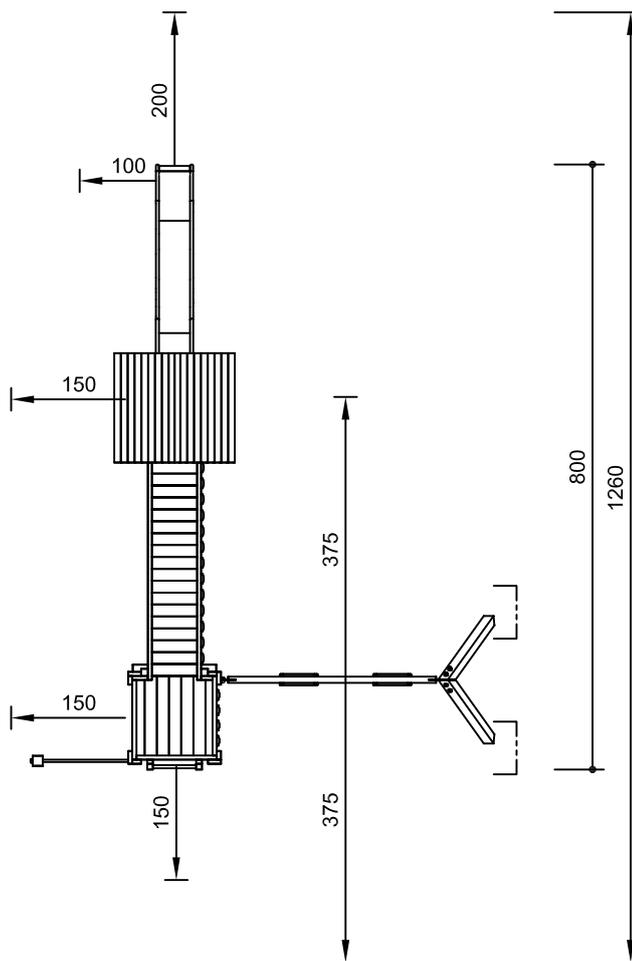
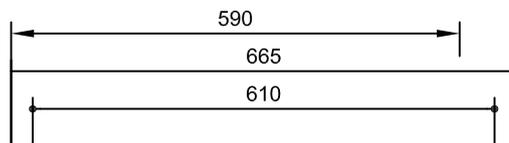
Required space including safety distances
 6.75 x 9.50 m

scale 1:100

Hut Combination 47
Order No. 2.14700



Components	Order No.
1 Platform Hut	3.13100
1 Platform Hut with roof	3.13300
1 Stainless Steel Slide with ground anchor attachment height 1.50 m	3.19210
1 Bridge 3 m with wooden handrail	3.66310
1 balustrade 3 m	w/o No.
2 Fastening Frames	3.66364
1 Horizontal Bar	3.69700
1 Double Swing special	3.19020



Required space including safety distances
 12.60 x 6.65 m

scale 1:100



Play value

The Play Houses with their basic furnishings like a table and benches are a stimulus to role-play for younger children. Primarily this entails mother and child games because the house with protective roof and four sheltering walls conveys the feelings and actions associated with family. The window enables supervision of the child and the door ensures the boundary to the private space. Doors, especially half doors, stimulate a variety of role-play such as shopping, post and bank activities.

Fundamental characteristics

- child proportions according to ergonomic requirements
- appealing design
- mixed material forms: claddings/square timber
- natural wooden surface which appeals to the senses
- sturdy, double-layer roof construction
- incentive for playing: veranda, door, furniture

Suitable

- for older than, but also suitable for children under 3 years
- for small children's areas of public playgrounds
- nurseries
- children's homes
- therapy institutions for children
- leisure areas
- school playgrounds



Order No. 4.10110 with door

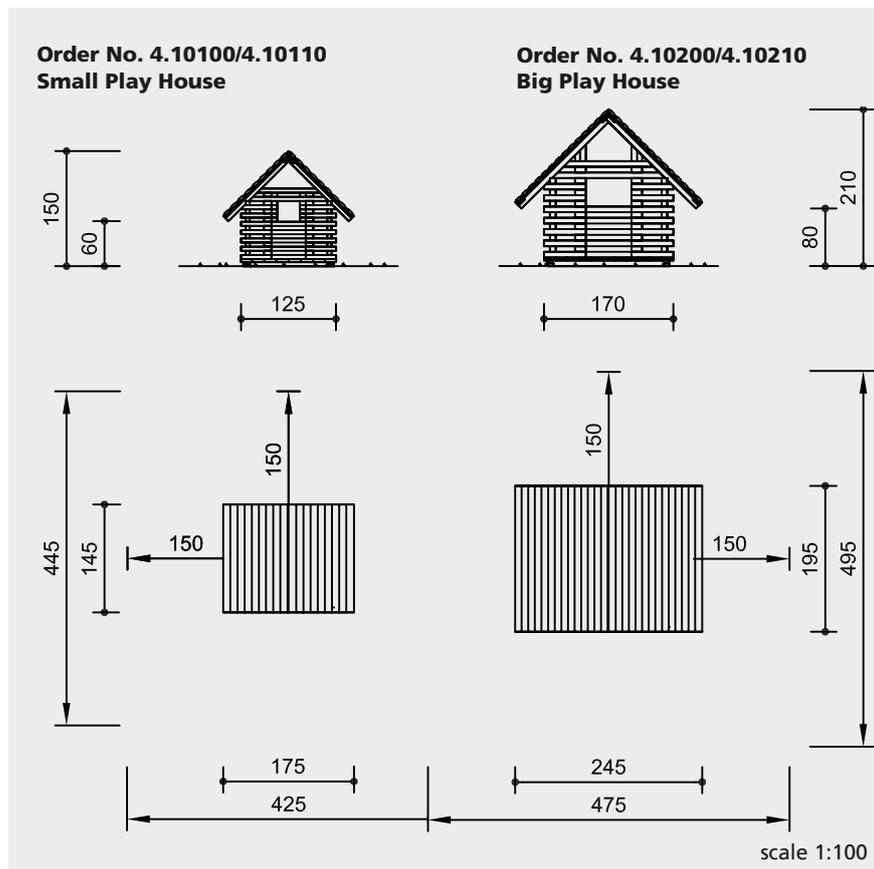
Small Play House
Small Play House with door
Big Play House
Big Play House with door



4.10100/4.10110



4.10200/4.10210



Safety check according to EN 1176

Components

- 1 house body, including:
 - 2 benches
 - 1 table
- 2 roof sections, double-layered
- 4 foundation irons

Order No. 4.10110/4.10210
as before, but with door

Installation information

Surfacing requirements corresponding to a fall height of < 0.60 m (please refer to price list for more detailed information)

Foundations (only necessary to immobilise the equipment)

- Order No. 4.10100/4.10110**
4 items 30 x 30 x 30 cm
excavation depth 40 cm
- Order No. 4.10200/4.10210**
4 items 40 x 40 x 40 cm
excavation depth 50 cm

Attention:
Exact measurements may vary, for all installation dimensions refer to current installation instructions.
Technical changes reserved.

Technical information

core-free
sawn-timbers of spruce/fir, boiler-pressure impregnated according to DIN 68800, hazards class 4, core-free, by that formation of cracks can be reduced



claddings
thickness 3 - 4,5 cm, de-barked by hand, of spruce/fir, boiler-pressure impregnated according to DIN 68800, hazards class 4



Order No. 4.10100/4.10110
Order No. 4.10200/4.10210
impregnated version with double-layered roof of 21 mm boards and 3 - 4.5 cm thick claddings

Order No. L4.10100/L4.10110
Order No. L4.10200/L4.10210
version made of larch with single-layered roof of 3 - 4.5 cm thick, half-rebated claddings

foundation irons hot-dip galvanised

Dimensions
(small deviations possible)

Order No.	4.10100	4.10110	4.10200	4.10210
height	1.50 m	2.10 m	2.10 m	2.10 m
width	1.75 m	2.45 m	2.45 m	2.45 m
depth	1.45 m	1.95 m	1.95 m	1.95 m
weight approx.	250 kg	500 kg	500 kg	500 kg

For more detailed explanation of the quality characteristics see price list.



4.10100/4.10110



4.10200/4.10210



Play value

The Timber House is a Play House on stilts, with basic furnishings like a table and benches. It offers all the play possibilities of the Play House but has a higher play value due to the second play level. The lower play area invites den-building and adventure games but can also be cellar or stable. The stair is a stimulus for activity and can be an activity in itself, climbing, stepping, jumping and hiding.

Fundamental characteristics

- child proportions according to ergonomic requirements
- appealing design
- natural wooden surface which appeals to the senses
- incentive for playing: veranda, furniture, ladder
- movement: climbing up and around

Suitable

- for older than, but also suitable for children under 3 years
- for public playgrounds
- playgrounds situated near houses
- nurseries
- children's homes
- therapy institutions for children
- school playgrounds
- leisure areas



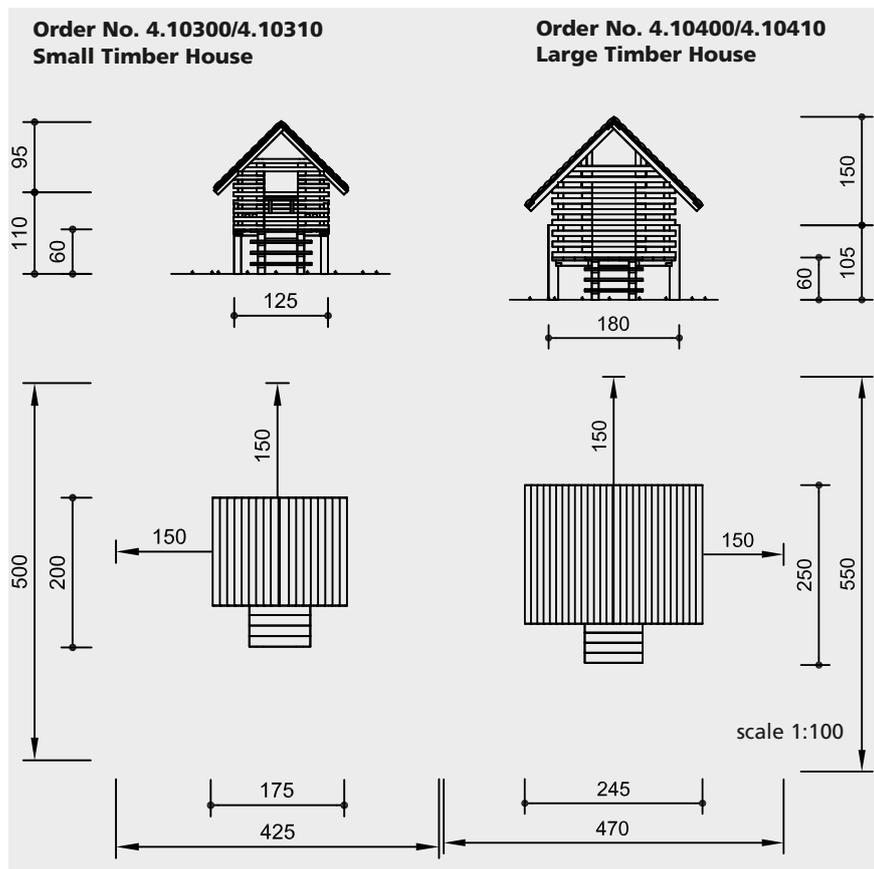
Small Timber House on Stilts
Small Timber House on Stilts with door
Large Timber House on Stilts
Large Timber House on Stilts with door



4.10300/4.10310



4.10400/4.10410



Safety check according to EN 1176

Components

- 1 house body, including:
 - 2 benches
 - 1 table
- 4 support posts
- 1 stairs
- 2 roof sections, double-layered

Order No. 4.10310/4.10410
as before, but with door

Installation information

Surfacing requirements corresponding to a fall height of < 0.60 m (please refer to price list for more detailed information)

Foundations

Order No. 4.10300/4.10310
Small Timber House on Stilts

- 4 items 50 x 50 x 50 cm excavation depth 70 cm
- 1 item 30 x 70 x 20 cm excavation depth 40 cm

Order No. 4.10400/4.10410
Large Timber House on Stilts

- 4 items 50 x 50 x 50 cm excavation depth 70 cm
- 1 item 30 x 70 x 20 cm excavation depth 40 cm

Attention:

Exact measurements may vary, for all installation dimensions refer to current installation instructions.

Technical changes reserved.

Equipment also available with steel feet.

Technical information

core-free

sawn-timbers of spruce/fir, boiler-pressure impregnated according to DIN 68800, hazards class 4, core-free, by that formation of cracks can be reduced



claddings

thickness 3 - 4.5 cm, de-barked by hand, boiler pressure impregnated according to DIN 68800, hazards class 4



floor of 25 mm tongue and groove boards

steps of stairs made of hardwood, 32 mm

Order No. 4.10300/4.10400

Order No. 4.10310/4.10410

impregnated version with double-layered roof of 21 mm boards and 3 - 4.5 cm thick claddings

Order No. L4.10300/L4.10400

Order No. L4.10310/L4.10410

version made of larch with single-layered roof of 3 - 4.5 cm thick, half-rebated claddings and support posts made of oak heartwood

Dimensions

(small deviations possible)

Order No.	4.10300	4.10400
	4.10310	4.10410
total height	2.05 m	2.55 m
height floor	0.60 m	0.60 m
width	1.75 m	2.45 m
depth	2.00 m	2.50 m
weight approx.	320 kg	600 kg

For more detailed explanation of the quality characteristics see price list.



4.10300/4.10310



4.10400/4.10410

Play value

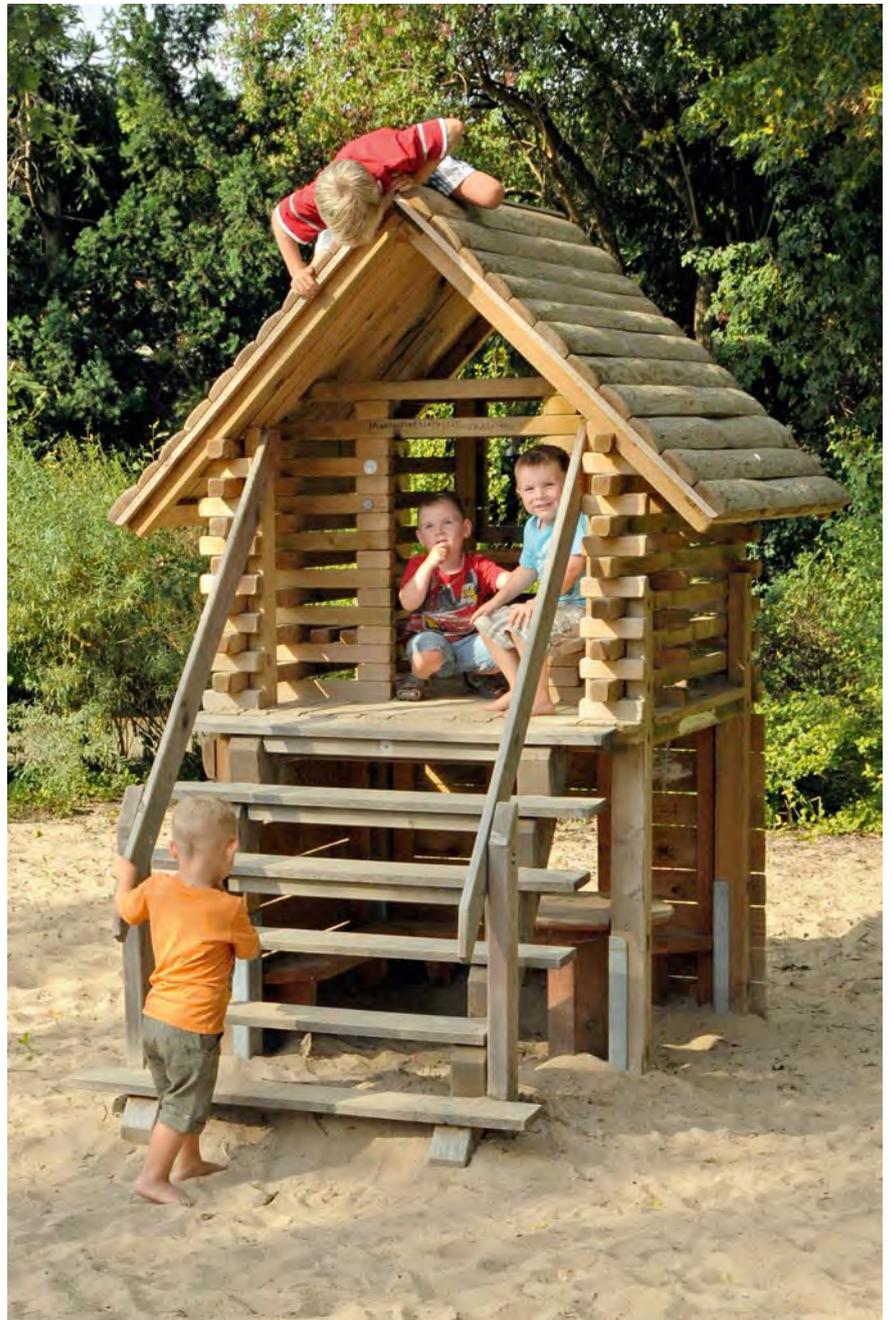
The Two Storey Play House offers two rooms and basic furnishings like a table and benches for role play such as family, mother and child and neighbourly play activities on two levels. There is a furnished basement with window and a ladder leading to the upper area.

Fundamental characteristics

- child proportions according to ergonomic requirements
- appealing design by:
 - solid wooden roof, proportion between closed and transparent walls, child-orientated rooms
- natural wooden surface which appeals to the senses
- incentive for playing: two storeys, veranda, furnishing on both play levels

Suitable

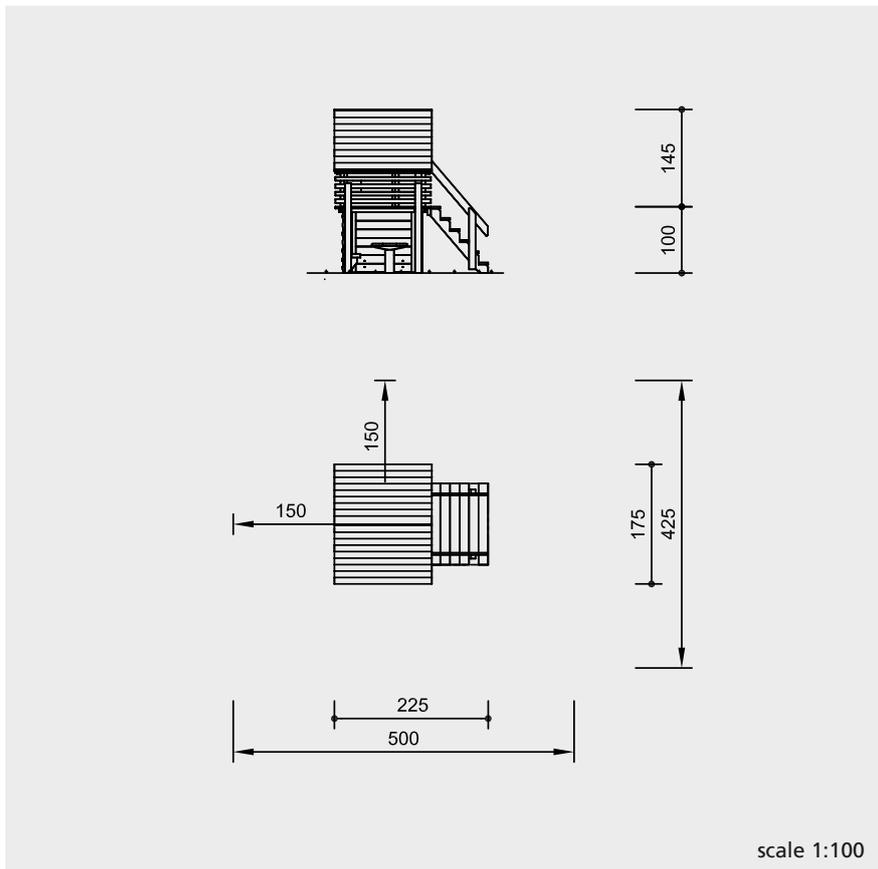
- for older than, but also suitable for children under 3 years
- for public playgrounds
playgrounds situated near houses
nurseries
children's homes
therapy institutions for children
school playgrounds
leisure areas



Two Storey Play House



4.10500



Safety check according to EN 1176

Components

- 1 house body
- 2 roof sections, double-layered
- 4 support posts
- 1 stairs with hand rail
- 1 level playroom containing:
 - 2 walls with 2 benches
 - 1 round table

Installation information

Surfacing requirements corresponding to a fall height of < 1.00 m (please refer to price list for more detailed information)

Foundations

Timber House on Stilts

4 items 50 x 50 x 50 cm
excavation depth 70 cm

Stairs

2 items 30 x 30 x 20 cm
excavation depth 40 cm

Table

1 item 60 x 60 x 40 cm
excavation depth 60 cm

Attention:

Exact measurements may vary, for all installation dimensions refer to current installation instructions.

Technical changes reserved.

Equipment also available with steel feet.

Technical information

core-free

sawn-timbers of spruce/fir, boiler-pressure impregnated according to DIN 68800, hazards class 4, core-free, by that formation of cracks can be reduced



claddings

thickness 3 - 4.5 cm, de-barked by hand, boiler pressure impregnated according to DIN 68800, hazards class 4



floor of 25 mm tongue and groove boards

stairs, table and benches of mountain larch, selected according to eight quality criteria

steps of stair made of hardwood, 32 mm

Order No. 4.10500

impregnated version with double-layered roof of 21 mm boards and 3 - 4.5 cm thick claddings

Order No. L4.10500

version made of larch with single-layered roof of 3 - 4.5 cm thickness, half-rebated claddings and support posts made of oak heartwood

Dimensions

(small deviations possible)

total height	2.45 m
height floor	1.00 m
width	1.75 m
depth	2.25 m
width stair	1.20 m
weight approx.	380 kg

For more detailed explanation of the quality characteristics see price list.



4.10500

Play value

The small village of timber houses provides a friendly atmosphere in the play area. The different play levels with their basic furnishings like a table and benches stimulate house and cave games while the wide platform is a meeting point for neighbourhood contacts. The steps are good for sitting and talking. Naturally the active children use the house combination for running about, chasing and climbing.



Order No. L4.10700 made of larch



Order No. 4.10701 impregnated with steel feet

Fundamental characteristics

- child proportions according to ergonomic requirements
- agreeably designed ensemble for role games
- appealing design by: arrangement of the houses, sheltering roofs, alteration on materials: claddings/ square timber
- natural wooden surface which appeals to the senses
- sturdy roof construction
- incentive for playing: furniture, stairs, ramps
- movement: crawling, hiding, climbing

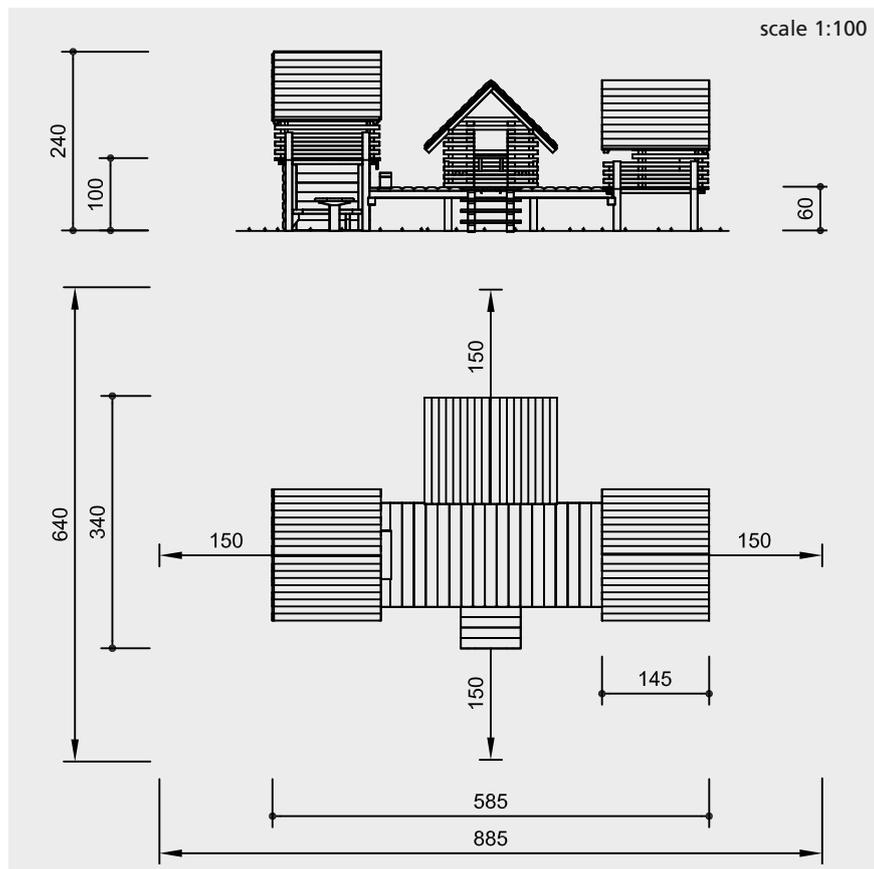
Suitable

- for older than, but also suitable for children under 3 years
- for public playgrounds
- playgrounds situated near houses
- nurseries
- children's homes
- therapy institutions for children
- school playgrounds
- leisure areas

House Group A



4.10700



Safety check according to EN 1176

Technical information

core-free

sawn-timbers of spruce/fir, boiler pressure impregnated according to DIN 68800, hazards class 4, core-free, by that formation of cracks can be reduced



claddings

thickness 3 - 4.5 cm, de-barked by hand, boiler pressure impregnated according to DIN 68800, hazards class 4



floors of the houses of 25 mm tongue and groove boards

Bridge, stairs, table and benches of mountain larch, selected according to eight quality criteria

steps of stairs made of hardwood, 32 mm

Order No. 4.10700

impregnated version with double-layered roof of 21 mm boards and 3 - 4.5 cm thick claddings

Order No. L4.10700

version made of larch with single-layered roof of 3 - 4.5 cm thickness, half-rebated claddings and support posts made of oak heartwood

For more detailed explanation of the quality characteristics see price list.

Components

- 3 timber houses on stilts
- 1 level room containing:
 - 2 walls with 2 benches,
 - 1 round table
- 1 bridge 1.40 x 3.00 m
- 1 stairs, height 0.60 m
- 1 step, height 0.20 m

Installation information

Surfacing requirements corresponding to a fall height of < 0.60 m (please refer to price list for more detailed information)

Foundations

Timber Houses
12 items 50 x 50 x 50 cm
excavation depth 70 cm

Stairs

1 item 30 x 70 x 20 cm
excavation depth 40 cm

Table

1 item 60 x 60 x 40 cm
excavation depth 60 cm

Attention:

Exact measurements may vary, for all installation dimensions refer to current installation instructions.

Technical changes reserved.

Equipment also available with steel feet.

Dimensions

(small deviations possible)

Timber Houses

total height	2.40 m
height floor	1.00/0.60 m
width	1.75 m
depth	1.45 m

Bridge

length	3.00 m
width	1.40 m
height	0.60 m

Stairs

width	0.80 m
-------	--------

total weight approx. 1180 kg



4.10700

Play value

Even as basic equipment, the Platform House has Platform, House, Slide and Inclined Climbing Net as well as basic furnishings like a table and benches and is a small, versatile play offer. Here house and cave games can develop and a variety of activities are stimulated. If the Platform House is also equipped with turning crane and sand chute, the play range is considerably expanded. Work games develop, communication is effected and cognitive processes are set in motion. The sturdy platform offers enough space for several children.



Order No. 4.14904 Platform House 4904



Order No. 4.14914 Platform House 4914

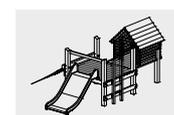
Fundamental characteristics

- child proportions according to ergonomic requirements
- natural wooden surface which appeals to the senses
- advantage of construction: thick floor boards of the platform allow for a big room below the platform without posts
- compact playground on a small surface, suitable for confined spaces
- combined play offers for role play, work games and movement
- movement: climbing, sliding, crawling, bending down, physical effort

Platform House 4904
Platform House 4914

Suitable

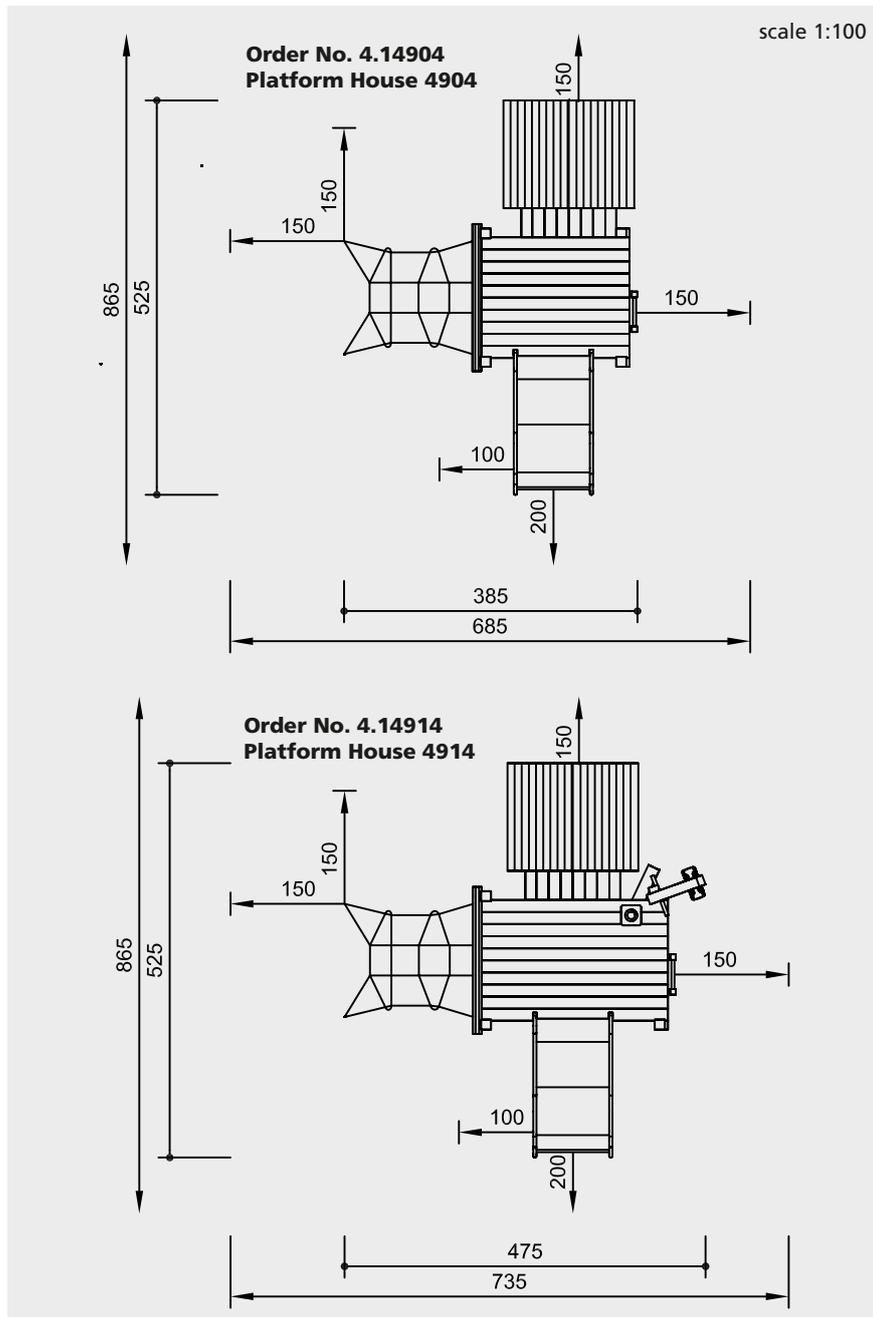
- for children from 3 years
- for public playgrounds
- playgrounds situated near houses
- nurseries
- children's homes
- therapy institutions for children
- school playgrounds
- leisure areas
- camp sites



4.14904



4.14914



Safety check according to EN 1176

Components

Order No. 4.14904

- 1 platform 1.60 x 2.00 m
- 1 small platform house floor 1.25 x 1.80 m
- 1 ladder, 1 climbing net 1.50 x 2.00 m
- 1 wide slide, width 1.00 m with ground anchor

Order No. 4.14914

- 1 platform 1.60 x 2.50 m
- 1 small platform house floor 1.25 x 1.80 m
- 1 ladder, 1 climbing net 1.50 x 2.00 m
- 1 wide slide, width 1.00 m with ground anchor
- 1 rotating crane with sand hoist
- 1 sand chute
- 1 shovel

Installation information

Surfacing requirements corresponding to a fall height of < 1.00 m (please refer to price list for more detailed information)

Foundations

Platform House
6 items 60 x 60 x 60 cm excavation depth 80 cm

Climbing Net
2 items 50 x 50 x 40 cm excavation depth 80 cm

Slide
excavation depth for ground anchor 55 cm

Attention:
Exact measurements may vary, for all installation dimensions refer to current installation instructions.
Technical changes reserved.

Technical information

equipment of mountain larch, selected according to eight quality criteria

angle cut

vertical support posts with angle cut in the end grain section as constructive wood preservation



core-free

sawn-timbers are core-free, by that formation of cracks can be reduced



tongue and groove

platform boards of 40 mm tongue and groove boarding



hardwood rungs

climbing rungs of hardwood, milled and mortised, Ø 42 mm



Corocord®rope

special ropes of „Hercules“ type
climbing net of 19 mm six-strand Corocord® rope of the special „Hercules“ type, abrasion protected through heating of the six steel strands and melting the polyamide sleeve onto them



aluminium swages

double-conical aluminium swages with rounded-off ends



S-clamps

neatly rounded Corocord®S clamps made of stainless steel, Ø 8 mm



ground anchor

steel feet hot-dip galvanised



slide: overall construction of stainless steel, sides 2 mm thick, sliding surface 2.5 mm thick

Order No. 4.14914 Platform House 4914

milled-off tyres

sand containers made of milled-off tyre segments to make the elements clean, smooth, soft and light



sand crane, revolving 350°, axial connected to post, with maintenance free turning mechanism

sand chute of plastic, wall thickness 7 mm

Dimensions

(small deviations possible)

Order No.	4.14904	4.14914
overall length	5.25 m	5.25 m
overall width	3.85 m	4.75 m
total height	2.40 m	3.50 m
platform height	1.00 m	1.00 m
platform length	2.00 m	2.50 m
weight approx.	630 kg	730 kg



4.14904



4.14914

For more detailed explanation of the quality characteristics see price list.

Play value

The shape of a play equipment is one of the main factors giving children the necessary stimulus for active play. By an attractive design, children become aware of the play offer. A friendly look creates a pleasant atmosphere and invites children to play. Rope nest and slide are included in the basic elements of the Big Bird Platform. In addition, there are three coloured climbing grips attached to the head.



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Design F. Dorband/K.H. Thiele

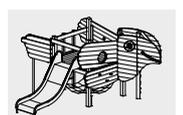
Fundamental characteristics

- high-quality design
- coloured elements, eye-catcher
- creates a pleasant atmosphere
- many possibilities for attaching play elements
- play offers inside the structure
- incentive for playing: climbing grips, friendly face
- movement: climbing, role games

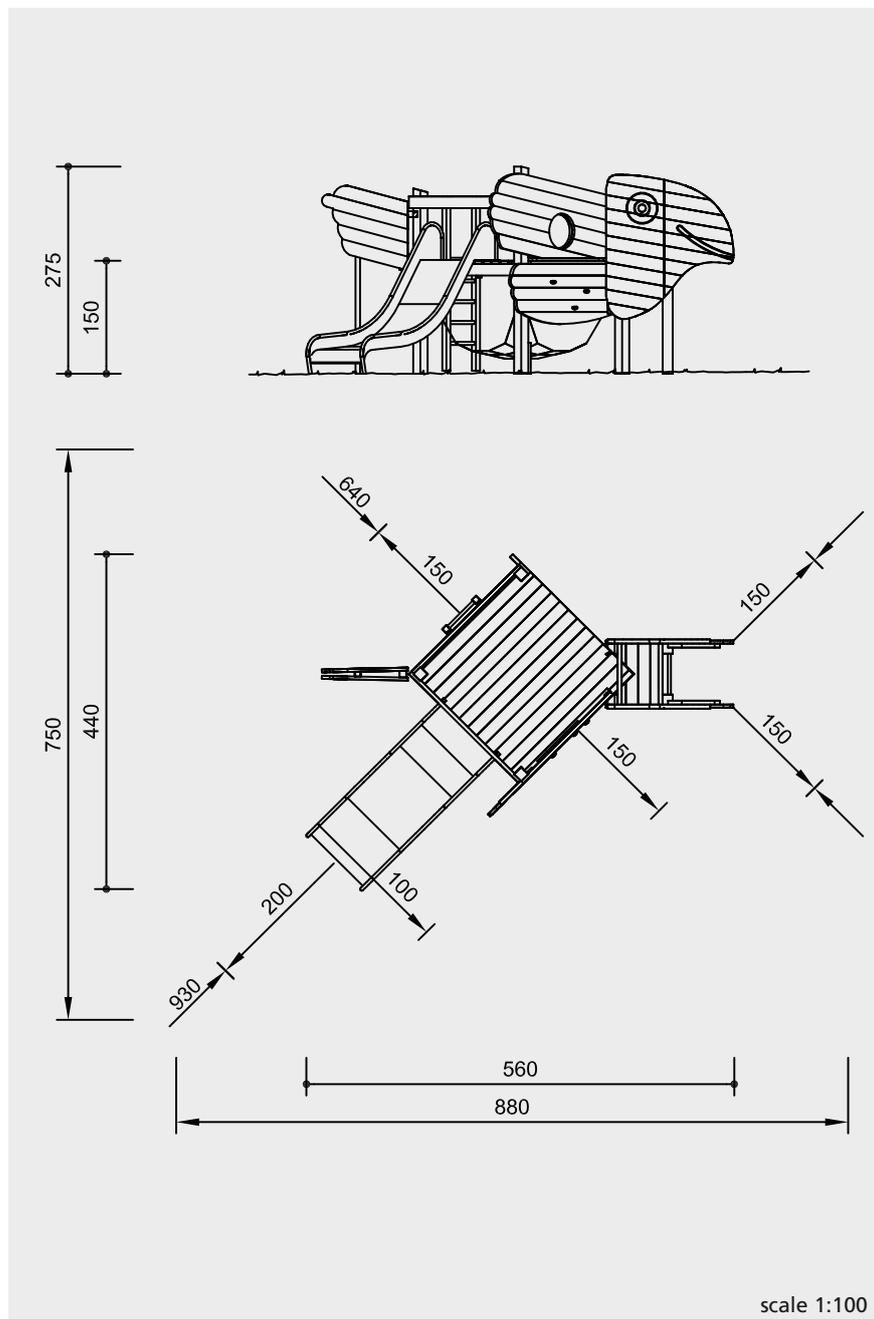
Suitable

- for children from 3 years
- for playgrounds situated near houses
- public playgrounds

Big Bird Platform



4.90000



Safety check according to EN 1176

Components

- 1 Platform
two sides close clad in the shape of a bird, with double sided head and tail, coloured design according to picture
- 1 ladder in the head
- 3 climbing grips
- 1 rope nest
- 1 stainless steel slide, width 1.00 m
attachment height 1.50 m

Installation information

Surfacing requirements corresponding to a fall height of 1.50 m (please refer to price list for more detailed information)

Foundations

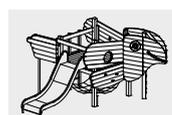
platform
7 items 60 x 60 x 60 cm
excavation depth 80 cm

slide
2 items 30 x 30 x 30 cm
excavation depth 70 cm

Attention:

Exact measurements may vary, for all installation dimensions refer to current installation instructions.

Technical changes reserved.



4.90000

Technical information

core-free

all timbers of mountain larch, selected according to eight quality criteria, core-free, by that formation of cracks can be reduced



tongue and groove

platform boards of 40 mm tongue and groove boarding



hardwood rungs

climbing rungs of hardwood, milled and mortised, Ø 42 mm



Corocord@rope

special ropes of „Hercules“ type

rope nest of 19 mm six-strand Corocord@ rope of the special „Hercules“ type, abrasion protected through heating of the six steel strands and melting the polyamide sleeve onto them



aluminium swages

double-conical aluminium swages with rounded-off ends



S-clamps

neatly rounded Corocord@S clamps made of stainless steel, Ø 8 mm



ground anchor

steel feet hot-dip galvanised



slide of stainless steel, thickness of slide metal 3 mm, handrail tube Ø 42 mm, thickness 2 mm

professional climbing grips made of a mixture of sand/synthetic resin with 100% safe anti-rotation system against unintended twisting of the grips

solvent-free acrylic paints are used for colouring; the wood is painted in a way which allows the structure of the wood to remain clearly visible

Dimensions

(small deviations possible)

overall length	5.60 m
overall width	4.40 m
total height	2.75 m
floor height	1.50 m
floor size	2.00 x 2.00 m
weight approx.	700 kg

For more detailed explanation of the quality characteristics see price list.



Play value

The shape of a play equipment is one of the main factors giving children the necessary stimulus for active play. By an attractive design, children become aware of the play offer. A friendly look creates a pleasant atmosphere and invites children to play. Fish Berta has an amiable appearance in the shape of a fish which provides a special attraction to the play area. The net and climbing grips, which stick like shells to one side of the structure, emphasize the look of a sea animal which can become the centre of a play area. Fish Berta offers play opportunities inside the structure and has a climbing net and a slide in the basis version. In addition, a central means of access through the fish body can be installed by a rope ladder in place of the small round table.



Fundamental characteristics

- high-quality design
- coloured elements, eye-catcher
- creates a pleasant atmosphere
- many possibilities for attaching play elements
- play offers inside the fish body
- incentive for playing: climbing grips, friendly face
- movement: climbing, role games

Suitable

- for older than, but also suitable for children under 3 years
- for playgrounds situated near houses public playgrounds

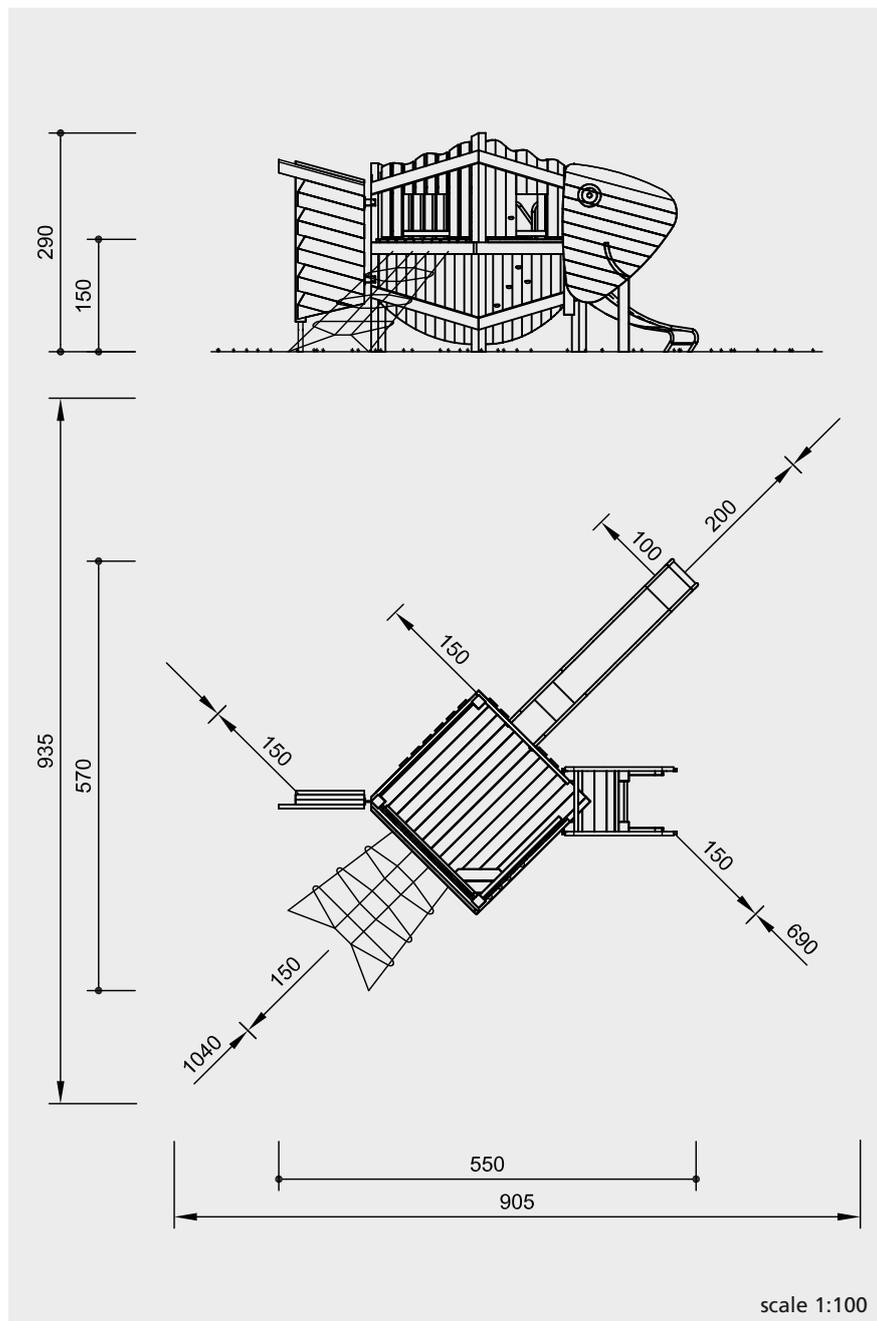
Fish Berta

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Design F. Dorband/K. H. Thiele



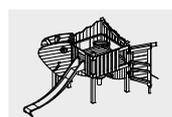
4.90010



Safety check according to EN 1176

Components

- 1 Platform
two sides close clad in the shape of a fish, with double sided head and tail fin, coloured design according to picture
- 1 round table, 1 bench
- 1 ladder in the head
- 5 climbing grips on the closed side
- 1 inclined climbing net
- 1 stainless steel slide, width 0.45 m
attachment height 1.50 m, with ground anchor



4.90010

Installation information

Surfacing requirements corresponding to a fall height of 1.50 m (please refer to price list for more detailed information)

Foundations

- platform**
7 items 60 x 60 x 60 cm
excavation depth 80 cm
- net**
2 items 50 x 50 x 40 cm
excavation depth 80 cm
- table**
1 item 60 x 60 x 40 cm
excavation depth 60 cm
- slide**
excavation for the ground anchor 55 cm

Attention:
Exact measurements may vary, for all installation dimensions refer to current installation instructions.
Technical changes reserved.

Technical information

core-free

all timbers of mountain larch, selected according to eight quality criteria, core-free, by that formation of cracks can be reduced



tongue and groove

platform floor of 40 mm tongue and groove boarding



hardwood rungs

climbing rungs of hardwood, milled and mortised, Ø 42 mm



one-piece construction of slide

total construction of slide of 2 mm stainless steel, mould-profiled longitudinally, no welding seams along the slide surface



Corocord@rope

special ropes of „Hercules“ type
climbing net of 19 mm six-strand Corocord@rope of the special „Hercules“ type, abrasion protected through heating of the six steel strands and melting the polyamide sleeve onto them



aluminium swages

double-conical aluminium swages with rounded-off ends



S-clamps

neatly rounded Corocord@S clamps made of stainless steel, Ø 8 mm



rope connection fixed

close fitting connection without dangerous openings



ground anchor

steel feet hot-dip galvanised



professional climbing grips made of a mixture of sand/synthetic resin with 100% safe anti-rotation system against unintended twisting of the grips

solvent-free acrylic paints are used for colouring; the wood is painted in a way which allows the structure of the wood to remain clearly visible

Dimensions

(small deviations possible)

overall length	5.50 m
overall width	5.70 m
total height	2.90 m
floor height	1.50 m
floor size	2.00 x 2.00 m
weight approx.	700 kg

For more detailed explanation of the quality characteristics see price list.

Play value

A number of different aspects contribute to the appeal of a play offer. One of the most important factors is its appearance. If the design is appropriate and appealing to children, this acts as a stimulus for them to play with it. The attractive design of the lion lends a special flair to every play location. The basic version of Lion Leo includes a table and four stools, a climbing wall, an inclined climbing net, a fireman's pole and a climbing rope.



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Fundamental characteristics

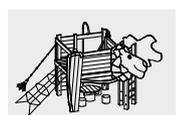
- high-quality design
- coloured elements, eye-catcher
- very special appeal
- versatile opportunities for combination
- rooms for play inside
- incentive for playing: climbing grips, friendly face
- movement: climbing, role-playing

Suitable

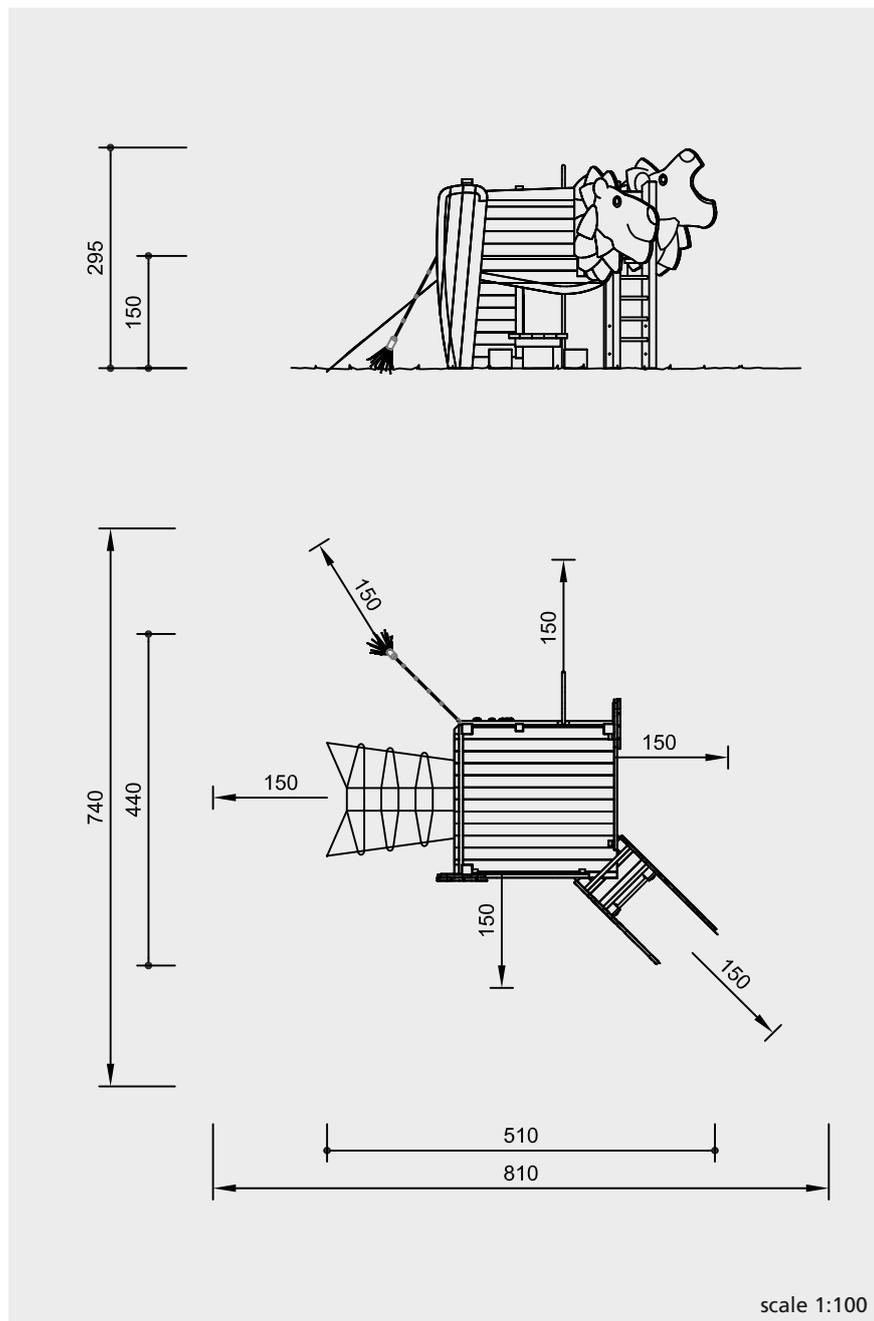
- for children from 3 years
- for playgrounds situated near houses kindergartens public playgrounds

Lion Leo

Design: F. Dorband/K. H. Thiele



4.90040



Safety check according to EN 1176

Components

- 1 platform with double-sided head, coloured design according to picture
- 1 ladder
- 1 inclined climbing net
- 1 bent fireman's pole
- 1 tail as climbing rope
- 1 climbing wall
- 1 round table with ground anchors
- 4 stools with ground anchors



4.90040

Installation information

Surfacing requirements corresponding to a fall height of 1.50 m (please refer to price list for more detailed information)

Foundations

platform
6 items 60 x 60 x 60 cm
excavation depth 80 cm

net
2 items 50 x 50 x 40 cm
excavation depth 80 cm

bent fireman's pole
1 item 30 x 30 x 30 cm
excavation depth 60 cm

climbing rope
1 item 60 x 60 x 60 cm
excavation depth 100 cm

table
1 item 50 x 50 x 20 cm
excavation depth 40 cm

stool
4 items 40 x 30 x 20 cm
excavation depth 40 cm

Technical information

core-free

all timber made of mountain larch, selected according to eight quality criteria, core-free, thus decreasing the occurrence of cracking



tongue and groove

platform floor made of 40 mm tongue and groove boarding



hardwood rungs

climbing rungs of hardwood, milled and mortised, Ø 42 mm



Corocord® rope

special ropes of "Hercules" type
climbing net made of 19 mm six-strand Corocord® rope of the special „Hercules" type, abrasion-protected through heating of the six steel strands and melting the polyamide sleeve onto them



aluminium swages

double-conical aluminium swages with rounded-off ends



S-clamps

neatly rounded Corocord® S-clamps made of stainless steel, Ø 8 mm



ground anchor

steel feet hot-dip galvanised



bent fireman's pole made of stainless steel

professional climbing grips made of a mixture of sand/synthetic resin with 100% safe anti-rotation system against unintended twisting of the grips

solvent-free acrylic paints are used for colouring; the wood is painted in a way which allows the structure of the wood to remain clearly visible

Dimensions

(small deviations possible)

overall length	5.10 m
overall width	4.40 m
total height	2.95 m
floor height	1.50 m
floor size	2.00 x 2.00 m
weight approx.	750 kg

Attention!

Exact measurements may vary, for all installation dimensions refer to current installation instructions. We reserve the right to make technical alterations!

For more detailed explanation of the quality characteristics see price list.



Big Outdoor Playthings

Animals

Anna enjoys being in the first class. But suddenly the teacher realises that Anna is often coming too late to lessons.

Mondays begin with a sports lesson, with the teacher only taking over the class in the second lesson. Shortly after the start of school she passes the playground and sees Anna just disappearing behind a play hut. Several wooden pieces of play equipment such as animals and a big tractor are located there.

Unnoticed the woman observes how Anna reappears with a handful of grass. Cheerfully chatting away she feeds a freestanding wooden horse with it and lovingly strokes its neck. Afterwards she takes a pink doll's brush out of her schoolbag and combs the tail. After the attentive care the horse gets a friendly pat. The brush is then put away and Anna runs in the direction of the school, bag swinging. As she is running, she shouts back: "See you later, Beauty!"

This inner freedom which children have, who grow up healthy and more or less stress-free, makes it still possible for them to go many different ways that are mostly closed off to adults. A part of this freedom is the ability to playact, e.g., they can fill inanimate objects with life with great conviction and confidence. In that moment they create a reality which is theirs alone, and one which is very important in the development of children's minds. In this living space which they alone created they can satisfy their needs and, when all goes well, can overcome conflicts. In accordance with their still holistic state of being, children generally feel very connected to animals. For them animals have great powers of attraction and you can see how they meet and react to animals as equals.

Play value

The likeable appeal of the chicken plays a role in creating a play environment which is favourable for children. The coloured design immediately attracts children to play. The net in the stomach is a small meeting place where children can come to find seclusion.



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Fundamental characteristics

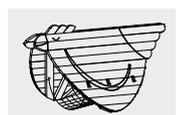
- high-quality design
- coloured elements, eye-catcher
- very special appeal
- movement: climbing

Suitable

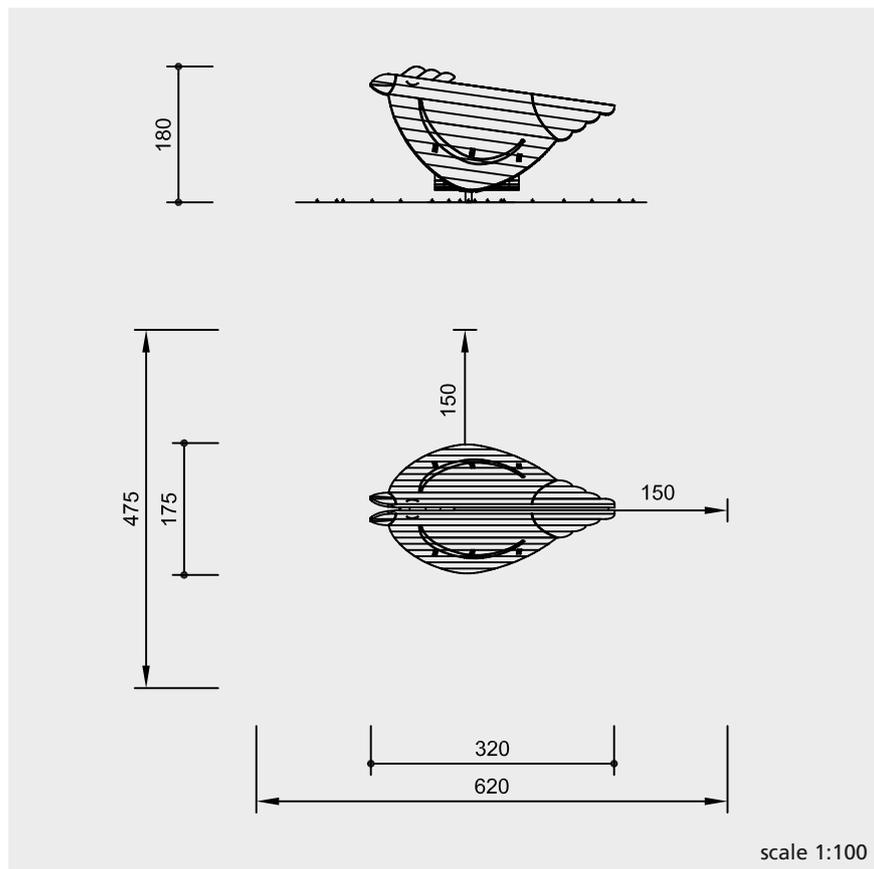
- for older than, but also suitable for children under 3 years
- for playgrounds situated near houses public playgrounds

Big Chicken with Net

Design: F. Dorband/K. H. Thiele



4.08200



Safety check according to EN 1176

Technical information

core-free

all timber made of mountain larch, selected according to eight quality criteria, core-free, thus decreasing the occurrence of cracking



tongue and groove

side parts made of 40 mm tongue and groove boarding



hercules rope

climbing net of 16 mm six-strand, combined of steel and polyamide yarn for the sleeve



aluminium swages

double-conical aluminium swages with rounded-off ends



rope connection with joint

close fitting connection without dangerous openings; the bearing consists of one brass bush



ground anchor

steel feet hot-dip galvanised



solvent-free acrylic paints are used for colouring; the wood is painted in a way which allows the structure of the wood to remain clearly visible

For more detailed explanation of the quality characteristics see price list.

Components

2 side parts in the shape of a chicken coloured design according to picture
1 net

Installation information

Surfacing requirements corresponding to a fall height of < 0.60 m (please refer to price list for more detailed information)

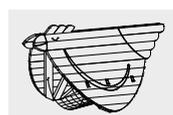
Foundations
2 items 60 x 60 x 60 cm
excavation depth 80 cm

Attention!
Exact measurements may vary, for all installation dimensions refer to current installation instructions.
We reserve the right to make technical alterations!

Dimensions

(small deviations possible)

overall length	3.20 m
overall width	1.75 m
total height	1.80 m
weight approx.	240 kg



4.08200

Play value

The attractive appearance of the Big Fish, which is just rising out of the water, gives this play equipment its simulative nature. The children can conquer the platform via a wide ramp and can explore their surroundings through big "portholes". They can also enjoy sliding fun together on the wide slide. The tummy of the fish under the platform can also be used as a hidey-hole or a little house.



Fundamental characteristics

- friendly appearance
- appealing design
- large ramp for crawling, climbing and rolling around
- wide slide for sliding together
- hidey-hole and sand play area
- portholes

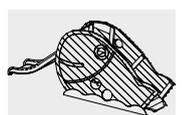
Suitable

- for small children's areas of:
 - public playgrounds
 - playgrounds situated near houses
 - kindergartens
 - children's homes
 - therapy institutions for children
 - camp sites
- nurseries

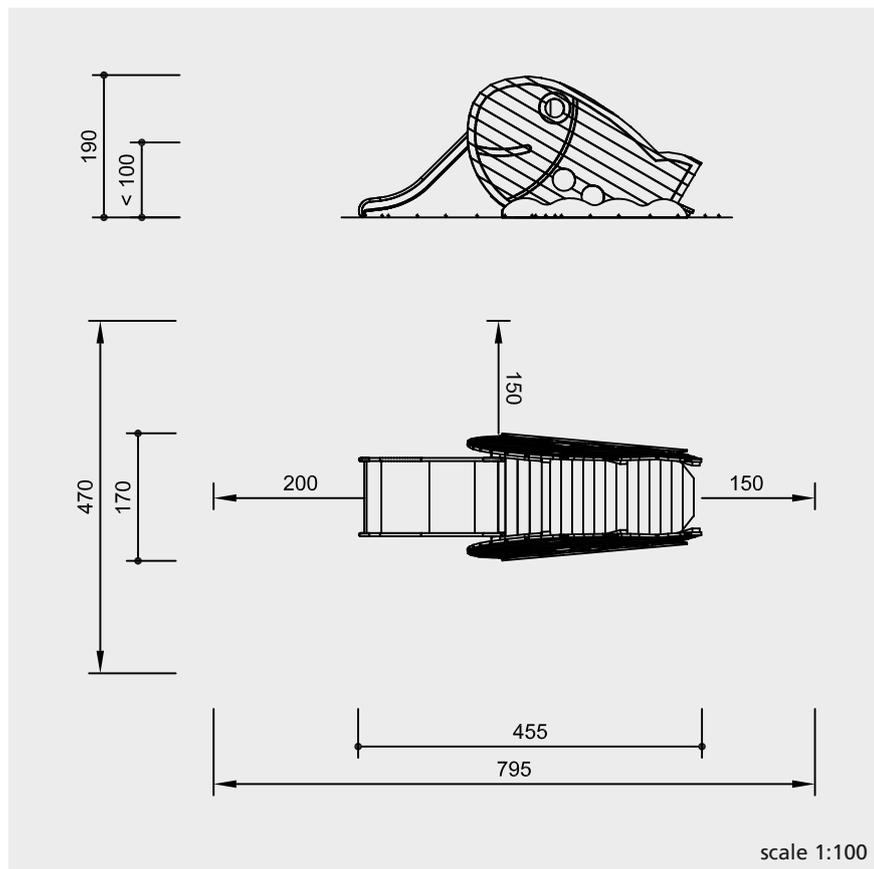
Big Fish
with Small Children Slide and Ramp

Copyright © Richter Spielgeräte GmbH 06/14

Design: F. Dorband/K. H. Thiele



4.08304



Safety check according to EN 1176

Components

- 2 side parts in the shape of a fish
- 1 ramp access
- 1 platform
- 2 lateral waves
- 1 wide slide with ground anchor
fixing height 1.00 m, width 1.00 m

Installation information

Surfacing requirements corresponding to a fall height of < 1.00 m (please refer to price list for more detailed information)

Foundations
4 items 40 x 40 x 40 cm
excavation depth 60 cm

Slide
excavation depth for ground anchor 55 cm

Attention!
Exact measurements may vary, for all installation dimensions refer to current installation instructions.
Subject to technical changes!

Technical information

equipment made of mountain larch, selected according to eight quality criteria

core-free

sawn-timbers core-free, thus decreasing the occurrence of cracking



tongue and groove

platform boards of 40 mm tongue and groove boarding



total construction of the slide made of stainless steel, sides 2 mm, sliding surface 2.5 mm

waves made of polyethylene

solvent-free acrylic paints are used for colouring; the wood is painted in a way which allows the structure of the wood to remain clearly visible

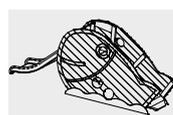
foundation irons hot-dip galvanised

Dimensions

(small deviations possible)

height	1.90 m
length	4.55 m
width	1.70 m
weight approx.	360 kg

For more detailed explanation of the quality characteristics see price list.



4.08304

Play value

The likeable appeal of the animals plays a role in creating a play environment which is favourable for small children. They are mainly used to ride upon. A slight rocking motion can be created by a shift in weight.



Order No. 4.08100 Little Chicken



Order No. 4.08110 Little Fish

Fundamental characteristics

- child-oriented dimensions
- friendly appearance
- natural wooden surface which appeals to the senses
- coloured design
- movement: climbing, riding

Suitable

- for small children's areas of:
 - public playgrounds
 - kindergartens
 - playgrounds situated near houses
 - children's homes
 - therapy institutions for children
 - camp sites
- nurseries

**Little Chicken
Little Fish**
with pre-fabricated
concrete foundation

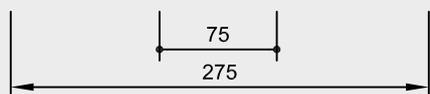
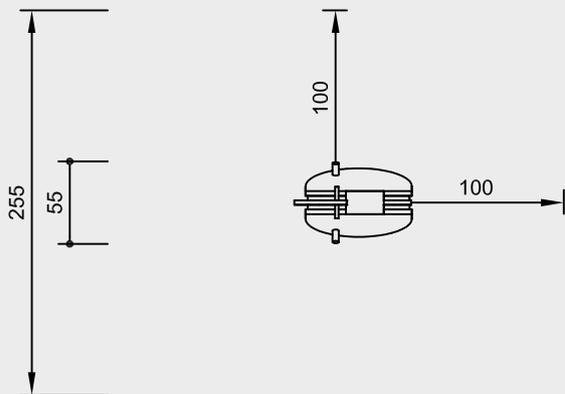


4.08100

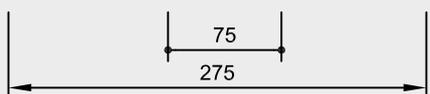
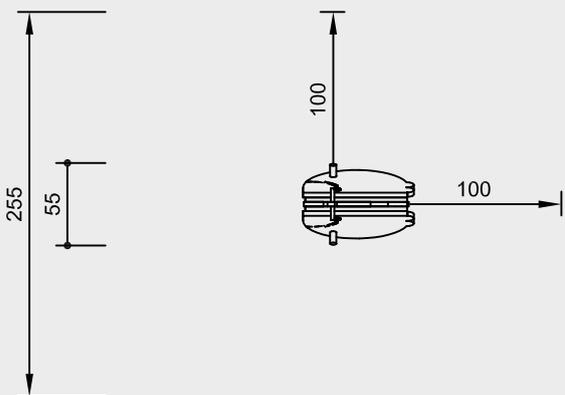
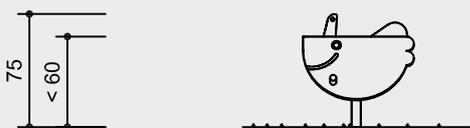


4.08110

Order No. 4.08100 Little Chicken



Order No. 4.08110 Little Fish



scale 1:50

Technical information

equipment made of mountain larch, selected according to eight quality criteria

core-free

sawn-timbers core-free, thus decreasing the occurrence of cracking



plywood

shaped components made of water-proof larch plywood board, 30 mm



brass bush

for all to and fro movements we use bush bearings which allow for self-lubrication while in use and which can be easily exchanged in case of need



see-saw mechanism hot-dip galvanised

solvent-free acrylic paints are used for colouring; the wood is painted in a way which allows the structure of the wood to remain clearly visible

Dimensions

(small deviations possible)

Order No. 4.08100 Little Chicken

height	0.75 m
seat height	< 0.60 m
length	0.75 m
width	0.55 m
weight approx.	140 kg

Order No. 4.08110 Little Fish

height	0.75 m
seat height	< 0.60 m
length	0.75 m
width	0.55 m
weight approx.	140 kg

Components

- 1 animal body, mounted on hot-dip galvanised see-saw mechanism
- 1 pre-fabricated concrete foundation

Installation information

Surfacing requirements corresponding to a fall height of < 0.60 m (please refer to price list for more detailed information)

Foundations excavation for pre-fabricated foundation 0.45 x 0.95 x 0.20 m

Recommendation

When installed in loose ground, the pre-fabricated concrete foundation should be covered durably, e.g. with safety tiles.

Attention!

Exact measurements may vary, for all installation dimensions refer to current installation instructions. Subject to technical changes!

For more detailed explanation of the quality characteristics see price list.

Safety check according to EN 1176



4.08100



4.08110



Play value

Children, above all girls, love horses. More than any other toy animal it is cared for, groomed and included into role play. The cart encourages communication.



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Design and Copyright

Fundamental characteristics

- child proportions according to ergonomic requirements
- natural wooden surface which appeals to the senses
- incentive for playing: animal, cart, tail, rein
- movement: climbing, riding

Suitable

- for older than, but also suitable for children under 3 years
- for public playgrounds
nurseries
playgrounds situated near houses
children's homes
therapy institutions for children
camp sites

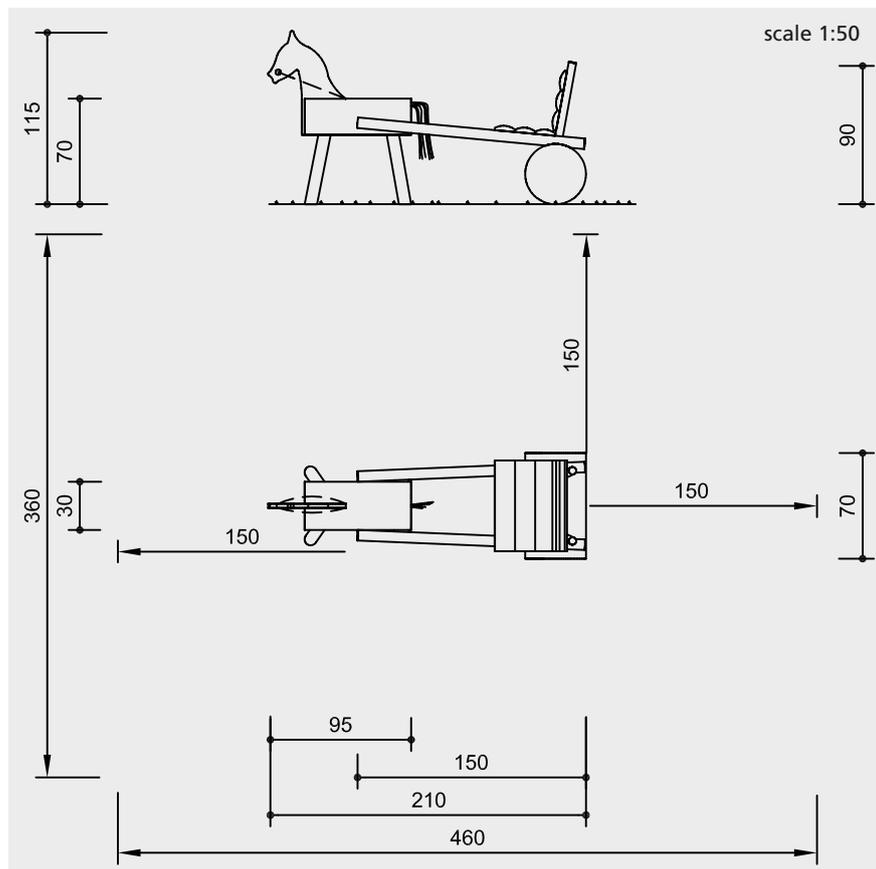
**Horse
„Peter“ Horse-cart**



4.24130



4.24140



Safety check according to EN 1176

Components

Order No. 4.24130 Horse

- 1 horse
- 4 foundations irons

Order No. 4.24140 „Peter“ Horse-cart

- 1 horse
- 2 foundations irons
- 1 cart
- 1 foundation iron

Installation information

Surfacing requirements corresponding to a fall height of 0.70 m (please refer to price list for more detailed information)

Foundations (only necessary to immobilise the equipment)

Order No. 4.24130
2 items 30 x 60 x 30 cm
excavation depth 50 cm

Order No. 4.24140
3 items 30 x 30 x 30 cm
excavation depth 50 cm

Attention:
Exact measurements may vary, for all installation dimensions refer to current installation instructions.
Technical changes reserved.

Technical information

de-barked
horse body and cart made of de-barked mountain larch, selected according to eight quality criteria



core-free
round timbers core-free, by that formation of cracks can be reduced, milled



claddings
thickness 3 - 4.5 cm, de-barked by hand



plywood
three-layer waterproof plywood of mountain larch, 30 mm



chains
short-link chain, 6 mm, welded before hot-dip galvanisation (stainless steel chains available on request)



relief cut
a kerf sawn along the underside of the trunk at a suitable place to pre-empt cracks that would form naturally



foundation irons hot-dip galvanised

Dimensions

(small deviations possible)

Order No.	4.24130	4.24140
length	0.95 m	2.10 m
width	0.30 m	0.70 m
height	1.15 m	1.15 m
weight approx.	35 kg	110 kg

For more detailed explanation of the quality characteristics see price list.



4.24130



4.24140

Play value

The Swinging Horse makes a swinging and rocking movement possible for little ones. Through the strength of the rider a harmonious rocking cycle results which cannot be compared to ordinary upward and downward movement.

Fundamental characteristics

- child proportions according to ergonomic requirements
- natural wooden surface which appeals to the senses
- defined swinging direction through leaf spring, no turning movement
- incentive for playing: horse body
- movement: riding, moving one's centre of gravity

Suitable

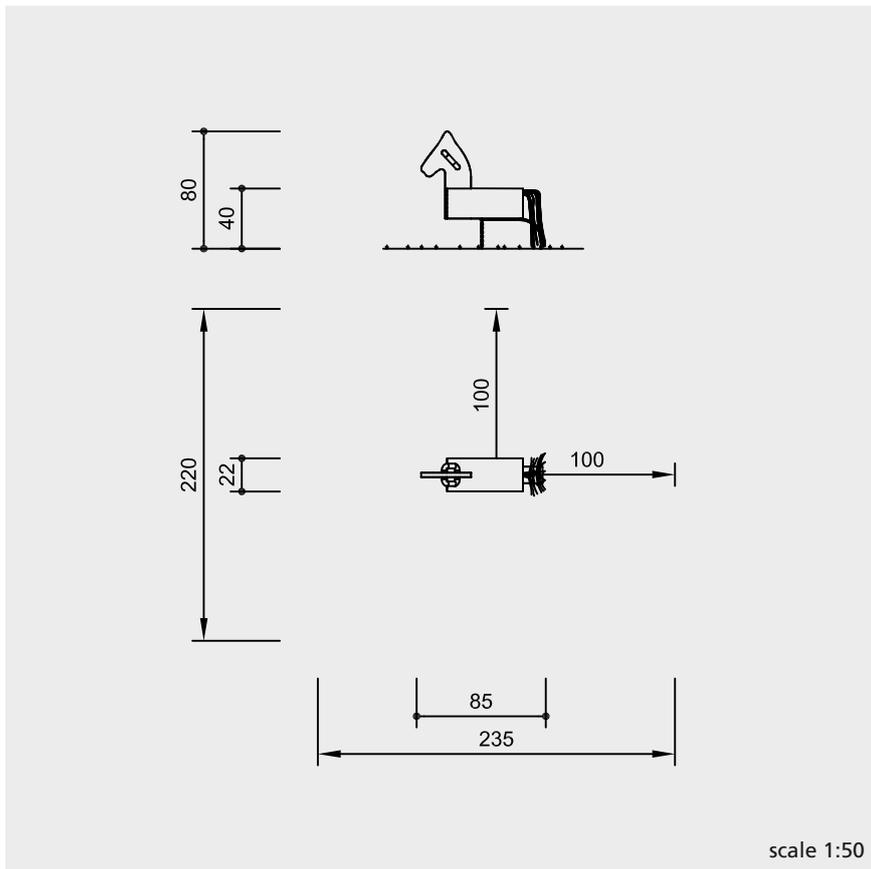
- for children from 3 years
- for small children's areas of public playgrounds
- playgrounds situated near houses
- children's homes
- nurseries
- camp sites



Swinging Horse



4.24150



Safety check according to EN 1176

Components

1 horse body, mounted on leaf spring

Pre-fabricated concrete foundation available, see **Order No. 4.24160** in the price list.

Installation information

Surfacing requirements corresponding to a fall height of < 0,60 m (please refer to price list for more detailed information)

Foundations
1 item 30 x 50 x 20 cm
excavation depth 30 cm

Recommendation

When installed in loose ground, the pre-fabricated concrete foundation should be covered durably, e.g. with safety tiles.

Attention:

Exact measurements may vary, for all installation dimensions refer to current installation instructions.

Technical changes reserved.

Technical information

de-barked

de-barked post, Ø 22 cm, of mountain larch, selected according to eight quality criteria



plywood

three-layer waterproof plywood of mountain larch, 30 mm



chains

chains, 6 mm, welded before hot-dip galvanisation (stainless steel chains available on request)



relief cut

a kerf sawn along the underside of the trunk at a suitable place to pre-empt cracks that would form naturally



leaf spring sand-blasted, hardened and plastic coated

grips of polyamide

Dimensions

(small deviations possible)

total height	0.80 m
height seat	0.40 m
length	0.85 m
width	0.22 m
leaf spring	100 x 8 mm
weight approx.	25 kg

For more detailed explanation of the quality characteristics see price list.



4.24150



Play value

The appearance of the Snail Queen has a strong attractive force for small children. It can be used for riding or integrated into a role play situation. The Snail Queen creates a cosy atmosphere and helps to shape a small children's area in a friendly way.

Fundamental characteristics

- child proportions according to ergonomic requirements
- agreeable design
- use of wood which appeals to the senses
- incentive for playing: horns, eyes, snail shell
- movement: defined pendulum movement, moving one's centre of gravity

Suitable

- for older than, but also suitable for children under 3 years
- for small children's areas of public playgrounds
- playgrounds situated near houses
- children's homes
- nurseries
- camp sites



Snail Queen

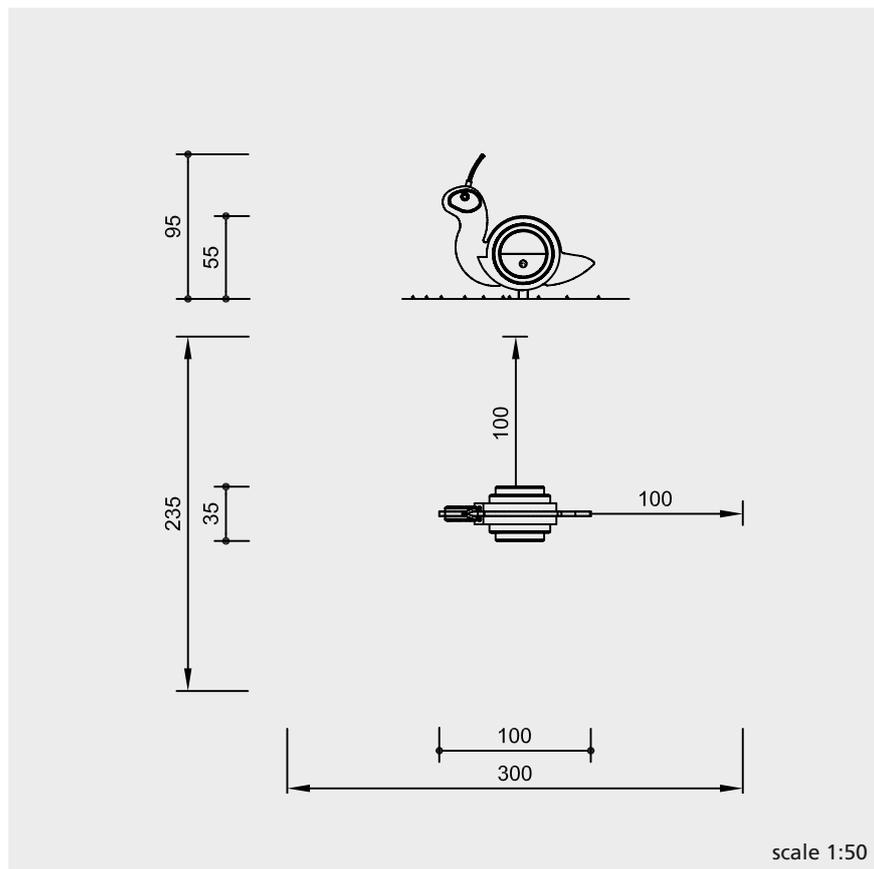


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Design and Copyright



4.24220



Safety check according to EN 1176

Components

- 1 snail body, mounted onto a galvanised rocking mechanism
- 1 pre-fabricated concrete foundation

Installation information

Surfacing requirements corresponding to a fall height of < 0,60 m (please refer to price list for more detailed information)

Foundations excavation for pre-fabricated foundation 0.45 x 0.95 x 0.20 m

Recommendation

When installed in loose ground, the pre-fabricated concrete foundation should be covered durably, e.g. with safety tiles.

Attention:

Exact measurements may vary, for all installation dimensions refer to current installation instructions.

Technical changes reserved.

Technical information

core-free

snail-shell of mountain larch, selected according to eight quality criteria, core-free, by that formation of cracks can be reduced



plywood

snail body of three-layer waterproof plywood of larch, 30 mm



Corocord®rope

special ropes of „Hercules“ type

horns of Corocord® rope of the special „Hercules“ type, abrasion protected through heating of the six steel strands and melting the polyamide sleeve onto them



brass bush

for all to and fro movements we use bush bearings which allow for self-lubrication while in use and which can be easily exchanged in case of need



equipment in natural colour, protected with linseed oil

rocking mechanism hot-dip galvanised

Dimensions

(small deviations possible)

length	1.00 m
total height	0.95 m
sitting height	0.55 m
weight approx.	130 kg

For more detailed explanation of the quality characteristics see price list.



4.24220



Order No. 4.24250 Dancing Mice

Play value

The friendly look of the animal families gives a special atmosphere to a play area. This large play equipment allows for fun with movement, role play and understanding of the quantity units one to five, and is therefore a useful addition for small children's areas.

Fundamental characteristics

- child proportions according to ergonomic requirements
- careful use of colours
- unique design
- use of wood for visual perception
- incentive for playing: mother-child-situation, small-big, coloured holding grips and connecting ropes
- movement: moving one's centre of gravity, sitting, crawling, pushing, gentle up and down movement of duck and chicken mother, rotating movement of mouse mother

Suitable

- for small children's areas of public playgrounds
- playgrounds near houses
- nurseries
- children's homes
- camp sites



Order No. 4.24240 Duck Family

**Duck Family
Dancing Mice
Chicken Family**



Order No. 4.24260 Chicken Family

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Design and Copyright



4.24240

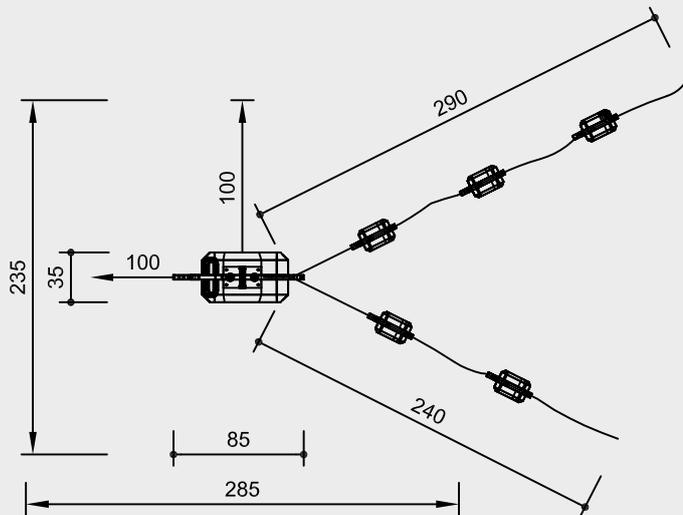
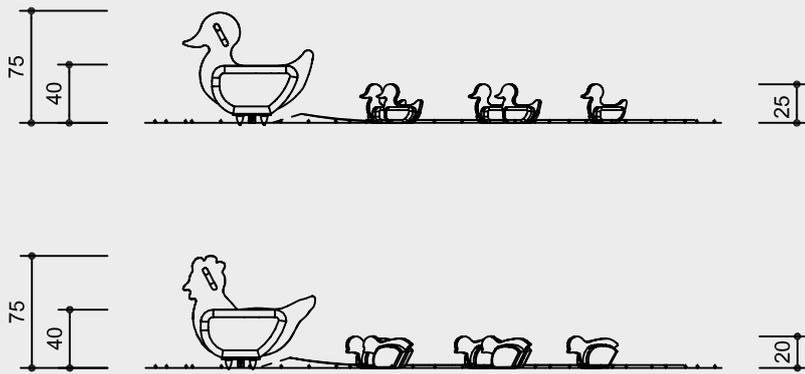


4.24250

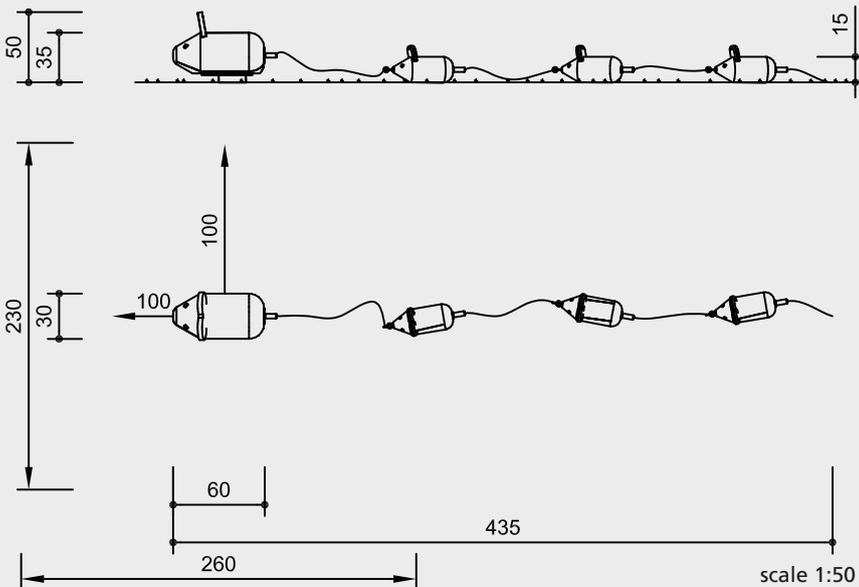


4.24260

Order No. 4.24240 Duck Family
Order No. 4.24260 Chicken Family



Order No. 4.24250 Dancing Mice



Safety check according to EN 1176

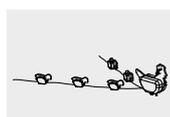
Attention:
Exact measurements may vary, for all installation dimensions refer to current installation instructions.
 Technical changes reserved.



4.24240



4.24260



4.24250

Technical information

core-free

animal bodies made of mountain larch, selected according to eight quality criteria, core-free, by that formation of cracks can be reduced



plywood

duck, chicken and ears of the mouse made of three-layer waterproof plywood of larch, 30 mm



Corocord@rope

special ropes of „Hercules“ type connecting ropes of six-strand Corocord@ rope of the special „Hercules“ type, abrasion protected through heating of the six steel strands and melting the polyamide sleeve onto them



relief cut (only Order No. 4.24250)

a kerf sawn along the underside of the trunk at a suitable place to pre-empt cracks that would form naturally



colouring with solvent-free acrylic paints; the wood is processed in a way that allows the structure of the wood to remain clearly visible

rocking and turning mechanism and fixings hot-dip galvanised

foundation timbers of oak heartwood

Dimensions

(small deviations possible)

Order No. 4.24240 Duck Family
Order No. 4.24260 Chicken Family

overall length 3.75 m
 mother width 0.35 m
 sitting height 0.40 m
 weight approx. 135 kg

Order No. 4.24250 Dancing Mice

overall length 4.35 m
 mother length 0.60 m
 width 0.30 m
 sitting height 0.35 m
 weight approx. 130 kg

Components

Order No. 4.24240 Duck Family
Order No. 4.24260 Chicken Family

1 big animal mother with rocking mechanism
 5 ducklings, threaded on Corocord@ ropes
 1 pre-fabricated foundation
 2 foundation timbers

Order No. 4.24250 Dancing Mice

1 big mother with turning mechanism
 3 little mice, threaded on Corocord@ ropes
 1 pre-fabricated foundation
 1 foundation timber

Installation information

Surfacing requirements corresponding to a fall height of < 0.60 m (please refer to price list for more detailed information)
 Foundations

1 pre-fabricated foundation delivered with equipment
 1 or 2 foundation timbers for digging in

Recommendation

When installed in loose ground, the pre-fabricated concrete foundation should be covered durably, e.g. with safety tiles.

For more detailed explanation of the quality characteristics see price list.



Play value

The abstracted shape of the sheep is no problem for children. At once, they recognize them as standing and resting sheep by their posture, the expression of their faces and the characteristic look of their ears. The sheep become part of role play, they are used for riding or as alternative seats. When they are installed in a group, the play area gets a friendly, warm atmosphere.

Fundamental characteristics

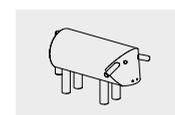
- appealing, child-orientated design
- tactile experience of wood
- abstracted design
- incentive for playing: friendly appearance, ears

Suitable

- for small children's areas of:
 - public playgrounds
 - playgrounds situated near houses
 - nurseries
 - children's homes



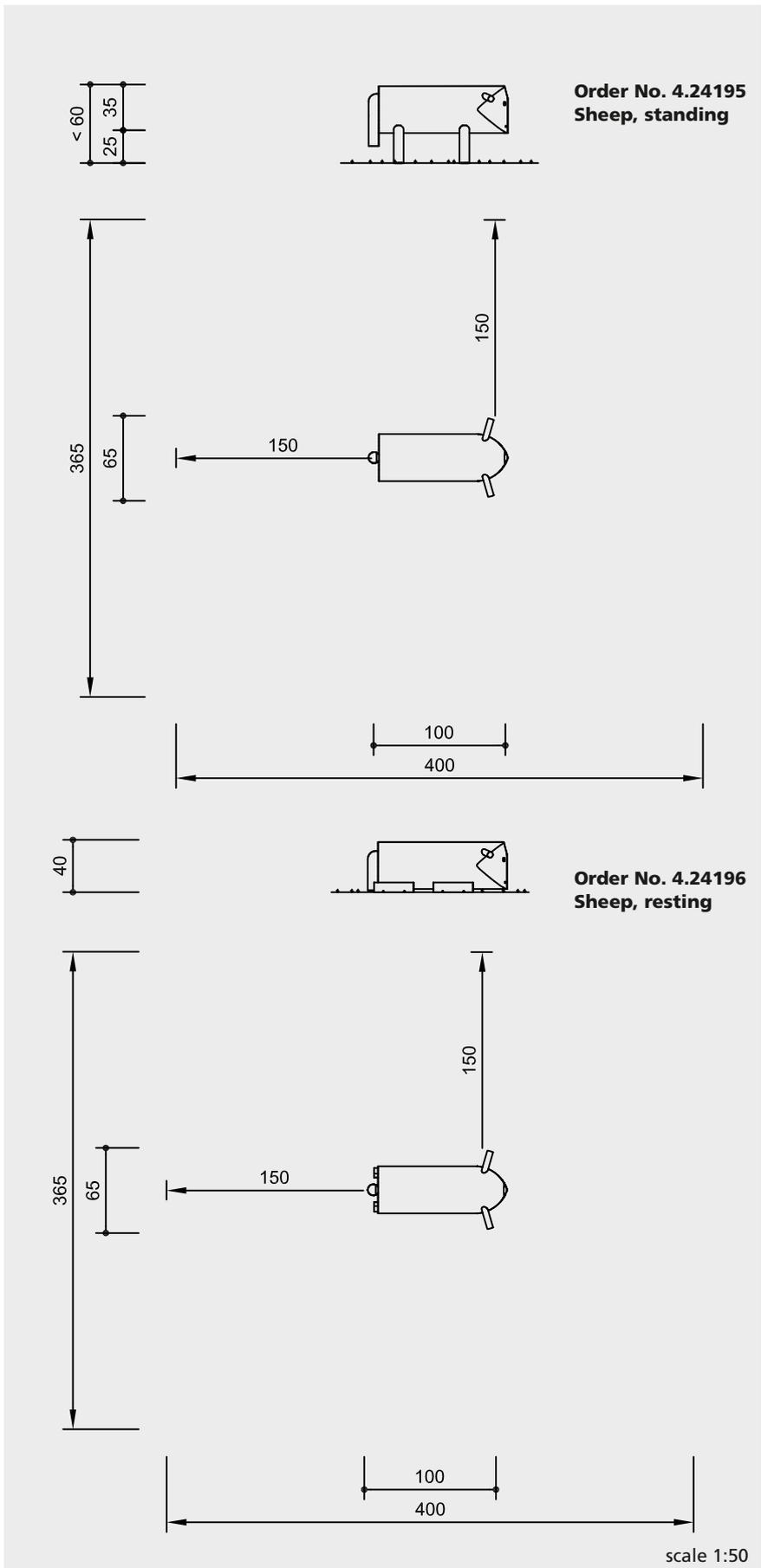
Sheep, standing
Sheep, resting



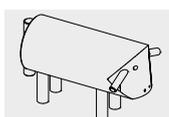
4.24195



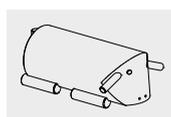
4.24196



Safety check according to EN 1176



4.24195



4.24196

Technical information

de-barked

timbers de-barked, of mountain larch, selected according to eight quality criteria



relief cut

a kerf sawn along the underside of the trunk at a suitable place to pre-empt cracks that would form naturally



foundation irons hot-dip galvanised

Dimensions

(small deviations possible)

height	
sheep, standing	<math>< 0.60\text{ m}</math>
sheep, resting	0.40 m
length	1.00 m
widths	0.40 m
weight	
sheep, standing	approx. 80 kg
sheep, resting	approx. 75 kg

Components

Order No. 4.24195 Sheep, standing

- 1 sheep, standing
- 4 foundation irons

Order No. 4.24196 Sheep, resting

- 1 sheep, resting
- 2 foundation irons

Installation information

Surfacing requirements corresponding to a fall height of <math>< 0,60\text{ m}</math> (please refer to price list for more detailed information)

Foundations (only necessary to immobilise the equipment)

Order No. 4.24195 Sheep, standing

- 2 items 30 x 50 x 30 cm
- excavation depth 50 cm

Order No. 4.24196 Sheep, resting

- 2 items 30 x 30 x 30 cm
- excavation depth 50 cm

Attention:

Exact measurements may vary, for all installation dimensions refer to current installation instructions.

Technical changes reserved.

For more detailed explanation of the quality characteristics see price list.

Play value

The friendly wooden animals are a versatile and characterful design element for the small children's area. They are used for sitting or standing and integrated in role play. These animals help small children identify the play area, leading them to play and remaining in the memory afterwards.



Fundamental characteristics

- child proportions according to ergonomic requirements
- appealing design: plump, friendly bodies
- experiences: large, thick trunks with natural phenomena such as year rings, branches

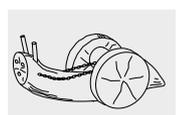
Suitable

- for older than, but also suitable for children under 3 years
- for small children's areas of public playgrounds
- playgrounds situated near houses
- nurseries
- children's homes

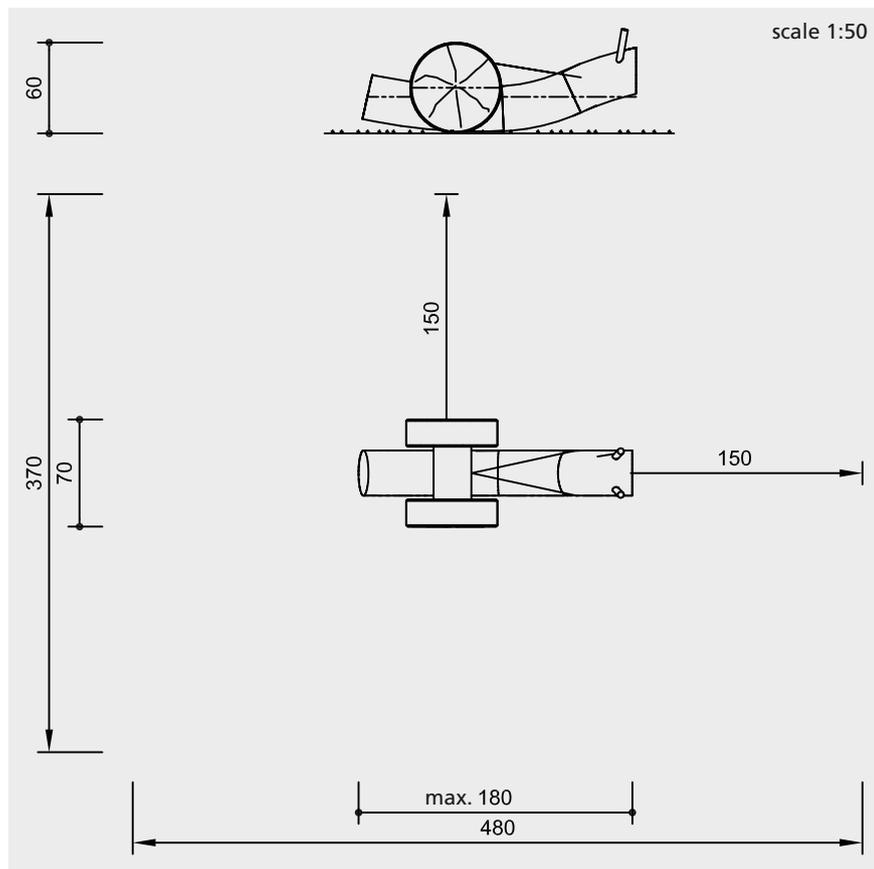
Snail

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Design and Copyright



4.24230



Safety check according to EN 1176

Technical information

de-barked

timbers de-barked, of mountain larch, selected according to eight quality criteria



chains

suspended on short-link chains, 6 mm, welded before hot-dip galvanisation (stainless steel chains available on request)



relief cut

parts which are not core-free have a kerf sawn along the underside of the trunk at a suitable place to pre-empt cracks that would form naturally



foundation irons hot-dip galvanised

Dimensions

(small deviations possible)

length	1.70 -1.80 m
height	0.60 - 0.70 m
weight approx.	200 kg

For more detailed explanation of the quality characteristics see price list.

Components

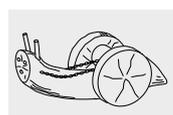
- 1 Snail
- 2 foundation irons

Installation information

Surfacing requirements corresponding to a fall height of < 0,60 m (please refer to price list for more detailed information)

Foundations (only necessary to immobilise the equipment)
 1 item 50 x 30 x 50 cm
 excavation depth 50 cm

Attention:
Exact measurements may vary, for all installation dimensions refer to current installation instructions.
 Technical changes reserved.



4.24230

Play value

The artist took hold of the subjects sheep and flock on different levels and abstracted it with flair. The thick, shaggy wool, the softly shaped ears and the gawky feet of a sheep are transposed as well as the patient and humble appearance which a sheep has while grazing. Even if the movement does not immediately bring to mind an association with sheep, the fine, wobbling of the body reflects the undulations of a walking flock. When standing in a group, these art objects evoke associations with flocks of sheep, unity in variety, and even - due to successful abstraction - one's relationship with nature. The sheep is equally suitable for an artistically designed play point in urban environments. In leisure areas, the animals can be used as amusing, alternative seats for young and old, which promote relaxation and ease by their movement. Children's spaces get an unmistakable identity from a flock of sheep.

Fundamental characteristics

- Art Play
- incentive for playing:
friendly appearance, animal
- movement: climbing, sitting, wobbling

Suitable

- for children from 3 years
- for public playgrounds
playgrounds situated near houses
nurseries
children's homes
therapy institutions for children
pedestrian zones, parks
market squares



Order No. 4.24273 Wild Boar



Order No. 4.24270 Wobbly Sheep



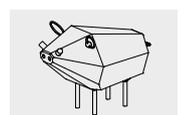
**Wobbly Sheep
Wild Boar**

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Design M. Lehner

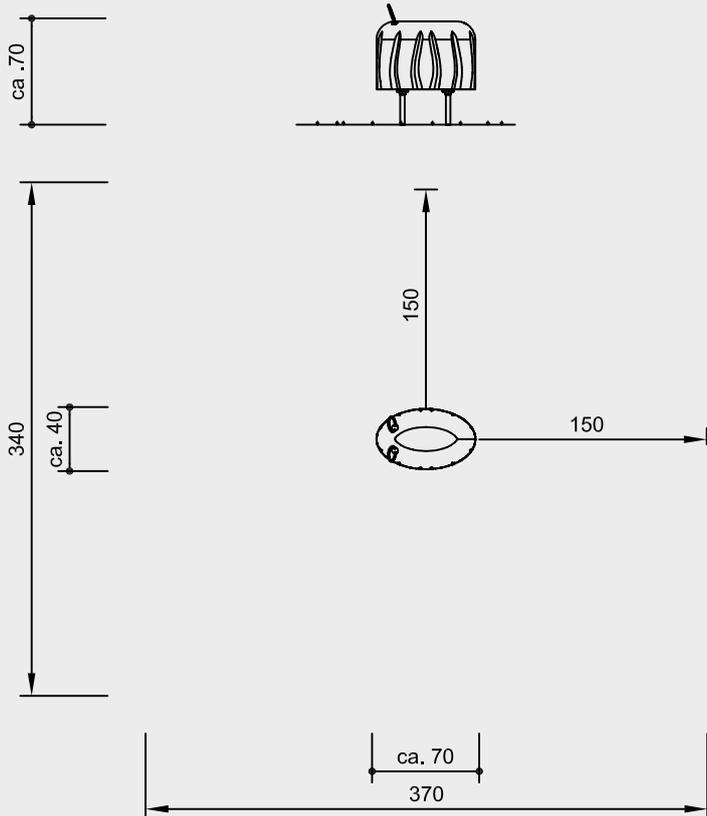


4.24270

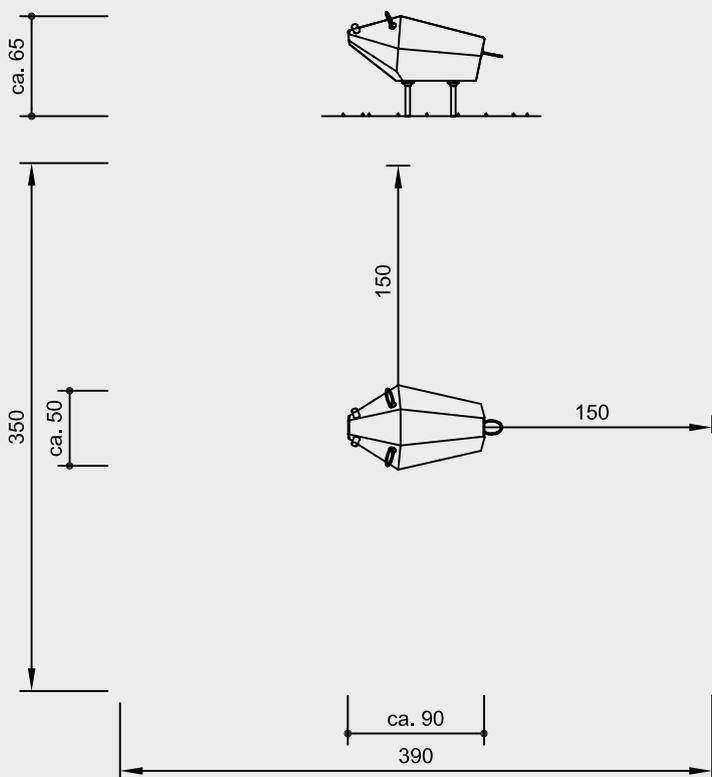


4.24273

**Order No. 4.24270
Wobbly Sheep**



**Order No. 4.24273
Wild Boar**

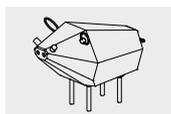


scale 1:50

Safety check according to EN 1176



4.24270



4.24273

Technical information

Body of solid poplar wood, worked on by hand, boiler pressure impregnated according to DIN 68800, hazards class 4

Corocord® rope special ropes of „Hercules“ type
ears of Corocord® rope of the special „Hercules“ type, abrasion protected through heating of the six steel strands and melting the polyamide sleeve onto them



bearing: rubber-metal connection only intended for gentle movement, with screw plate for fixation on ground anchor

Dimensions

(every animal is unique, the indications of the measurements may vary)

Order No. 4.24270 Wobbly Sheep

length approx. 0.70 m
height approx. 0.70 m
width approx. 0.40 m
weight approx. 125 kg

Order No. 4.24273 Wild Boar

length approx. 0.90 m
height approx. 0.65 m
width approx. 0.50 m
weight approx. 140 kg

Components

1 animal with wobbling mechanism, in various sizes
1 ground anchor of steel

Installation information

Surfacing requirements corresponding to a fall height of < 1.00 m (please refer to price list for more detailed information)

Foundations excavation depth for ground anchor 85 x 70 x 50 cm

Attention:

Exact measurements may vary, for all installation dimensions refer to current installation instructions.
Technical changes reserved.

For more detailed explanation of the quality characteristics see price list.

Play value

The gentle nature of these play and art figures and their quiet expressions create an atmosphere of peace which facilitates a friendly encounter with the animals. The stone animals are ideal to stroke, touch and feel or incorporated into role-play games. Play figures such as these strengthen the identity of an area.

Fundamental characteristics

- child-oriented dimensions
- natural colours
- high-quality design
- special concrete with ground granite
- incentive for playing: animals with a friendly appearance
- movement: climbing, sitting, stroking

Suitable

- for small children's areas of:
 - public playgrounds
 - playgrounds situated near houses
 - kindergartens
 - children's homes
 - therapy institutions for children
 - pedestrian areas, parks
 - market squares and piazzas
- nurseries



Small Turtle, concrete-coloured, on request



Small Resting Cat, concrete-coloured, on request



Order No. 4.69060 Bear, charcoal



Order No. 4.65010 Pony, yellow



Order No. 4.68060 Chicken, charcoal



Seal, concrete-coloured, upon request



Order No. 4.62050 Resting Cat, sand



Order No. 4.73020 Lop-eared Rabbit, brown

Stroking Stones

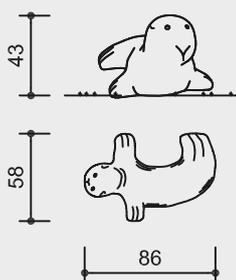
Note

Original colours may deviate from the colours in the pictures.

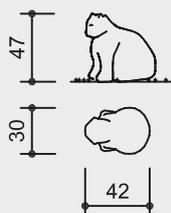


4.60010 - 4.73060

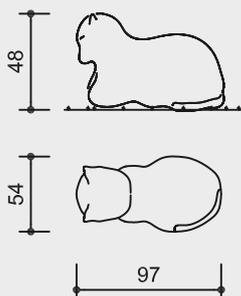
**Order No. 4.60110 -
4.60160 Seal**



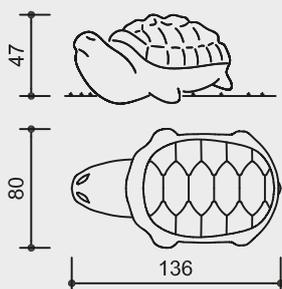
**Order No. 4.61010 -
4.61060 Small Sitting Cat**



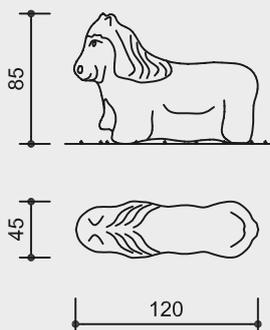
**Order No. 4.62010 -
4.62060 Resting Cat**



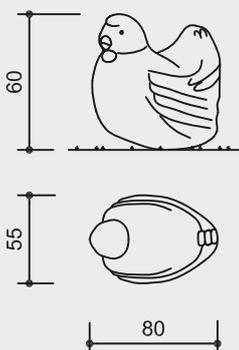
**Order No. 4.64010 -
4.64060 Turtle**



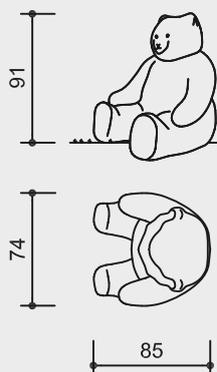
**Order No. 4.65010 -
4.65060 Pony**



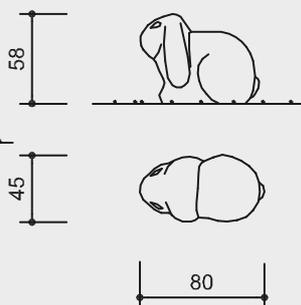
**Order No. 4.68010 -
4.68060 Chicken**



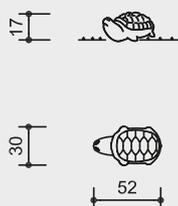
**Order No. 4.69010 -
4.69060 Bear**



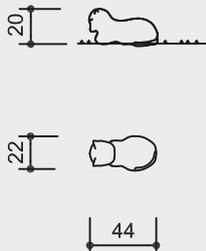
**Order No. 4.73010 -
4.73060 Lop-eared Rabbit**



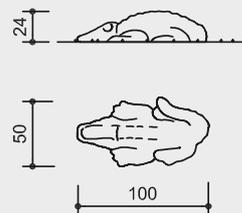
**Order No. 4.70010 -
4.70060 Small Turtle**



**Order No. 4.71010 -
4.71060 Small Resting Cat**



**Order No. 4.72010 -
4.72060 Small Crocodile**



scale 1:50

Technical information

All sculptures are made from special concrete with ground granite, the surface is painted, but not coloured through. Slight irregularities and the formation of bubbles can occur when processing concrete due to conditions of production. The colour examples displayed should be understood as approximate values. Discolorations and shading are possible. Moreover, slight lime bloom cannot be entirely ruled out.

Standard colours



Colour samples are for guidance only, the actual colours will be slightly different!

Dimensions

(small deviations possible)

Order No.	height	width	length
4.60110	0.43 m	0.58 m	0.86 m
4.61010	0.47 m	0.30 m	0.42 m
4.62010	0.48 m	0.54 m	0.97 m
4.64010	0.47 m	0.80 m	1.36 m
4.65010	0.85 m	0.45 m	1.20 m
4.68010	0.60 m	0.55 m	0.80 m
4.69010	0.91 m	0.74 m	0.85 m
4.70010	0.17 m	0.30 m	0.52 m
4.71010	0.20 m	0.22 m	0.44 m
4.72010	0.24 m	0.50 m	1.00 m
4.73010	0.58 m	0.45 m	0.80 m

Order No. weight (without box)

4.60110	115 kg
4.61010	75 kg
4.62010	325 kg
4.64010	519 kg
4.65010	450 kg
4.68010	300 kg
4.69010	580 kg
4.70010	50 kg
4.71010	22 kg
4.72010	125 kg
4.73010	300 kg

Components

one stroking stone each, packed in one box

Installation information

Surfacing requirements
firm and level

Recommendation:

circumferential operational space 1.00 m

Foundations

Foundations are usually not necessary for the big animals due to their heavy weight. If required, threaded bushes have been cast into the underside of all stroking stones for the purpose of installation. Due to the heavy weight of the animals, it must be possible to access the location by means of lifting equipment.

Safety check according to EN 1176



4.60010 - 4.73060

Attention!

Exact measurements may vary, for all installation dimensions refer to current installation instructions. Subject to technical changes!



Order No. 4.63010 Frog, yellow

Play value

The calm expression of the concrete sculptures produces a peaceful atmosphere which invites children to deal lovingly with animals and the environment. It is possible to involve the stone animals into role play activities. One can climb carefully on their back and sit or lie there. And what is even more important: to touch and feel the animals, to nestle up against them or to stroke them. They contribute in giving a distinctive character to a place, thus allowing the development of a local identity.

Fundamental characteristics

- child proportions according to ergonomic requirements
- natural colours
- agreeable design
- special concrete with ground granite
- incentive for playing: animals with a friendly appearance
- movement: climbing, sitting, stroking

Suitable

- for small children's areas of:
 - public playgrounds
 - playgrounds situated near houses
 - kindergartens
 - children's homes
 - therapy institutions for children
 - pedestrian areas, parks
 - market squares and piazzas
- nurseries



Order No. 4.66060 Dog, charcoal

Stroking Stones

Note

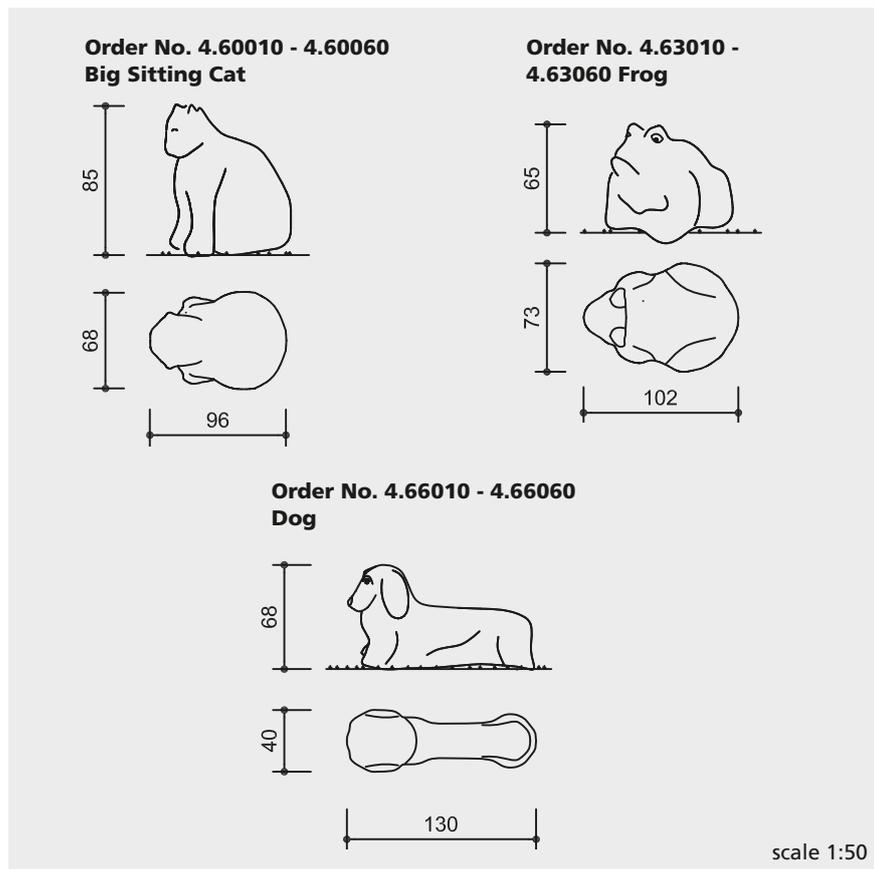
Original colours may deviate from the colours in the pictures.



Order No. 4.64010 Turtle, yellow



4.60010 - 4.73060



Safety check according to EN 1176

Technical information

All sculptures are made from special concrete with ground granite, the surface is painted, but not coloured through. Slight irregularities and the formation of bubbles can occur when processing concrete due to conditions of production. The colour examples displayed should be understood as approximate values. Discolorations and shading are possible. Moreover, slight lime bloom cannot be entirely ruled out.

Standard colours



Colour samples are for guidance only, the actual colours will be slightly different!

Dimensions

(small deviations possible)

Order No.	Height	Width	Length
4.60010	0.85 m	0.68 m	0.96 m
4.63010	0.65 m	0.73 m	1.02 m
4.66010	0.68 m	0.40 m	1.30 m

Order No. Weight (without box)

4.60010	570 kg
4.63010	440 kg
4.66010	450 kg

Components

one stroking stone each, packed in one box

Installation information

Surfacing requirements
firm and level

Recommendation:
circumferential operational space 1.00 m

Foundations
Foundations are usually not necessary for the big animals due to their heavy weight. If required, threaded bushes have been cast into the underside of all stroking stones for the purpose of installation.
Due to the heavy weight of the animals, it must be possible to access the location by means of lifting equipment.

Attention!
Exact measurements may vary, for all installation dimensions refer to current installation instructions.



4.60010 - 4.73060



Play value

The wooden Tractor with Trailer is very attractive to young children because of its friendly material. It enables children to practice simple movements and role-play.



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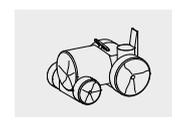
Fundamental characteristics

- child proportions according to ergonomic requirements
- appealing design
- natural wooden surface which appeals to the senses
- incentive for playing: rotating steering wheel, seat, trailer
- movement: climbing up, holding on
- experiences: wood in its natural form with year rings, cracks etc.

**Tractor
Trailer for Tractor**

Suitable

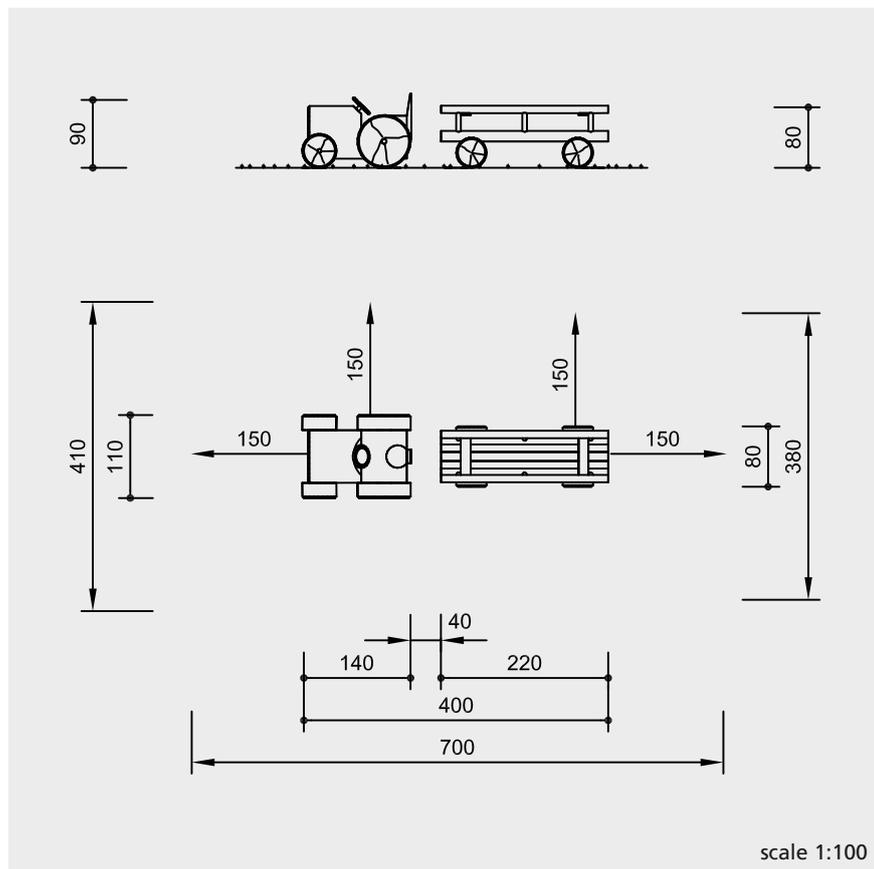
- for older than, but also suitable for children under 3 years
- for public playgrounds
nurseries
playgrounds situated near houses
children's homes
therapy institutions for children
camp sites



4.24000



4.24010



Safety check according to EN 1176

Technical information

equipment of mountain larch, selected according to eight quality criteria

de-barked
tractor and wheels de-barked by hand



core-free
round poles core-free and milled



claddings
thickness 3 - 4.5 cm, de-barked by hand



relief cut
a kerf sawn along the underside of the trunk at a suitable place to pre-empt cracks that would form naturally



foundation irons hot-dip galvanized

Dimensions

(small deviations possible)

Order No.	4.24000	4.24010
length	1.40 m	2.20 m
width	1.10 m	0.80 m
height	0.90 m	0.80 m
weight approx.	350 kg	190 kg

For more detailed explanation of the quality characteristics see price list.

Components

Order No. 4.24000

- 1 Tractor
- 2 foundation irons

Order No. 4.24010

- 1 Trailer
- 2 foundation irons

Installation information

Surfacing requirements corresponding to a fall height
Tractor 0.90 m, Trailer 0.70 m
(please refer to price list for more detailed information)

Foundations
(only necessary to immobilise the equipment)
2 items each 30 x 30 x 30 cm
excavation depth 50 cm

Attention:
Exact measurements may vary, for all installation dimensions refer to current installation instructions.
Technical changes reserved.



4.24000



4.24010

Play value

The Railway with locomotive, rail tender and wagons has a friendly look and gives small children the necessary stimulus for active play. It is an aide to the induction of simple exercises.



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Design and Copyright

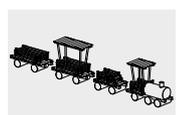
Fundamental characteristics

- child proportions according to ergonomic requirements
- appealing design
- natural wooden surface which appeals to the senses
- incentive for playing: handles in the cabin, wagons
- movement: holding on, climbing, sitting
- experiences: wood in its natural form with year rings, cracks etc.

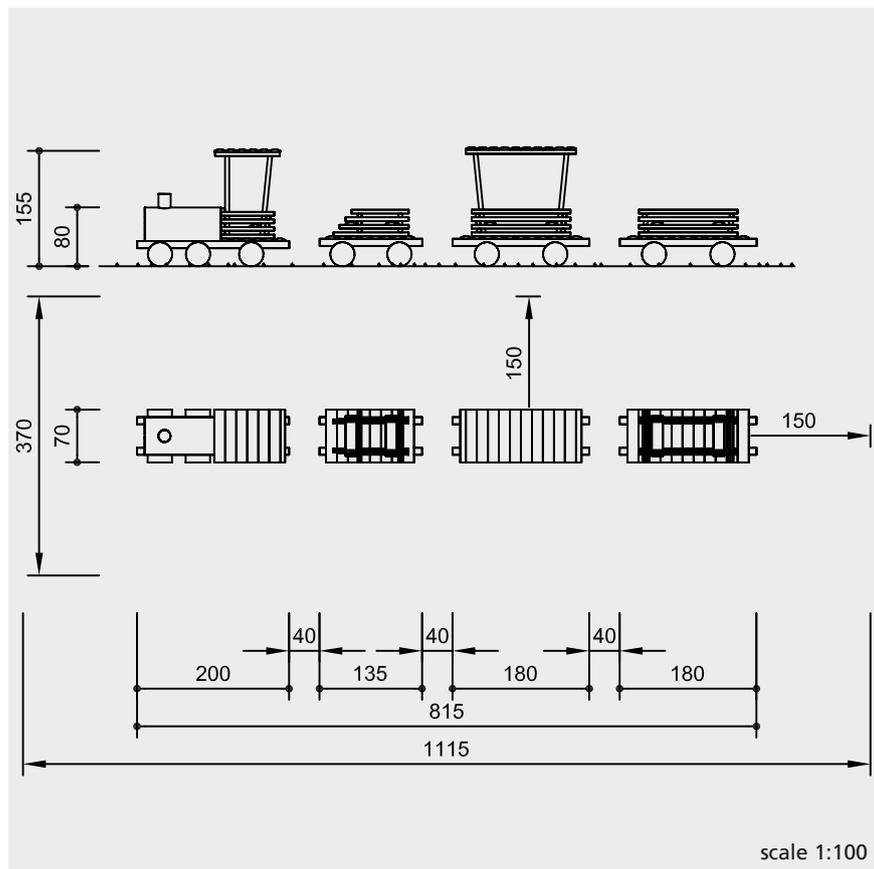
Big Railway

Suitable

- for older than, but also suitable for Children under 3 years
- for public playgrounds
nurseries
children's homes
therapy institutions for children
camp sites



4.24100



Safety check according to EN 1176

Components

- 1 locomotive
- 1 rail tender
- 1 wagon with roof
- 1 wagon without roof
- with 2 foundation irons each

Installation information

Surfacing requirements corresponding to a fall height of 0.80 m (please refer to price list for more detailed information)

Foundations (only necessary to immobilise the equipment)
 8 items 30 x 30 x 30 cm
 excavation depth 50 cm

Attention:
Exact measurements may vary, for all installation dimensions refer to current installation instructions.
 Technical changes reserved.

Technical information

Equipment of mountain larch, selected according to eight quality criteria

de-barked
 solid wooden elements de-barked by hand



core-free
 sawn timbers core-free, by that formation of cracks can be reduced



claddings
 thickness 3 - 4.5 cm, de-barked by hand



relief cut
 a kerf sawn along the underside of the trunk at a suitable place to pre-empt cracks that would form naturally



foundation irons hot-dip galvanized

Dimensions

(small deviations possible)

length	1.35 m - 2.00 m
width	0.70 m
max. height	1.55 m
weight approx.	820 kg

For more detailed explanation of the quality characteristics see price list.



4.24100



Play value

The child's sense of proportion is reflected in the attractive shape of the RIKO Railway. The height-differentiated parts are good for holding onto and climbing on; driving with the train is great fun.



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Fundamental characteristics

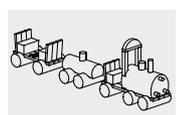
- child-oriented dimensions
- emotionally appealing design
- natural wooden surface which appeals to the senses
- incentive for playing: bell, trailer
- movement: climbing, holding on
- experience: wood in its natural form with year rings, branches, cracks etc.

RIKO Railway

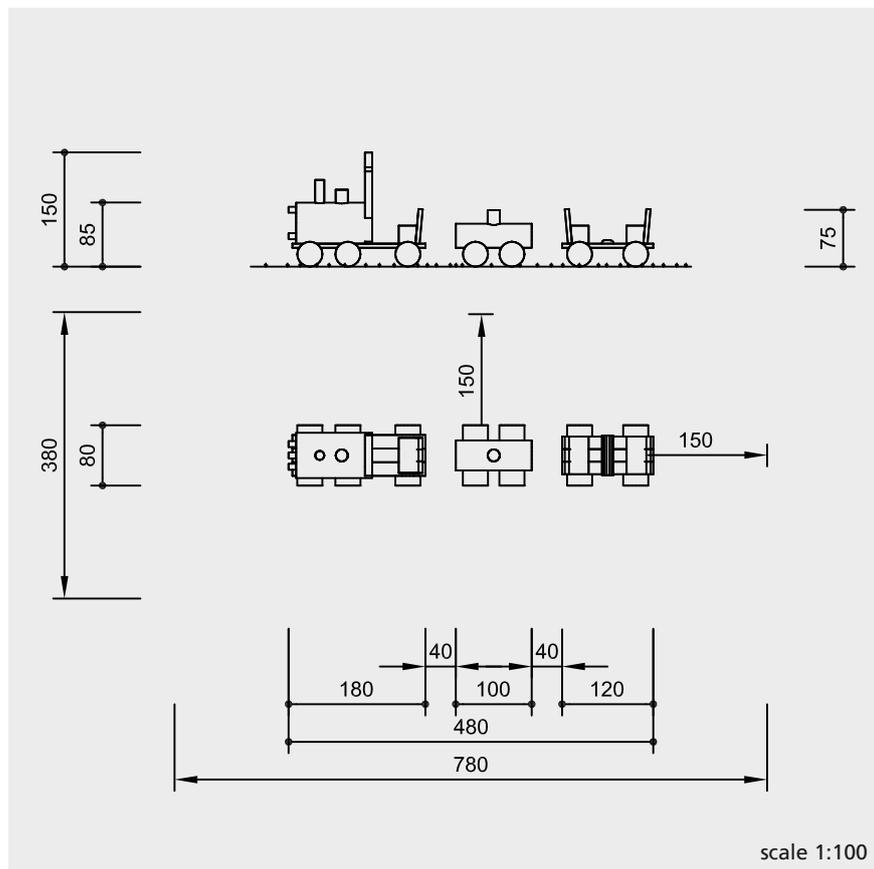
Suitable

- for small children's areas of:
 - public playgrounds
 - playgrounds situated near houses
 - kindergartens
 - children's homes
 - therapy institutions for children
 - camp sites
- nurseries

Design and Copyright



4.24120



Safety check according to EN 1176

Components

- 1 locomotive
- 1 rail tender
- 1 wagon
with 2 foundation irons each

Installation information

Surfacing requirements corresponding to a fall height of 0.85 m (please refer to price list for more detailed information)

Foundations (only necessary to immobilise the equipment)
6 items 30 x 30 x 30 cm
excavation depth 50 cm

Attention:
Exact measurements may vary, for all installation dimensions refer to current installation instructions.
Technical changes reserved.

Technical information

equipment of mountain larch, selected according to eight quality criteria

de-barked
solid wooden parts are de-barked by hand



core-free
sawn timbers core-free, by that formation of cracks can be reduced



relief cut
a kerf sawn along the underside of the trunk at a suitable place to pre-empt cracks that would form naturally



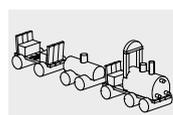
foundation irons hot-dip galvanised

Dimensions

(small deviations possible)

max. height	1.50 m
lengths	1.00 m to 1.80 m
width	0.80 m
weight approx.	650 kg

For more detailed explanation of the quality characteristics see price list.



4.24120



Working with Sand and Water

Flood

There's a lot going on in the water area. Around the digger a deep trough has been dug which is filling up more and more with water. The pump above it is being untiringly pumped; the gutter is running over, a narrow channel leads the water to the digger's ditch. Near to the pool a small girl is totally absorbed in building little sandcastles, and decorating the tips with twigs. The digger driver cries: "Look out, beware! It's going to flood in a minute!" The girl jumps up and recognizes the dangerous situation. "Stop, stop", she calls. However the industrious pumper just gets more excited and laughingly pumps the lever even harder. The catastrophe is unavoidable. Without thinking much about it the girl fetches small square pieces of wood from the bushes. She lays them starting from the edge of the pool parallel to the path up to the woodchip area. With a kick of her foot she opens the rim of the pool. The water level sinks fast as the well-channelled water flows into the woodchip where it seeps away. With respect the digger driver calls: "Good work, well spotted!" Alarm over!" The "man" at the pump stops working in astonishment.

Splashing about in mud, modelling and building: playing with water, sand and earth appears to be a basic human need, and one that even adults can't entirely close off. That's why it is all the more important to offer children of almost all developmental stages the opportunity to act out these needs and go through the experiences they involve. Contact with the elements of water and earth stimulates creativity. Children plan and design: here they are still able to experience the possibilities of transformation and its consequences. Insight into various operational sequences can be gained in a playful way as well as basic knowledge of physics. It is in the water/mud area of playgrounds, more than in any other play area that totally absorbed play can be observed, whether it be an individual piece of equipment or a game with extensive cooperation and communication, especially if it is about a building project.



Play value

Playing with sand has a very stimulating quality, which is why it should not be missing from any small children's area. And if there is also water available children can splash and mix away, make sandcastles and "bake cakes".



Sun sail see Order No. 4.24309 in the price list

Fundamental characteristics

- child-oriented dimensions
- natural wooden surface which appeals to the senses

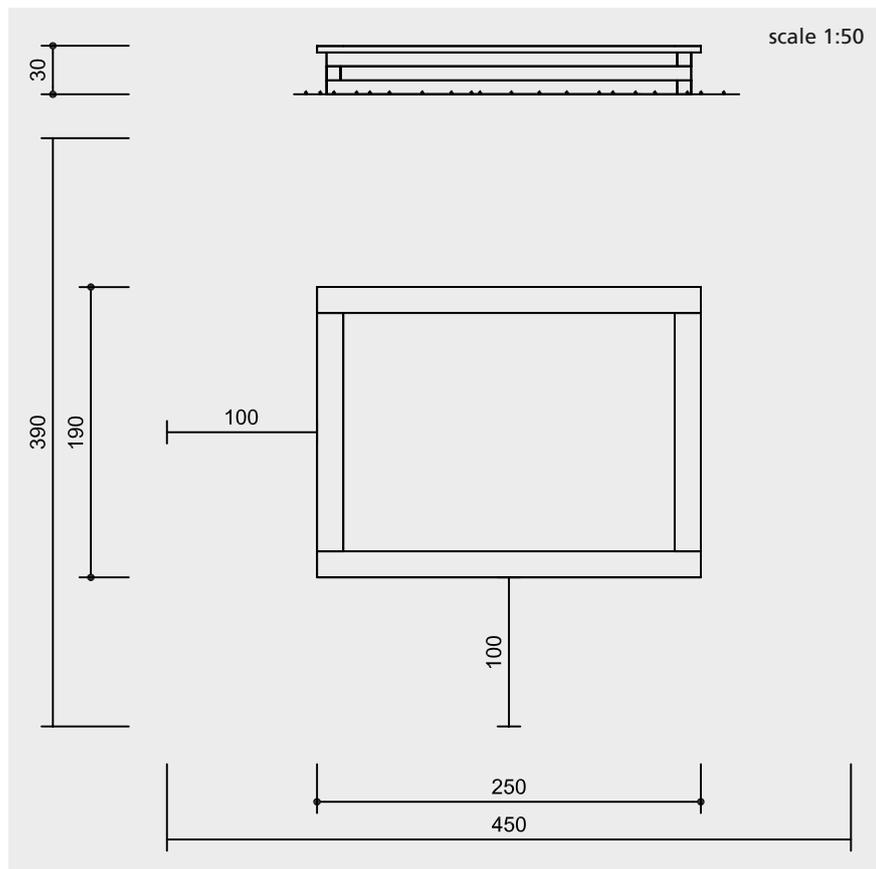
Sand Box

Suitable

- for small children's areas of: playgrounds situated near houses kindergartens
- nurseries



4.24305



Safety check according to EN 1176

Components

- 1 sand box
- 2 ground anchors

Installation information

Surfacing requirements
no requirements
Play sand is required for correct functioning.

Foundations
(only necessary in order to immobilise the equipment)
2 ground anchors are included for fastening in the ground.

Attention!
Exact measurements may vary, for all installation dimensions refer to current installation instructions.
Subject to technical changes!

Technical information

equipment made of mountain larch, selected according to eight quality criteria

core-free

sawn-timbers core-free, thus decreasing the occurrences of cracking



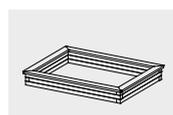
foundation irons hot-dip galvanised

Dimensions

(small deviations possible)

height	0.30 m
length	2.50 m
width	1.90 m
weight approx.	160 kg

For more detailed explanation of the quality characteristics see price list.



4.24305

Play value

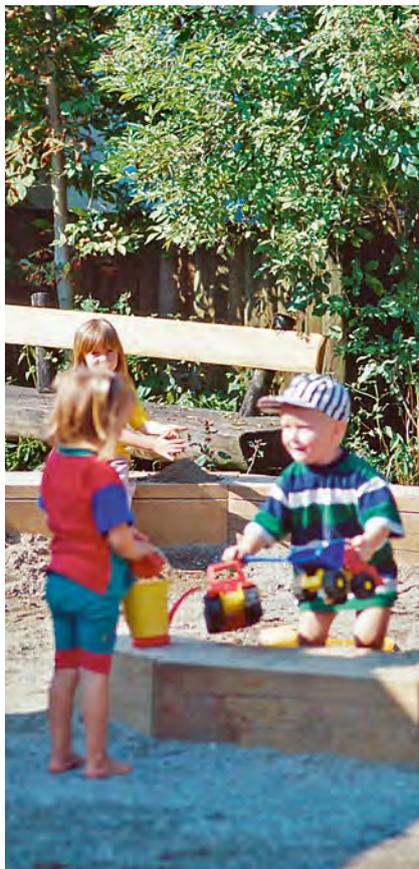
The Sand Snake is not just an enclosure for a sand pit, but also serves as a surface for playing and "baking", or as an alternative bench which can be balanced upon. Shaped like a big animal, the Sand Snake is an artistic design element which, coupled with its versatility, makes it a very special decorative object for any playground or adventure area.

Fundamental characteristics

- high-quality design
- natural wooden surface which appeals to the senses
- due to modular system, the direction of the snake can be changed
- incentive for playing: big head with ears, smooth play and seating surface
- movement: balancing, climbing, touching it

Suitable

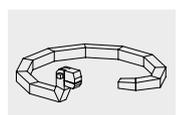
- for small children's areas of:
 - public playgrounds
 - playgrounds situated near houses
 - kindergartens
 - parks
- nurseries



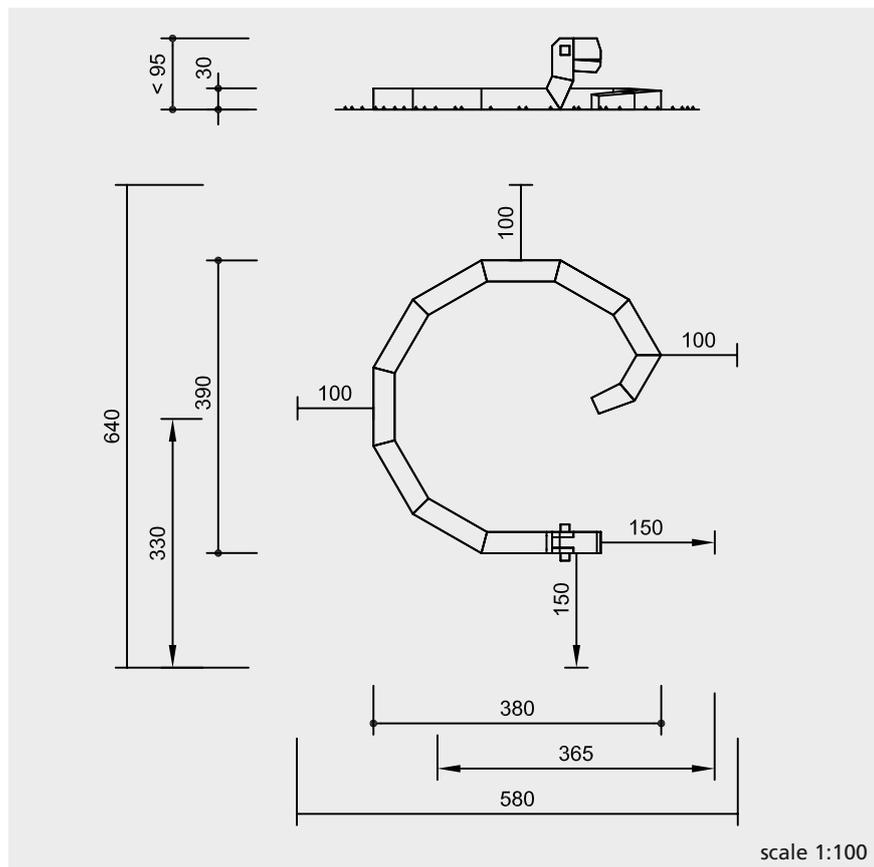
Sand Snake

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Design F. Schelb



5.00001



Technical information

equipment made of mountain larch, selected according to eight quality criteria, cross section 28/28 cm

foundation anchors for head and tail hot-dip galvanised

Dimensions

(small deviations possible)

height	0.30 m
height of head	<math>< 0.95</math> m
length	3.80 m
width	3.90 m
weight approx.	650 kg

Safety check according to EN 1176

Components

- 1 head
- 1 shuttering for the head
- 7 body elements
- 1 tail

Installation information

Surfacing requirements corresponding to a fall height of <math>< 0.95</math> m (please refer to price list for more detailed information)
Play sand is required for correct functioning.

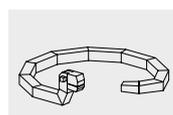
Foundations

- 1 item 100 x 50 x 60 cm excavation depth 60 cm
- 1 item 40 x 40 x 20 cm excavation depth 40 cm

Attention!

Exact measurements may vary, for all installation dimensions refer to current installation instructions.

Subject to technical changes!



5.00001

Play value

The caterpillar is a friendly play offer for small children. The harmonious appearance of the figure and the way in which it is possible to play from both sides offer a lively and pleasant basis for smaller playing spaces. The space partitions promote communicative play, but also make it possible to create borders and divisions of the play areas. Alongside there are many different sand play offers such as sand shovel, sand dump, sieve, turntable, baking table and sand channels.



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Design: F. Dorband/K. H. Thiele

Fundamental characteristics

- friendly appearance
- sand play area
- peepholes

Suitable

- for small children's areas of:
 - public playgrounds
 - playgrounds near houses
 - kindergartens
 - children's homes
 - therapy institutions for children
 - camp sites
- for nurseries

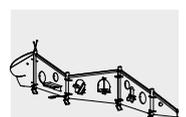
Planning information

The angles of the opposing wall elements and their number can be freely selected to a great extent. Both spread-out as well as more compact floor plans can be constructed. By freely selecting and arranging the individual elements, it is possible to carry out planning according to your requirements. The elements can also be used as partitioning play units without caterpillar head and tail.

Note

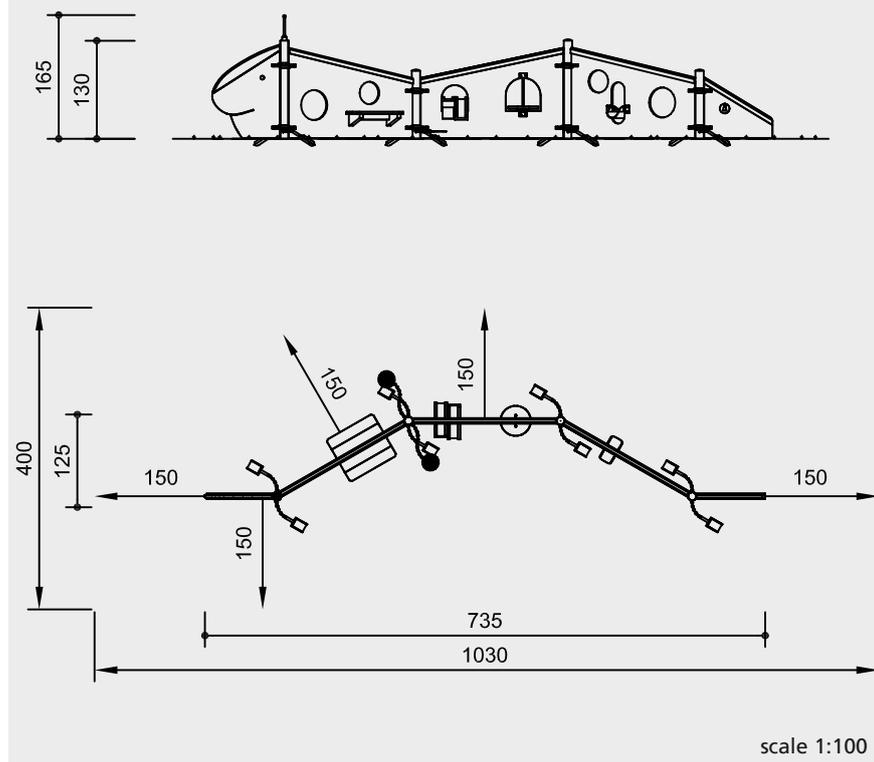
In the standard version, only the head and tail use colour in their design. The elements installed in between are also available with coloured trims (as shown in the photograph) at extra charge.

Caterpillar type 01



5.00010

Example for installation



Safety check according to EN 1176

Components

- 1 head with horns
- 1 element: baking table with 2 sand sieves and 4 shovels
- 1 element: sand see-saw and 2 shovels
- 1 element: turntable, two-way channel and 2 shovels
- 1 tail with a bell

Installation information

Surfacing requirements corresponding to a fall height of < 0.60 m (please refer to price list for more detailed information)

Foundations

- 4 items 60 x 60 x 60 cm excavation depth 80 cm
- 2 items 30 x 30 x 30 cm excavation depth 50 cm

Attention!

Exact measurements may vary, for all installation dimensions refer to current assembly instructions.
We reserve the right to make technical alterations!

Technical information

core-free

equipment made of mountain larch, selected according to eight quality criteria, core-free, thus decreasing the occurrences of cracking



tongue and groove

baking table made of 40 mm tongue and groove boarding



plywood

wall elements made of waterproof larch plywood board, 30 mm



Corocord@rope

special ropes of "Hercules" type

horns of six-strand Corocord@ rope of the special „Hercules“ type, abrasion-protected through heating of the six steel strands and melting the polyamide sleeve onto them



chains

short-link chains, 5 mm, welded before hot-dip galvanisation (stainless steel chain available on request)



colouring with solvent-free acrylic paints: the wood is processed in a way that allows the structure of the wood to remain clearly visible

posts and sand sieves made of stainless steel

bell made of brass

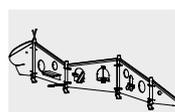
foundation irons hot-dip galvanised

Dimensions

(small deviations possible)

total height	1.65 m
height of head	1.30 m
length of the element	
head	1.00 m
middle part	2.00 m
tail	1.00 m
weight approx.	350 kg

For more detailed explanation of the quality characteristics see price list.



5.00010

Play value

The caterpillar is a friendly play offer for small children. The harmonious appearance of the figure and the way in which it is possible to play from both sides offer a lively and pleasant basis for smaller playing spaces. The space partitions promote communicative play, but also make it possible to create borders and divisions of the play areas. This caterpillar type is equipped with coloured discs, a marble run and rotating discs.



Fundamental characteristics

- friendly appearance
- coloured discs
- rotating discs

Suitable

- for small children's areas of:
 - public playgrounds
 - playgrounds situated near houses
 - kindergartens
 - children's homes
 - therapy institutions for children
 - camping sites
- nurseries

Planning information

The angles of the opposing wall elements and their number can be freely selected to a great extent. Both spread-out as well as more compact floor plans can be constructed. By freely selecting and arranging the individual elements, it is possible to carry out planning according to your requirements. The elements can also be used as partitioning play units without caterpillar head and tail.

Note

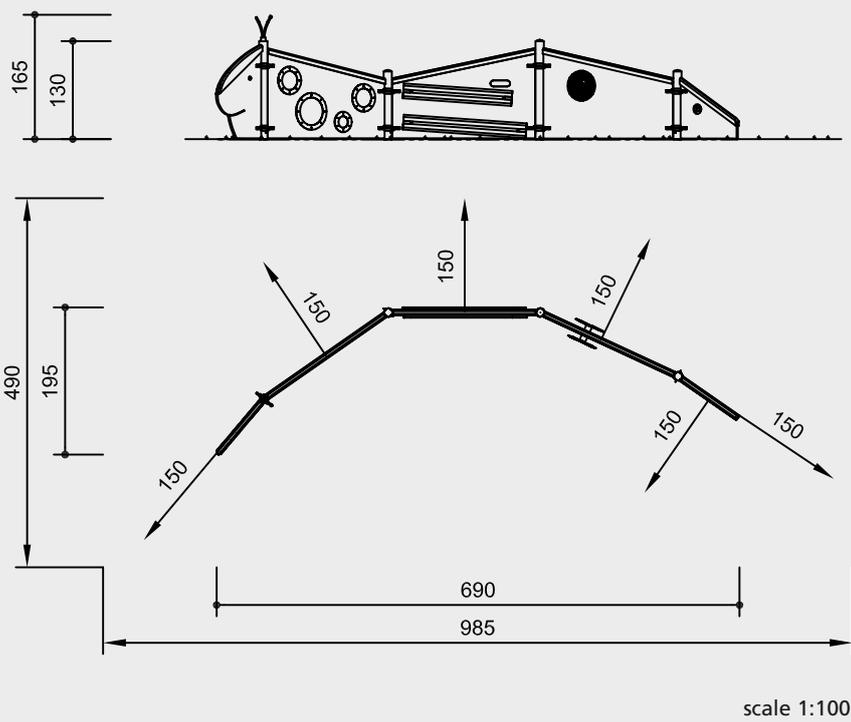
In the standard version, only the head and tail use colour in their design. The elements installed in between are also available with coloured trims at extra charge.

Caterpillar type 02



5.00015

Example of installation



Safety check according to EN 1176

Components

- 1 head with horns
- 1 element: coloured discs
- 1 element: marble run
- 1 element: rotating discs
- 1 tail with bell

Installation information

Surfacing requirements corresponding to a fall height of < 0.60 m (please refer to price list for more detailed information)

- Foundations
- 4 items 60 x 60 x 60 cm excavation depth 80 cm
 - 2 items 30 x 30 x 30 cm excavation depth 50 cm

Attention!
Exact measurements may vary, for all installation dimensions refer to current installation instructions.
 We reserve the right to make technical alterations!

Technical information

core-free timber
 equipment made of timber of mountain larch, selected according to eight quality criteria, core-free thus decreasing the occurrence of cracking



plywood
 wall elements made of waterproof larch plywood board, 30mm



Corocord® rope
 horns of six-strand Corocord® rope of the special „Hercules“ type, abrasion-protected through heating of the six steel strands and melting the polyamide sleeve onto them



- posts made of stainless steel
- bell made of brass
- foundation irons hot-dip galvanised

colour
 colouring with solvent-free acrylic paints; the wood is processed in a way that allows the structure of the wood to remain clearly visible

Rotating Discs
 disc made of PVC hard integral foam

- printed-on black and white motif
- anti-glare surface
- maintenance-free ball bearings (long-lasting turning action)

flange and fastening bolts made of stainless steel

Coloured Discs
 made of acrylic glass 3 mm, fastening frame made of stainless steel

Dimensions
 (small deviations possible)

total height	1.65 m
height of head	1.30 m
length of the element	
head	1.00 m
middle part	2.00 m
tail	1.00 m
weight approx.	350 kg

For more detailed explanation of the quality characteristics see price list.



5.00015

Play value

The caterpillar is a friendly play offer for small children. The harmonious appearance of the figure and the way in which it is possible to play from both sides offer a lively and pleasant basis for smaller playing spaces. The space partitions promote communicative play, but also make it possible to create borders and divisions of the play areas. This caterpillar type is equipped with a sun sail and an opportunity for role-playing games such as "kitchen". The latter can also be fitted with a water connection via a garden hose.



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Fundamental characteristics

- friendly appearance
- kitchen
- sun sail

Suitable

- only for supervised small children's areas of:
 - public playgrounds
 - playgrounds situated near houses
 - kindergartens
 - children's homes
 - therapy institutions for children
 - camping sites
- nurseries

Planning information

The angles of the opposing wall elements and their number can be freely selected to a great extent. Both spread-out as well as more compact floor plans can be constructed. By freely selecting and arranging the individual elements, it is possible to carry out planning according to your requirements. The elements can also be used as partitioning play units without caterpillar head and tail.

Note

In the standard version, only the head and tail use colour in their design. The element installed in between is also available with a coloured trim at extra charge.

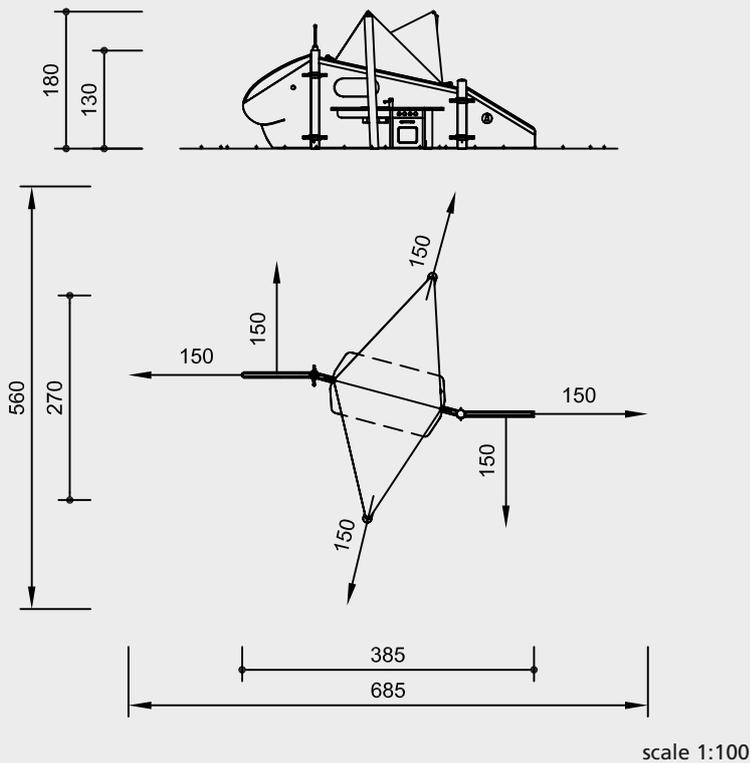
Caterpillar type 03



5.00020

Design: F. Dorband/K. H. Thiele

Example of installation



Safety check according to EN 1176

Components

- 1 head with horns
- 1 element: kitchen
- 1 tail with bell
- 1 sun sail

Installation information

Surfacing requirements corresponding to a fall height of < 0.60 m (please refer to price list for more detailed information)

Foundations

- 4 items 60 x 60 x 60 cm excavation depth 80 cm
- 2 items 30 x 30 x 30 cm excavation depth 50 cm

Attention!

Exact measurements may vary, for all installation dimensions refer to current installation instructions.

We reserve the right to make technical alterations!

Technical information

core-free timber

equipment made of timber of mountain larch, selected according to eight quality criteria, core-free thus decreasing the occurrence of cracking



plywood

wall elements made of waterproof larch plywood board, 30mm



Corocord® rope

horns of six-strand Corocord® rope of the special „Hercules“ type, abrasion-protected through heating of the six steel strands and melting the polyamide sleeve onto them



colour

colouring with solvent-free acrylic paints; the wood is processed in a way that allows the structure of the wood to remain clearly visible

posts made of stainless steel

bell made of brass

foundation irons hot-dip galvanised

Sun Sail

diamond shaped, made of acrylic material, high UV resistance

Kitchen

hotplates made of polyamide, sink made of stainless steel, rubber buffers as knobs

Dimensions

(small deviations possible)

total height	1.80 m
height of head	1.30 m
length of the element	
head	1.00 m
middle part	2.00 m
tail	1.00 m
weight approx.	200 kg

For more detailed explanation of the quality characteristics see price list.



5.00020

Play value

The caterpillar is a friendly play offer for small children. The harmonious appearance of the figure and the way in which it is possible to play from both sides offer a lively and pleasant basis for smaller playing spaces. The space partitions promote communicative play, but also make it possible to create borders and divisions of the play areas. This caterpillar type is equipped with a turntable, a two-way channel and shovels.



Fundamental characteristics

- friendly appearance
- sand play equipment

Suitable

- for small children's areas of:
 - public playgrounds
 - playgrounds situated near houses
 - kindergartens
 - children's homes
 - therapy institutions for children
 - camping sites
- nurseries

Planning information

The angles of the opposing wall elements and their number can be freely selected to a great extent. Both spread-out as well as more compact floor plans can be constructed. By freely selecting and arranging the individual elements, it is possible to carry out planning according to your requirements. The elements can also be used as partitioning play units without caterpillar head and tail.

Note

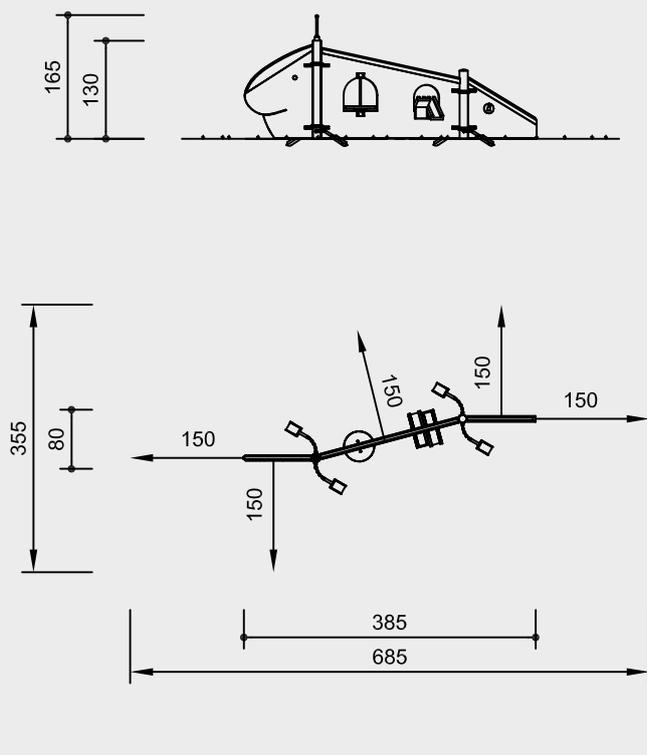
In the standard version, only the head and tail use colour in their design. The element installed in between is also available with a coloured trim (as shown in the photograph) at extra charge.

Caterpillar type 04



5.00025

Example of installation



scale 1:100

Safety check according to EN 1176

Components

- 1 head with horns
- 1 element: turntable, two-way channel, 4 shovels
- 1 tail with bell

Installation information

Surfacing requirements corresponding to a fall height of < 0.60 m (please refer to price list for more detailed information)

Foundations

- 2 items 60 x 60 x 60 cm excavation depth 80 cm
- 2 items 30 x 30 x 30 cm excavation depth 50 cm

Attention!

Exact measurements may vary, for all installation dimensions refer to current installation instructions.

We reserve the right to make technical alterations!

Technical information

core-free timber

equipment made of timber of mountain larch, selected according to eight quality criteria, core-free thus decreasing the occurrence of cracking



plywood

wall elements made of waterproof larch plywood board, 30mm



Corocord® rope

horns of six-strand Corocord® rope of the special „Hercules“ type, abrasion-protected through heating of the six steel strands and melting the polyamide sleeve onto them



chains

short-link chains, 5 mm, welded before hot-dip galvanisation (stainless steel chains available on request)



colour

colouring with solvent-free acrylic paints; the wood is processed in a way that allows the structure of the wood to remain clearly visible

posts made of stainless steel

bell made of brass

foundation irons hot-dip galvanised

Dimensions

(small deviations possible)

total height	1.65 m
height of head	1.30 m
length of the element	
head	1.00 m
middle part	2.00 m
tail	1.00 m

weight approx. 150 kg

For more detailed explanation of the quality characteristics see price list.



5.00025



Function and Play value

Many children are very satisfied with doing proper work. The Building Sites give them the opportunity to realistically mimic the working world of adults. Heavy loads can be moved over a roller, sand and water can be poured into pipes or gutters, a sand wheel can be turned, the dumper box takes a load of sand and a bucket is filled. Cooperation results from carrying out a mutual purpose, while physical laws are unconsciously recognised and brought into play. The structure should stand in a sand or gravel surface for ensuring the best play value.

Fundamental characteristics

- child proportions according to ergonomic requirements
- naturally shaped, de-barked posts
- technical construction evokes interest
- appealing design
- many play offers
- sturdy tongue and groove floor allows for large play space below the platform
- high play value on a limited space
- can be combined with additional elements
- incentive for playing: sand hoists, sand wheel, chains
- movement: physical effort, climbing

Suitable

- for children from 3 years
- for public playgrounds
- playgrounds situated near houses
- nurseries
- children's homes
- elementary schools



Building Sites



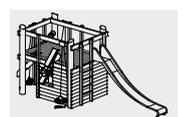
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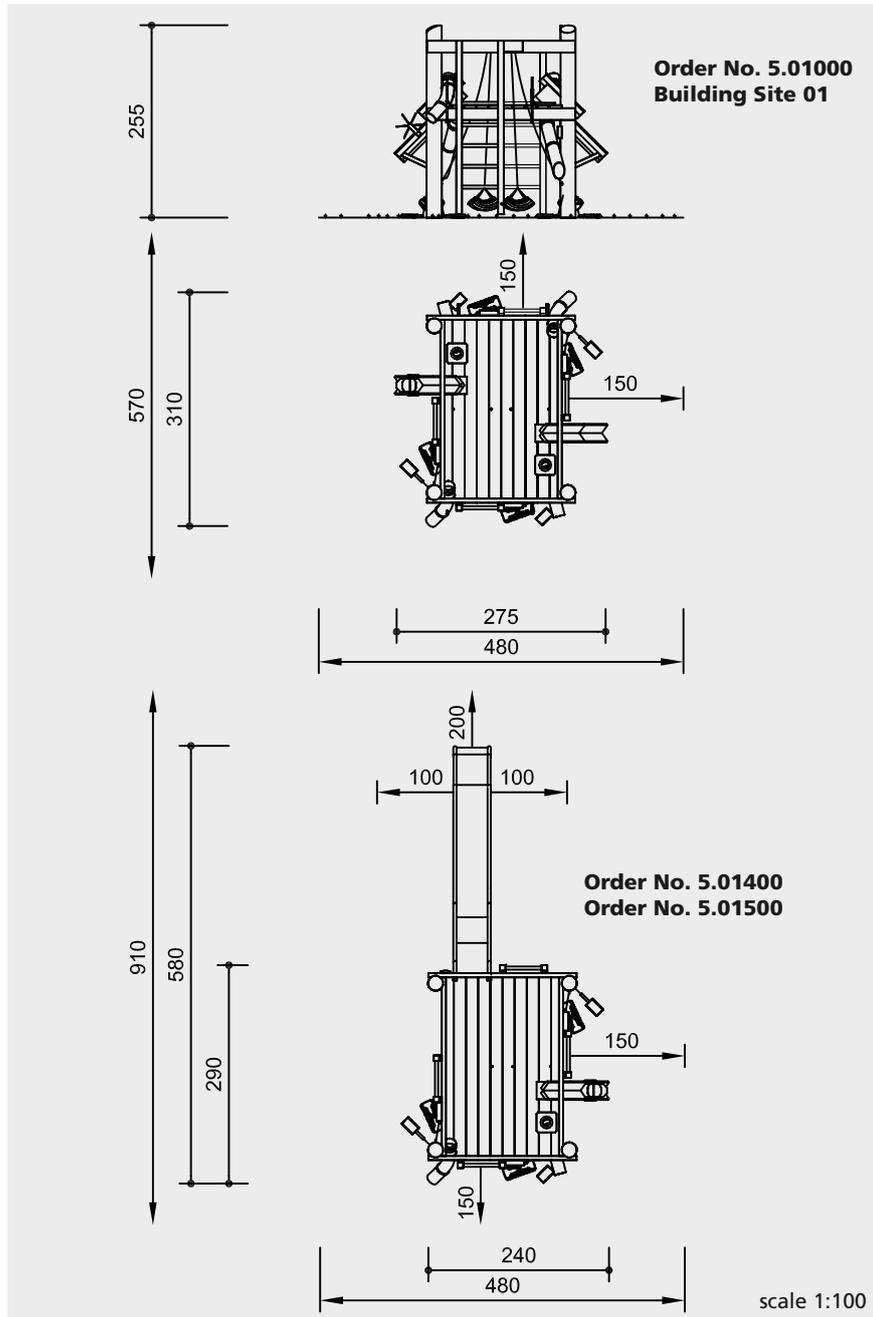
5.01100



5.01400



5.01500



Safety check according to EN 1176

Components

Order No. 5.01000 Building Site 01

- 1 Platform height 1.50 m, 4 Ladders
- 4 Sand Hoists with 4 Shovels
- 4 Sand Chutes
- 2 Sand Trays, 2 level, 1 Sand Wheel

Order No. 5.01100 Building Site 011

- 1 Platform height 1.50 m, 3 Ladders
- 3 Sand Hoists with 3 Shovels
- 2 Sand Chutes
- 1 Sand Tray, 2 level, 1 Sand Wheel
- 3 Walls
- 2 Benches
- 1 Table

Order No. 5.01400 Building Site 014

- 1 Platform height 1.50 m, 4 Ladders
- 3 Sand Hoists with 3 Shovels
- 2 Sand Chutes
- 1 Sand Tray, 2 level, 1 Sand Wheel
- 1 Stainless Steel Slide with ground anchor height 1.50 m

Order No. 5.01500 Building Site 015

- 1 Platform height 1.50 m, 3 Ladders
- 3 Sand Hoists with 3 Shovels
- 2 Sand Chutes
- 1 Sand Tray, 2 level, 1 Sand Wheel
- 3 Walls
- 2 Benches
- 1 Table
- 1 Stainless Steel Slide with ground anchor height 1.50 m



5.01000



5.01100



5.01400



5.01500

Materials - Basic Construction

de-barked

de-barked posts, Ø 18 - 21 cm, of spruce/fir, boiler pressure impregnated according to DIN 68800, hazards class 4



angle cut

vertical support posts with angle cut in the end grain section as constructive wood preservation



perforated

the earth/air zone of the wood is perforated by small bore holes to ensure that the impregnating agent penetrates this particularly endangered zone



core-free

sawn-timbers of mountain larch, selected according to eight quality criteria, core-free, by that formation of cracks can be reduced



tongue and groove

platform boards of 40 mm tongue and groove boarding



hardwood rungs

climbing rungs of hardwood, milled and mortised, Ø 42 mm



milled-off tyres

sand containers made of milled-off tyre segments to make the elements clean, smooth, soft and light



chains

suspended on short-link chains, 5 mm, welded before hot-dip galvanisation (stainless steel chains available on request)



chutes of plastic, wall thickness approx. 7 mm

sand wheel hot-dip galvanised

Materials - Add-on Equipment

Site Hut

claddings

thickness 3 - 4.5 cm, de-barked by hand, of mountain larch, selected according to eight quality criteria



Slide

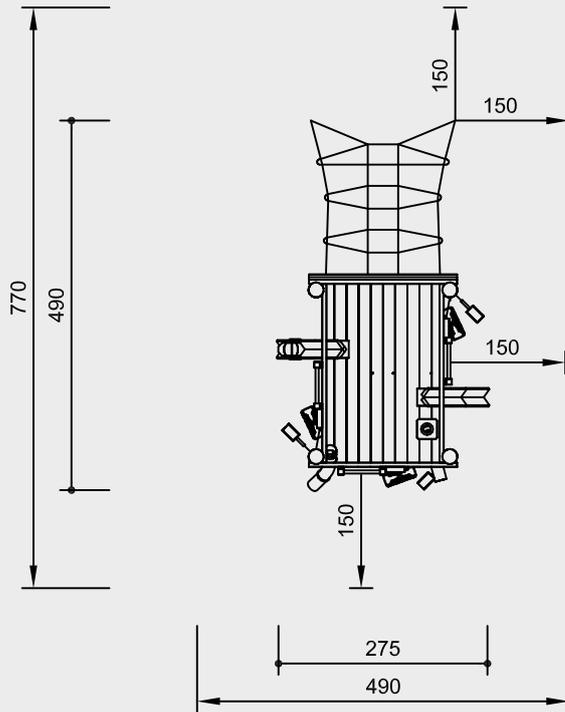
one-piece construction

total construction of slide of 2 mm stainless steel, mould-profiled longitudinally, no welding seams along the slide surface



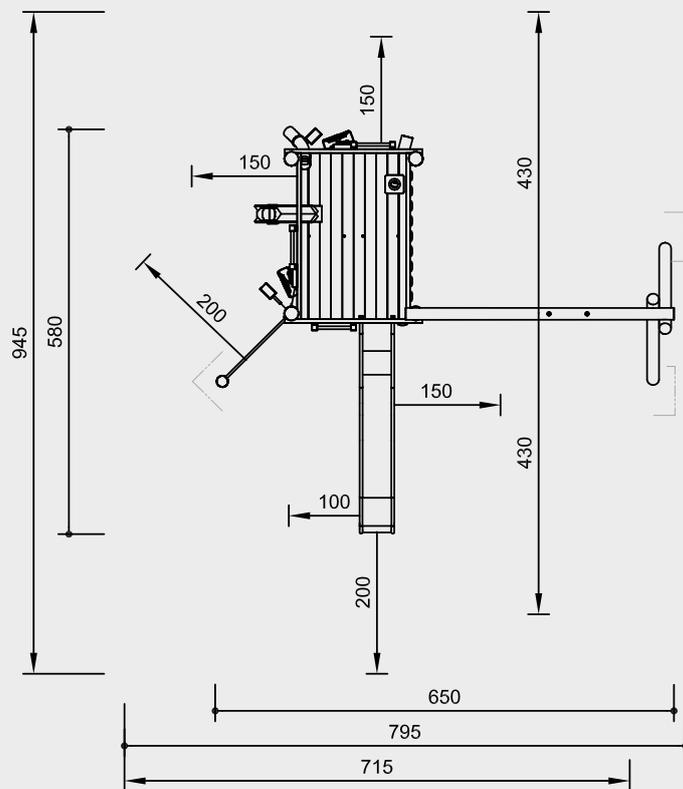
For more detailed explanation of the quality characteristics see price list.

**Order No. 5.02000 Building Site 02
with Inclined Climbing Net**



scale 1:100

**Order No. 5.03380 Building Site 0338
with Swing, Slide and Horizontal Bars**



scale 1:100

Materials - Add-on equipment

Climbing Nets

Corocord® rope special ropes of „Hercules“ type
six-strand Corocord® rope of the special „Hercules“ type, abrasion protected through heating of the six steel strands and melting the polyamide sleeve onto them



aluminium swages
double-conical aluminium swages with rounded-off ends



S-clamps
neatly rounded Corocord®S clamps made of stainless steel, Ø 8 mm



rope connection fixed
close fitting connection without dangerous openings



Inclined Climbing Net

core-free
sawn-timbers are boiler-pressure impregnated according to DIN 68800, hazards class 4, core-free, by that formation of cracks can be reduced



Vertical Climbing Net with Firemen's Pole de-barked

de-barked posts, Ø 18 - 21 cm, of spruce/fir, boiler pressure impregnated according to DIN 68800, hazards class 4



Firemen's Pole of stainless steel

Swing

de-barked
de-barked posts, Ø 15 - 18 cm, of spruce/fir, boiler pressure impregnated according to DIN 68800, hazards class 4



rubber seat
rubber seat with anatomically correct shape, strong profiled steel insert and soft shock absorbing edge



swing joint
drop-forged and hot-dip galvanised swing joint with bush with graphite sleeve for self-lubrication and integrated swivel



adjustable
no projecting threads after re-tightening due to two-piece bolt connection and therefore easy to maintain



strong fastening
bolt connections with milled metal rings for connections which are stressed cross-wise



brass bush
for all to and fro movements we use bush bearings which allow for self-lubrication while in use and which can be easily exchanged in case of need
Horizontal Bar of stainless steel, Ø 30 mm

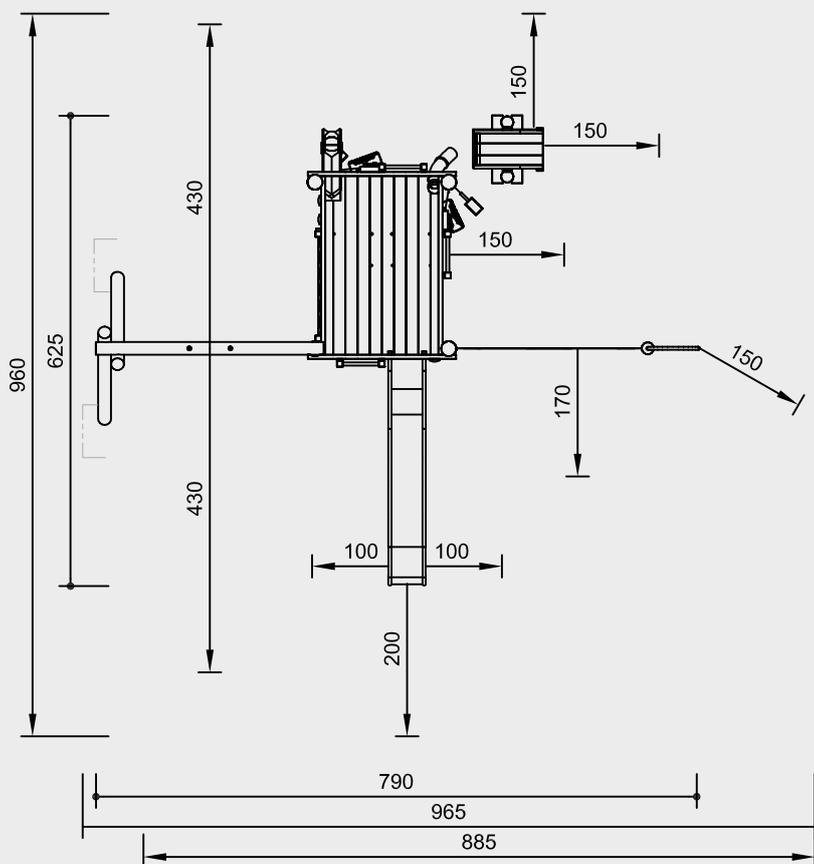


5.02000



5.03380

**Order No. 5.03000 Building Site 03
with Swing, Slide, Vertical Climbing Net
and Sand Tipper**



scale 1:100

Safety check according to EN 1176

Components

Order No. 5.02000 Building Site 02

- 1 Platform height 1.50 m, 3 Ladders
- 3 Sand Hoists with 3 Shovels
- 2 Sand Chutes
- 2 Sand Trays, 2 level, 1 Sand Wheel
- 1 Inclined Climbing Net

Attention:

Exact measurements may vary, for all installation dimensions refer to current installation instructions. Technical changes reserved.

Equipment also available with steel feet.



5.03000

Order No. 5.03000 Building Site 03

- 1 Platform height 1.50 m, with 3 walls, 2 benches, 1 table
- 3 Ladders
- 2 Sand Hoists with 2 Shovels
- 1 Sand Chute, bent
- 1 Sand Tray, 2 level, 1 Sand Wheel
- 1 Balustrades at the side of the swing
- 1 Vertical Climbing Net with Firemen's Pole
- 1 Single Swing complete with swing attachment and swing seat
- 1 Stainless Steel Slide, height 1.50 m with ground anchor
- 1 Sand Tipper

Order No. 5.03380 Building Site 0338

- 1 Platform height 1.50 m, 3 Ladders
- 2 Sand Hoists with 2 Shovels
- 2 Sand Chutes
- 1 Sand Tray, 2 level, 1 Sand Wheel
- 1 Balustrades at the side of the swing
- 1 Single Swing complete with swing attachment and swing seat
- 1 Horizontal Bar
- 1 Stainless Steel Slide, height 1.50 m with ground anchor

Dimensions

(small deviations possible)

Building Site, height	2.55 m
Platform, height	1.50 m
Platform Floor	1.60 x 2.50 m

Order No. 5.01000

length, overall	3.10 m
width, overall	2.75 m
weight approx.	700 kg

Order No. 5.01100

length, overall	2.90 m
width, overall	2.40 m
weight approx.	800 kg

Order No. 5.01400

length, overall	5.80 m
width, overall	2.40 m
weight approx.	700 kg

Order No. 5.01500

length, overall	5.80 m
width, overall	2.40 m
weight approx.	850 kg

Order No. 5.02000

length, overall	4.90 m
width, overall	2.75 m
Inclined Net	1.50 m x 2.50 m
weight approx.	700 kg

Order No. 5.03000

length, overall	6.25 m
width, overall	7.90 m
Vertical Net	1.75 x 2.50 m
Firemen's Pole	Ø 42 mm
weight approx.	1200 kg

Order No. 5.03300

length, overall	5.80 m
width, overall	5.75 m
Horizontal Bar	Ø 30 mm
weight approx.	900 kg

Installation Information

Surfacing requirements depending on the type corresponding to a fall height of ≤ 1.50 m (please refer to pricelist for more detailed information)

At least 40 cm of sand are required for a proper function.

Foundations

Building Site

4 items 60 x 60 x 40 cm, 70 cm deep (with steel feet 80 cm deep)

Slide

excavation depth for ground anchor 55 cm

Inclined Climbing Net

2 items 50 x 50 x 40 cm, 80 cm deep

Vertical Climbing Net

2 items 60 x 60 x 60 cm, 80 cm deep

Firemen's Pole

1 item 40 x 40 x 30 cm, 50 cm deep

Single Swing

2 items 60 x 70 x 60 cm, 80 cm deep

Horizontal Bar

1 item 60 x 60 x 50 cm, 70 cm deep

Sand Tipper

1 item 135 x 60 x 50 cm, 70 cm deep

Play value

Sand Transport Systems are part of a building site. Conveyor tracks, cranes, sand hoists and other elements, enable children to mimic work processes realistically. Insights are awakened through play. In combination with a Building Site the experience is deepened, creativity and co-operation are promoted.



Order No. 5.06200 Type II

Fundamental characteristics

- child proportions according to ergonomic requirements
- natural wooden surface which appeals to the senses
- high-quality design
- comprehensible technical details
- communication and cooperation are promoted
- incentive for playing: crane, travelling crabs, long tracks
- movement: physical effort, pushing

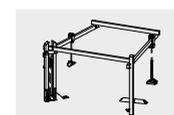
Suitable

- for children from 3 years
- for public playgrounds
- playgrounds situated near houses
- nurseries
- children's homes
- elementary schools

Planning Information

The single elements can be combined individually.

Sand Transport System for attachment

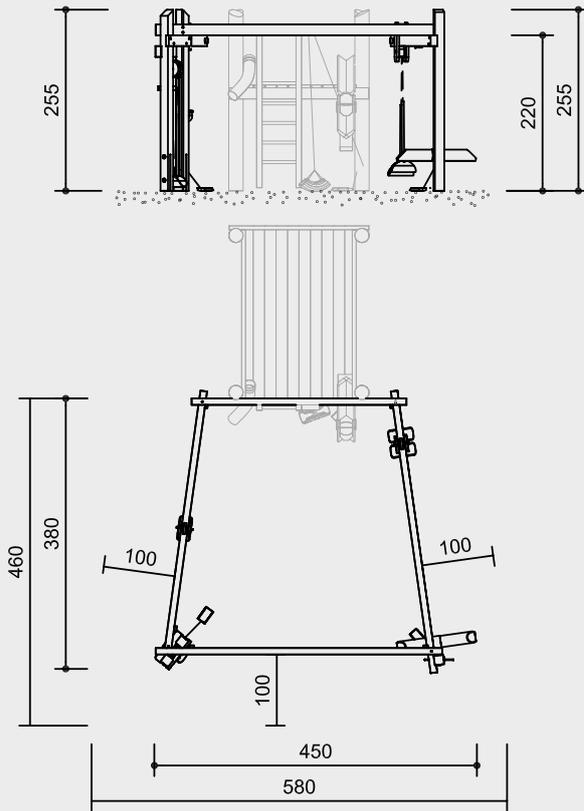


5.06100

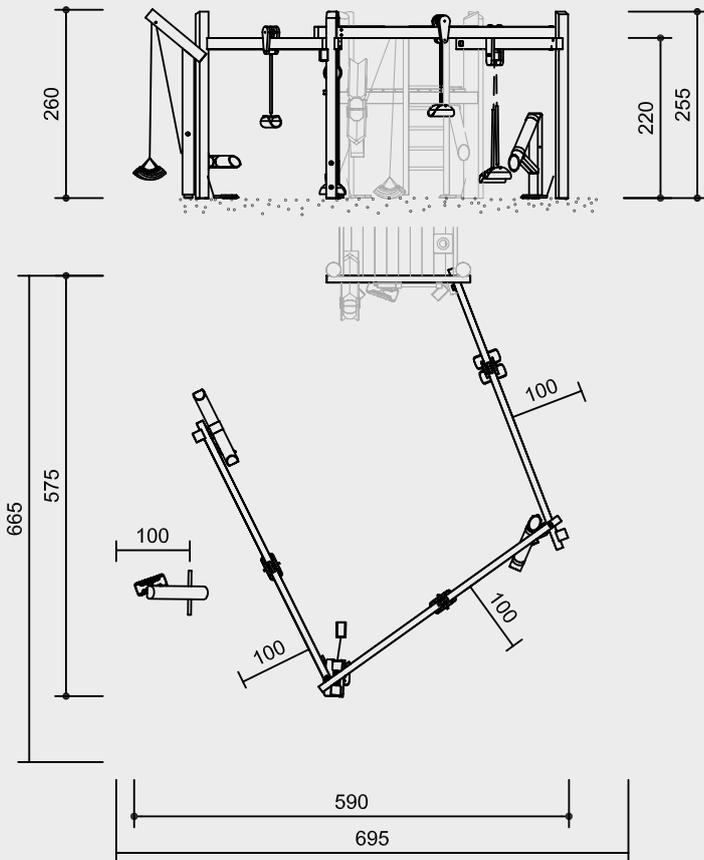


5.06200

Order No. 5.06100 Sand Transport System Type I



Order No. 5.06200 Sand Transport System Type II



scale 1:100

Safety check according to EN 1176



5.06100



5.06200

Attention:
Exact measurements may vary, for all installation dimensions refer to current installation instructions.
Technical changes reserved.

Technical information

Equipment of mountain larch, selected according to eight quality criteria, travelling crabs of oak

angle cut

vertical support posts with angle cut in the end grain section as constructive wood preservation



core-free

sawn-timbers core-free, by that formation of cracks can be reduced



ground anchor

steel feet hot-dip galvanised



chains

suspended on short-link chains, 5 mm, welded before hot-dip galvanisation (stainless steel chains available on request)



ball bearing

rollers with low-maintenance, easily replaceable ball bearings made of stainless steel



sand containers of milled-off tyres, suspended on hose sleeved chains

chutes of plastic

bearing of the chute with dampened impact

sand crane, revolving 350°, with maintenance free turning mechanism

Dimensions

(small deviations possible)

total height	2.55 m
height sand crane	2.60 m
length of conveyor tracks	4.00 m
length of connecting beam	3.00 m
chutes diameter	0.16 m x 1.10 m
weight Type approx.	250 kg
Type II approx.	350 kg

Components Type I and II

- 1 support frame with steel feet and sand hoist
- 1 middle support post with steel foot
- 3 conveyor tracks
- 1 connection to base equipment
- 1 travelling crab with double sand hoist
- 2 travelling crab with 1 sand container each
- 1 see-saw chute
- 2 shovels with chain
- in addition to Type II**
- 1 end support with steel foot
- 1 rotating beam with chute
- 1 turning crane with sand hoist and steel foot
- 1 shovel with chain

Installation information

no surfacing requirements (please refer to pricelist for more detailed information)

For a proper function at least 40 cm play sand are required.

Foundations

Order No. 5.06100

2 items 60 x 80 x 60 cm, 80 cm deep

Order No. 5.06200

3 items 60 x 80 x 60 cm, 80 cm deep

1 item 50 x 50 x 40 cm, 60 cm deep

1 item 60 x 60 x 60 cm, 80 cm deep

For more detailed explanation of the quality characteristics see price list.



Play value

The play possibilities of the Small Building Site contain operations similar to the working world of adults which can be copied. The technical design is attracting and motivating, the work processes encourage communication and cooperation.

Fundamental characteristics

- child proportions according to ergonomic requirements
- natural wooden surface which appeals to the senses
- attractive, clear design
- technical appearance
- play offers for several children
- encouraging cooperation
- incentive for playing: rollers with chains, sieve, shovels
- movement: physical effort

Suitable

- for children from 3 years
- for public playgrounds
- playgrounds near houses
- nurseries
- children's homes
- elementary schools
- leisure areas



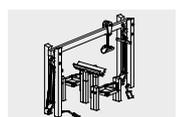
Fixing of the Transport Rail technically changed

Small Building Site

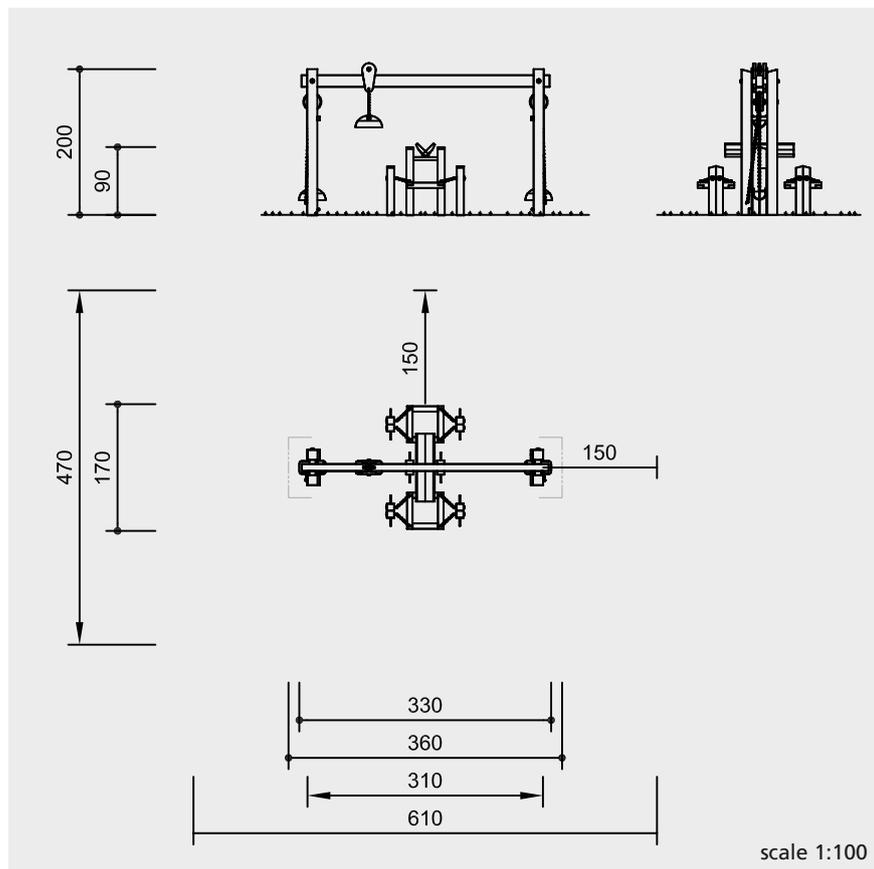


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Design P. Hannes



5.09300



Safety check according to EN 1176

Components

- 2 support frames with 1 hoist and 1 shovel each
- 1 transport rail with roller and sand container
- 1 sieving device with see-saw and 2 sieves

Installation information

Surfacing requirements corresponding to a fall height of < 0.60 m (please refer to introduction for more detailed information)

At least 40 cm play sand are required for playing.

Foundations

transport frame

2 items 60 x 80 x 50 cm

sand see saw

1 item 60 x 60 x 50 cm

sand sieves

4 items 40 x 50 x 50 cm

excavation depth each 70 cm

Attention:

Exact measurements may vary, for all installation dimensions refer to current installation instructions.

Technical changes reserved.

Support frames also available with steel feet (stand posts made of larch).

Technical information

core-free

sawn timbers are core-free, by that formation of cracks can be reduced; support posts of oak heartwood, horizontal beams and see-saw of mountain larch, selected according to eight quality criteria



concealed head

large surface for pressure distribution, prevents water from getting inside, protects the bolt head



adjustable

no projecting threads after re-tightening due to two-piece bolt connection and therefore easy to maintain



chains

suspended on short-link chains, 5 mm, welded before hot-dip galvanisation (stainless steel chains available on request)



ball bearing

wheels of sand hoist with low-maintenance, easily replaceable ball bearings made of stainless steel



sieves of stainless steel

sand container of rubber membranes

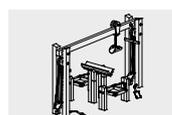
sand see-saw mounted on rubber torsion bushes

Dimensions

(small deviations possible)

height	2.00 m
height sand see-saw	0.90 m
overall width	3.30 m
overall depth	1.70 m
weight approx.	300 kg

For more detailed explanation of the quality characteristics see price list.



5.09300



Play value

Our system of wooden water gutters consists of 10 elements of different shapes and functions which can be combined to individual water play installations. The gutters have different movable shutters, are installed with inclination or horizontal. They allow for interesting water play activities which are particularly attractive for children. The gutters - some of them are as wide as tables - can be used for playing with mud and distributing water. If required, the elements can be supplied with longer posts and thus can be installed in different heights. By this it is possible to take into account special requirements, e.g. of wheelchair bound children. This system of water gutters can be combined with different water wheels and Archimedes Screws.



Fundamental characteristics

- child proportions according to ergonomic requirements
- use of natural wood which is appealing to the senses; the beautiful structure of the wood gets more and more visible by use
- incentive for playing: wood, sand, water
- movement: motor activities

Basic elements of wood for water playgrounds

Suitable

- for children from 3 years
- for all water play areas

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Design G. Beltzig



5.10100 - 5.15600



Integrative play

Playing with water is a favourite play offer for almost all children. Therefore, water play installations are very well suited for integrative play areas. The wooden water play elements with their easily comprehensible damming and distribution devices and the wide tables are an harmonious offer for children with different needs. The wooden gutters and tables can be installed in a way that also wheelchair bound children can play with them. Thus children with different abilities can play together. The overall planning should take into consideration the special surface requirements for wheelchair users.



5.10100 - 5.15600

Water

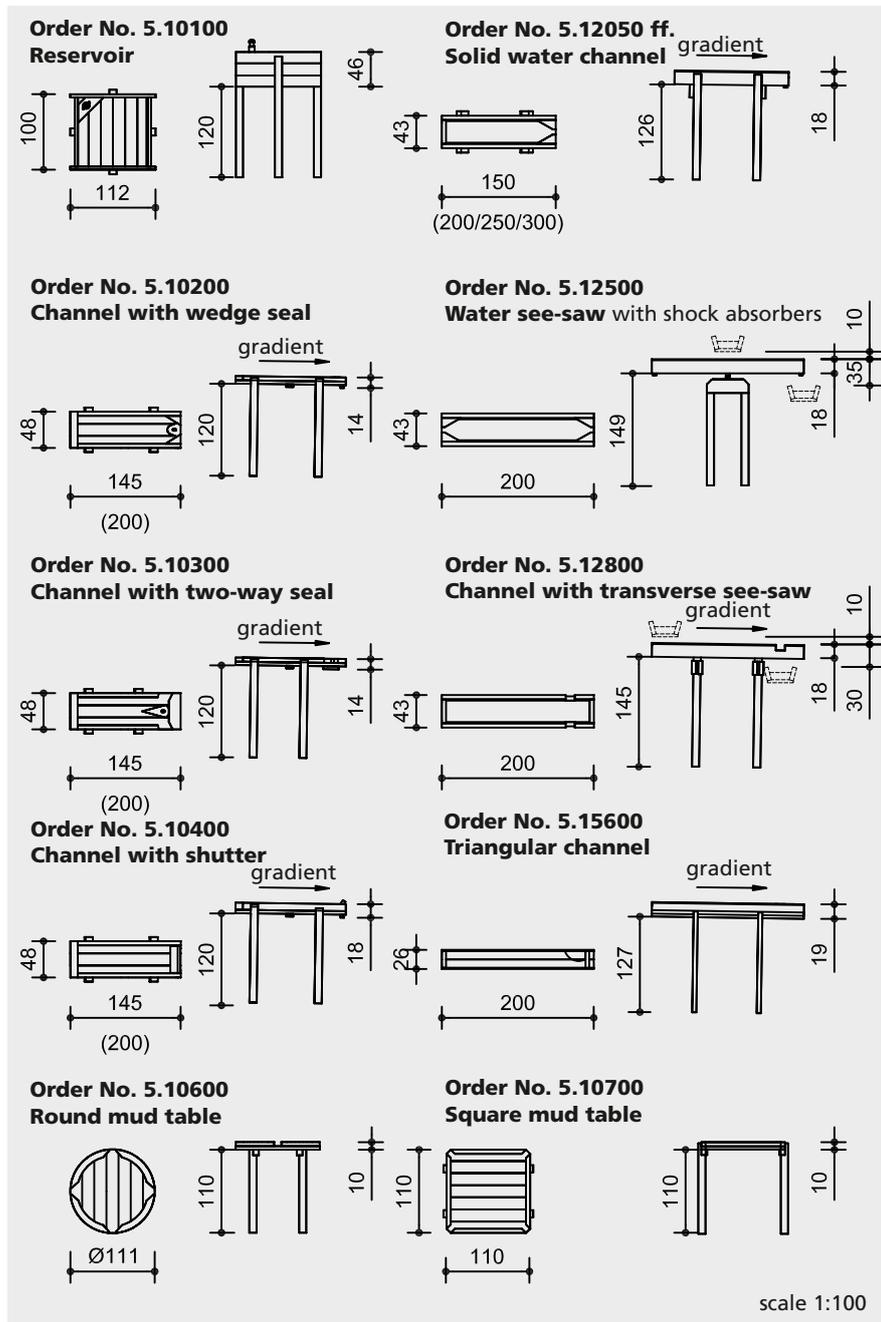
The play value of water play equipment is invaluable. Contact with the elements is part of the child's complete development. Feeling water, letting water flow, diverting it, damming it, letting it trickle away, and experiencing water power is all part of early experience. This all contributes to fun experiences and is a further step towards mastering the child's environment.



**Basic elements of wood
for water playgrounds**



5.10100 - 5.15600



Safety check according to EN 1176

Components

1 element
 with the corresponding number of support posts each

Installation information

Surfacing requirements
 no fall height according to standard, staircase-like constructions may make necessary an examination of the fall height;

Recommendation: sand with drainage or paving stone with gully; for playing with „mud“, sand is required.

Required space according to overall installation.

Foundations according to overall installation, excavation depth 70 cm each.

Attention:
Exact measurements may vary, for all installation dimensions refer to current installation instructions.
 Technical changes reserved.
Equipment also available with steel feet (standposts made of larch).



5.10100 - 5.15600

Technical information

core-free
 equipment of mountain larch, selected according to eight quality criteria, core-free, by that formation of cracks can be reduced



tongue and groove
 all surfaces of 40 mm tongue and groove boarding, except solid channels; in water-conducting elements, the boards are additionally sealed



support posts made of oak heartwood 10/10 cm

Solid channels
Order No. 5.12050, 5.12500, 5.12800
 floor plates 10/30 cm

Dimensions
 (small deviations possible)

see sketches
 weight approx. 40 - 90 kg

Planning information

Equipment marked with a pointing arrow needs to be installed with a gradient of approx. 2% (= 2 cm on 1 m). This means that for planning not only the height of the equipment but also the gradient needs to be taken into consideration.

The lengths of the support posts must be checked for the planned installation heights. The required lengths of the support posts need to be calculated by the customer taking into consideration the installation depth (depending on the surface) and the intended height (above ground). Longer support posts can be supplied on request.

If several elements are installed in a line, this might make necessary a corresponding modelling of the ground.

For more detailed explanation of the quality characteristics see price list

Water and mud

Playing with mud, shaping and building with sand, earth and water is a fundamental human requirement, which even adults find difficult to suppress sometimes. With different types of water play equipment, children can gain insights into different functions and learn physical laws while playing. Troughs, water see-saws and mud tables ensure intense mud play which children often participate in together.



Basic elements of wood for water playgrounds

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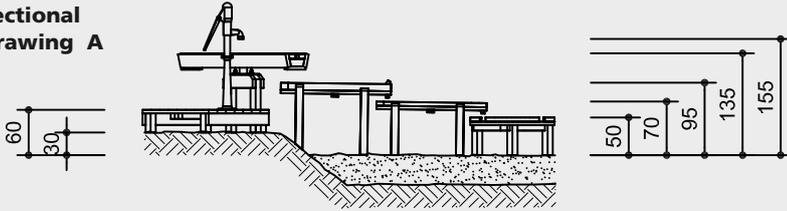
Design G. Beltzig



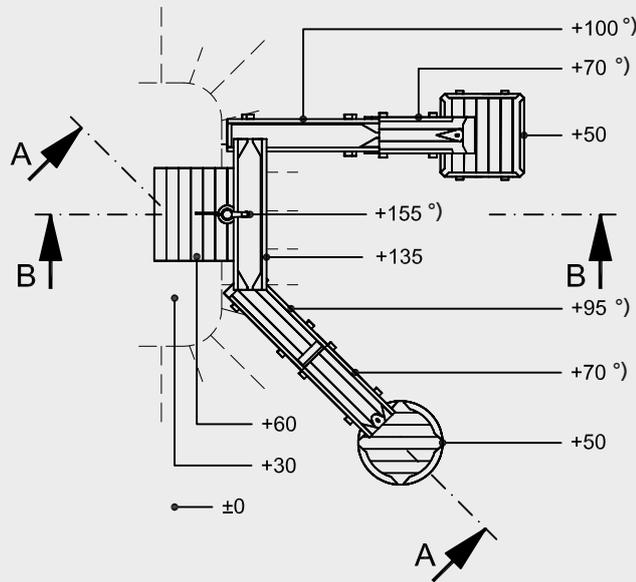
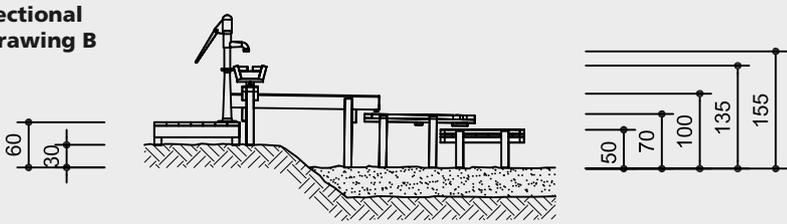
5.10100 - 5.15600

Planning Example

sectional drawing A



sectional drawing B



scale 1:100

In this planning example extended posts (surcharge) are required for the gutters marked with °). The hill can also be formed afterwards.

Order No. 5.10100
is usually allocated to pump, with bung for sealing;
height difference 50 cm *



Order No. 5.10200
can be used as water play table;
height difference 17 cm *



Order No. 5.10300
can be used as water play table and as distributor channel;
height difference 17 cm *



Order No. 5.10400
can be used as water play table;
height difference 21 cm *



Order No. 5.10600
is mostly used as final element of a water way, 4 outlets;
height difference 18 cm *



Order No. 5.10700
is mostly used as final element of a water way, 4 outlets;
height difference 18 cm *



Order No. 5.12050
basic element of this equipment group available up to 3 m length;
height difference 25 to 28 cm *



Order No. 5.12500
two-way distributor with sturdy, buffered mechanism which also withstands see-sawing of children;
height difference 65 cm * to bottom, 15 cm * to top (see side view)



Order No. 5.12800
transverse distributor on rubber buffers;
height difference 30 cm * to bottom, 10 cm * to top (see side view)



Order No. 5.15600
standard length 2.00 m, but can also be delivered shorter;
height difference 24 cm *



*** The minimum height difference is the required distance between one element to the next. For see-saws the indicated measurements need to be kept to.**



5.10100 - 5.15600



Pedestal for Pump Order No. 5.14190



Play value

The Water Flooders remind one of water spouts and gullies. Due to their deep form, they hold a large quantity of water. When a child pumps energetically, swell, flood and the fast flowing of water can all be experienced.

Fundamental characteristics

- design with technical appearance
- incentive for playing: deep form
- movement: motor activities, physical effort

Suitable

- for children from 3 years
- for all water play areas



Water Play Elements of Metal

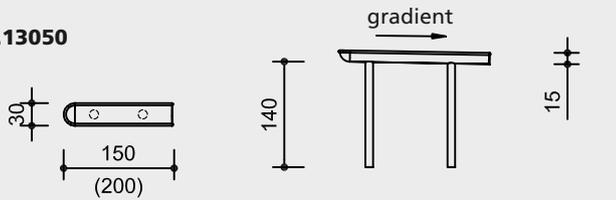


5.13000 - 5.14800

Order No. 5.13000/5.13050

Water Flooder

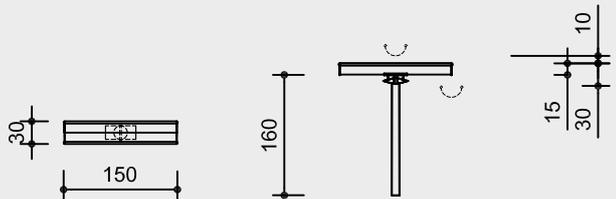
height difference
minimum 24 cm *



Order No. 5.13500

See-saw Flooder

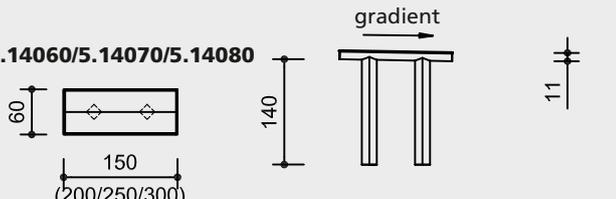
height difference
downwards
minimum 30 cm *
upwards
minimum 10 cm *



Order No. 5.14050/5.14060/5.14070/5.14080

Water Trays

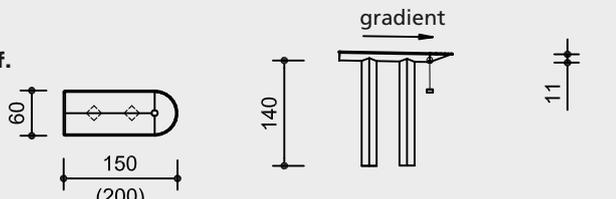
height difference
minimum
14 - 16 cm *



Order No. 5.14200 ff.

**Water Tray with
Ball Shutter**

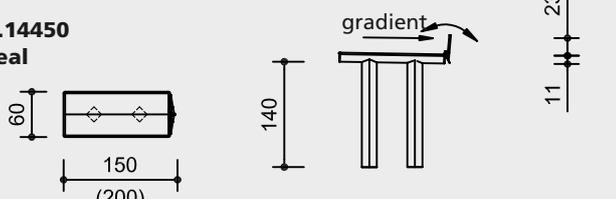
height difference
minimum 14 cm *



Order No. 5.14400/5.14450

**Water Tray with 1 Seal
5.14403/5.14453
with 2 Seals**

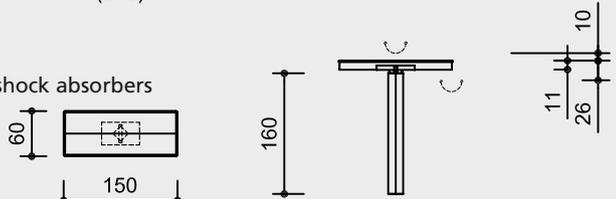
height difference
minimum 14 cm *



Order No. 5.14520

See-saw Basin with shock absorbers

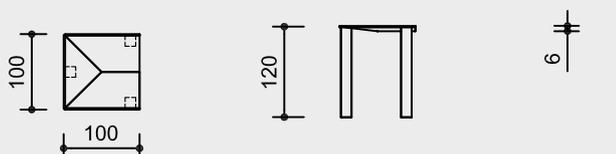
height difference
downwards
minimum 26 cm *
upwards
minimum 10 cm *



Order No. 5.14700

Mud Trough

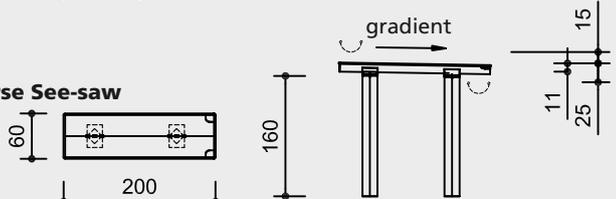
height difference
minimum 6 cm *



Order No. 5.14800

Basin with Transverse See-saw

height difference
downwards
minimum 25 cm *
upwards
minimum 15 cm *



scale 1:100

Technical information

Equipment of stainless steel metal sheet, thickness 2 mm, with grip-friendly rim

brass bush

see-saw elements mounted on brass bushes, with rubber buffers; for all to and fro movements we use bush bearings which allow for self-lubrication while in use and which can be easily exchanged in case of need



shutters:

for Order No. 5.14200

polyamide ball, diameter 80 mm,

for Order No. 5.14400

shutter with rubber seal, shuts by the weight of the handle

Dimensions

(small deviations possible)

Order No. 5.13000, length 1.50 m

Order No. 5.13050, length 2.00 m

Order No. 5.13500, length 1.50 m

support posts Ø 100 mm;
weight approx. 41 - 46 kg

Order No. 5.14050/5.14060/5.14070

length 1.50 m/2.00 m/2.50 m

support posts 120 x 120 mm;

weight approx. 46 - 64 kg

Order No. 5.14200/5.14400/5.14520

length each 1.50 m

support posts 120 x 120 mm;

weight approx. 35 - 56 kg

Order No. 5.14700

exterior dimensions 1.00 x 1.00 m

support posts 120 x 120 mm;

weight approx. 51 kg

Order No. 5.14800

length 2.00 m

support posts 120 x 120 mm;

weight approx. 58 kg

Components

1 water play element

including the corresponding number of support posts for putting on

Planning information

Equipment marked with a pointing arrow needs to be installed with a gradient of approx. 2% (= 2 cm on 1 m).

This gradient is provided for if the support posts are installed vertically.

This means that for planning not only the height of the equipment but also the gradient needs to be taken into consideration.

*** The minimum height difference is the required distance from one element to the next one. For see-saw equipment the indicated measurements need to be kept to for a proper function.**

Safety check according to EN 1176



5.13000 - 5.14800

For more detailed explanation of the quality characteristics see price list.



Water Trays

This nicely shaped water play system made from stainless steel can be designed in many versions using different elements which can be assembled in relation to their location. Similar to our wooden water play installations, there are also available static and mobile water trays, as well as various flaps and water dishes.

Fundamental characteristics

- high-quality design
- incentive for playing: wide trays, sparkling light, shutter
- movement: motor activities, physical effort

Suitable

- for children from 3 years
- for all water play areas



Water Play Elements of Metal



5.13000 - 5.14800



Design

The water dishes are particularly suited to link bank zones and water areas so that the qualities of both areas become useable as a whole. The gently shaped flat dishes can be installed so that they nearly lie on top of the water. Reflections of images and sparkling light on both the metal and water interact make an inviting play offer to children. Water Trays and Water Flooders can be combined.



Water Play Elements of Metal

Installation information

Surfacing requirements
no fall height according to standard;
staircase-like constructions may make an examination of the fall height necessary

Recommendation: An ideal installation situation is in a sand surface with drainage and a corresponding landscape design. For installations on paving stone or similar with gully, it should be checked whether a sand separator is required.

Required space and foundations
according to overall installation.

Foundation according to overall installation,
depth 70 cm each

Attention:
Exact measurements may vary, for all installation dimensions refer to current installation instructions.
Technical changes reserved.
For use in chlorine water the equipment is also available with a special steel alloy.



5.13000 - 5.14800

Play value

When water is required for playing, a stream normally is the most beautiful source. However, it is very rare to find this natural possibility within a play area. Nevertheless, one does not want to do without running water - even if it only comes from a tap. However, much more attractive is a water pump with swiipe where the pump operation is part of the play value. Such an old-fashioned pump reminds one of a farm, a fairytale or an old market square. Therefore, it is not only an item for water supply, but also triggers role-play activities.

Fundamental characteristics

- very sturdy construction
- special design
- incentive for playing: pump swiipe
- movement: physical effort

Suitable

- for children from 3 years
- for all water play areas



Order No. 5.17500 Playground Pump



Order No. 5.17500 Playground Pump
Order No. 5.19000 Pump Pedestal made of wood



Order No. 5.17630 Playground Pump
for direct connection to the pressure line

**Playground Pumps
Pump Pedestals
Foundation Anchor**



5.14190



5.17500



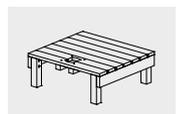
5.17630



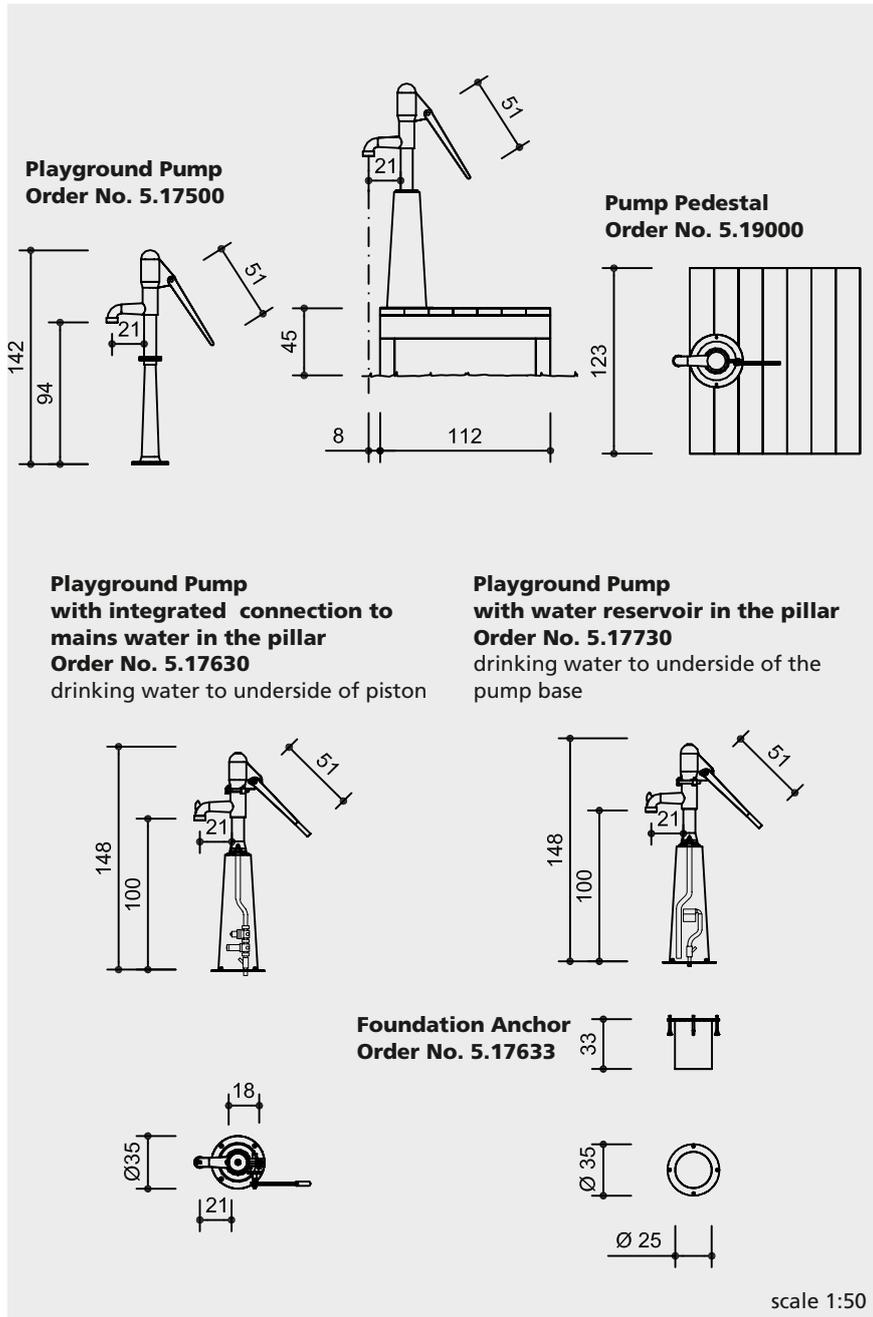
5.17730



5.17633



5.19000



Technical information

Order No. 5.17500 Playground Pump
closed piston suction pump; all parts made from hot-dip galvanised grey cast iron; cylinder housing, air dome cap, mounting plate, forked lever, plunging valve, gland flange and connecting rod are hot-dip galvanised; cylinder with a liner made of brass alloy and plastic piston (POM); drive shaft made of stainless steel, with replaceable bearing made of brass alloy, additionally held fixed with the gland flange using the shaft recess; secured against being extracted by means of a recess; newly developed drive shaft bearing made of brass alloy which can be lubricated by means of lubricating nipples; pump capacity: bore 75 mm, pump lift 170 mm, approx. 0.75 litres/lift

Order No. 5.17630
Pump as before; the valve combination for direct connection to mains water is integrated in the galvanised pillar; thread 1"; min. 2.5 bar water pressure

Order No. 5.17730
Pump as before; the water reservoir with float valve is integrated in the galvanised pillar; min. 2.5 bar water pressure; 1/2" thread

Order No. 5.19000 Pump Pedestal

core-free
equipment of mountain larch, selected according to eight quality criteria, core-free, by that formation of cracks can be reduced



Order No. 5.17633 Foundation Anchor
for Order No. 5.17630 and 5.17730

foundation anchor of galvanised steel

Order No. 5.14190 Pump Pedestal

made of stainless steel

Dimensions

(small deviations possible)
Order No. 5.17500/5.17630/5.17730
 equipment height 1.42/1.48 m
 width with horizontal pump swipe 0.95 m
 weight approx. 40/50 kg
Order No. 5.17633 Foundation Anchor
 height 0.33 m
 diameter 0.35 m
 weight approx. 7.5 kg
Order No. 5.19000 Pump Pedestal
 width 1.23 m
 depth 1.12 m
 max. height 0.45 m
 weight approx. 80 kg
Order No. 5.14190 Pump Pedestal
 width 1.00 m
 depth 1.00 m
 max. height 0.45 m
 weight approx. 65 kg

Safety check according to EN 1176

Components

Order No. 5.17500
1 playground pump

Pumps for direct connection to mains water: No underground well required for function. German registered design No. 202005009318.1.

Order No. 5.17630
1 Playground Pump with integrated connection to mains water in the pillar
Order No. 5.17730
1 Playground Pump with water reservoir in the pillar

Order No. 5.17633
1 Foundation Anchor for Pumps

Installation information

Surfacing requirements corresponding to a fall height of < 0,60 m (please refer to pricelist for more detailed information)

Foundations
 4 items 50 x 50 x 50 cm
 excavation depth 70 cm

Attention:
Exact measurements may vary, for all installation dimensions refer to current installation instructions.
 Technical changes reserved.
Order No. 5.17630 also available with programmable rinsing (Order No. 5.17640).



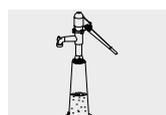
5.14190



5.17500



5.17630



5.17730



5.17633



5.19000

For more detailed explanation of the quality characteristics see price list.

Play value

Flowing water ignites a child's world of fantasy in a whole range of ways. Direct contact with the wet element inspires the young spirit to ceaselessly explore and seek out as-yet-undiscovered secrets. By repeatedly touching a button, the device fills with water bit by bit, and, with a simple movement of the lever, can be channelled into the sloping level. There the water is transformed by flexible, projecting obstacles into an eddying flow before it collects in the attached shallow water basin.



Overflow installations prevent flooding of the immediate area. Two steel channels at the end of the basin make sure that the dammed water flows off in a targeted way.

Mobile Water Playground

Fundamental characteristics

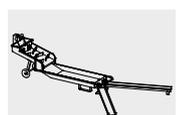
- mobile installation thanks to the "wheelbarrow" design
- simple plug-in connection with garden hose
- motivates group organisation
- exercise activity: fine motor skills

Suitable

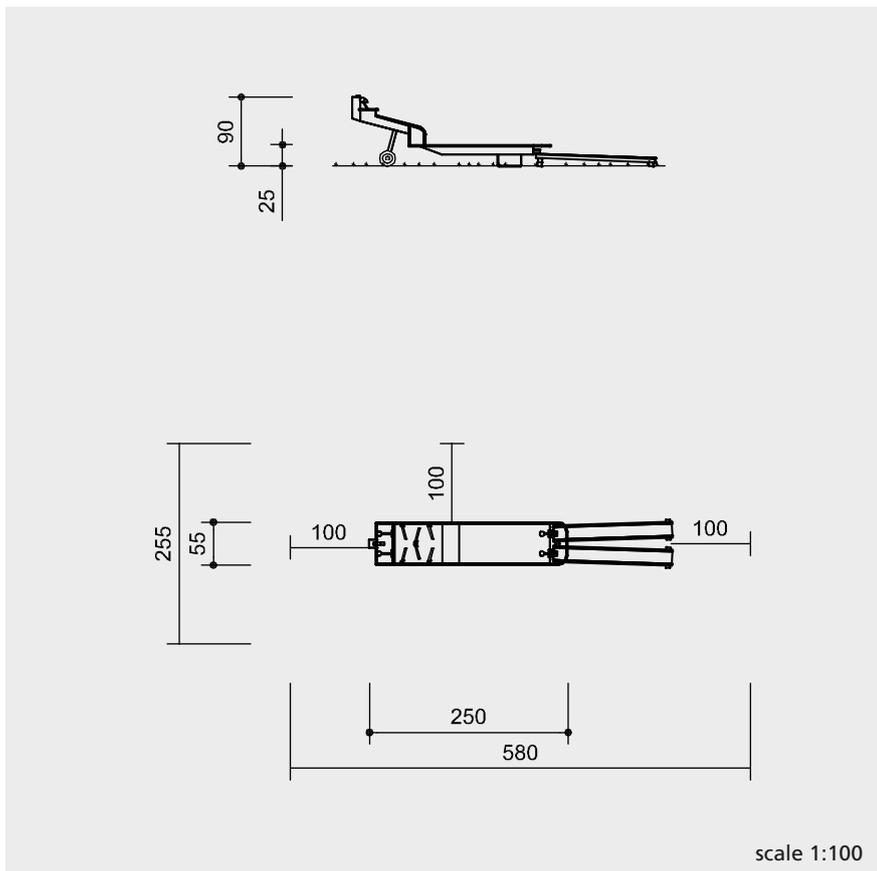
- for children from 2 years
- for kindergartens
- children's day care centres
- supervised water play areas

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Design G. Beltzig



5.21800



Safety check according to EN 1176

Technical information

entire equipment made of stainless steel

rubber-tyred wheels

flow obstacles made of rubber flaps

Dimensions

(small deviations possible)

main equipment

height 0.90 m

length 2.50 m

width 0.55 m

gutter length 1.50 m

weight approx. 90 kg

Components

1 mobile water playground
with 2 water outlet gutters

Installation information

Surfacing requirements
turf, topsoil, paving or similar
with adequate drainage for water

The water playground is not stationary
equipment and does not require
foundations.

It can be connected to a commercially
available garden hose on site.

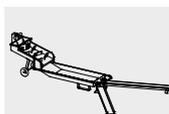
The water outlet gutters are not fixed
permanently to the main equipment.
They can be run in parallel or at any
desired angle.

Attention!

**Exact measurements may vary, for
all installation dimensions refer to
current installation instructions.**

We reserve the right to make technical
alterations!

For usage with chlorinated water, the
equipment is available made of V4A
steel.



5.21800

Play value

While playing, children imitate, with intensity, work operations belonging to the adult world. Our Excavators offer the possibility of real life experiences, in particular when water is nearby. When the earth around the excavator has been removed, the Small Excavator without foundation can be repositioned with the help of two adults. In public areas the Small Excavator can be fixed in the ground with the delivered chain. For the Large Excavator the radius of action can be changed by children during play.



Order No. 5.32000 Small Excavator



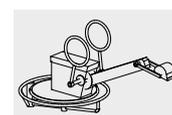
Fundamental characteristics

- child proportions according to ergonomic requirements
- technical appearance
- effective technical details:
 - the arm of both excavators has a counter-weight so that also smaller children can move the load with their power;
 - the Large Excavator can be turned around his middle axis;
 - adjustable jib range;
 - parking break in the seat which unlocks with use
- improves body coordination
- incentive for playing: lever arm, shovel
- movement: physical effort

Large Excavator
Small Excavator

Suitable

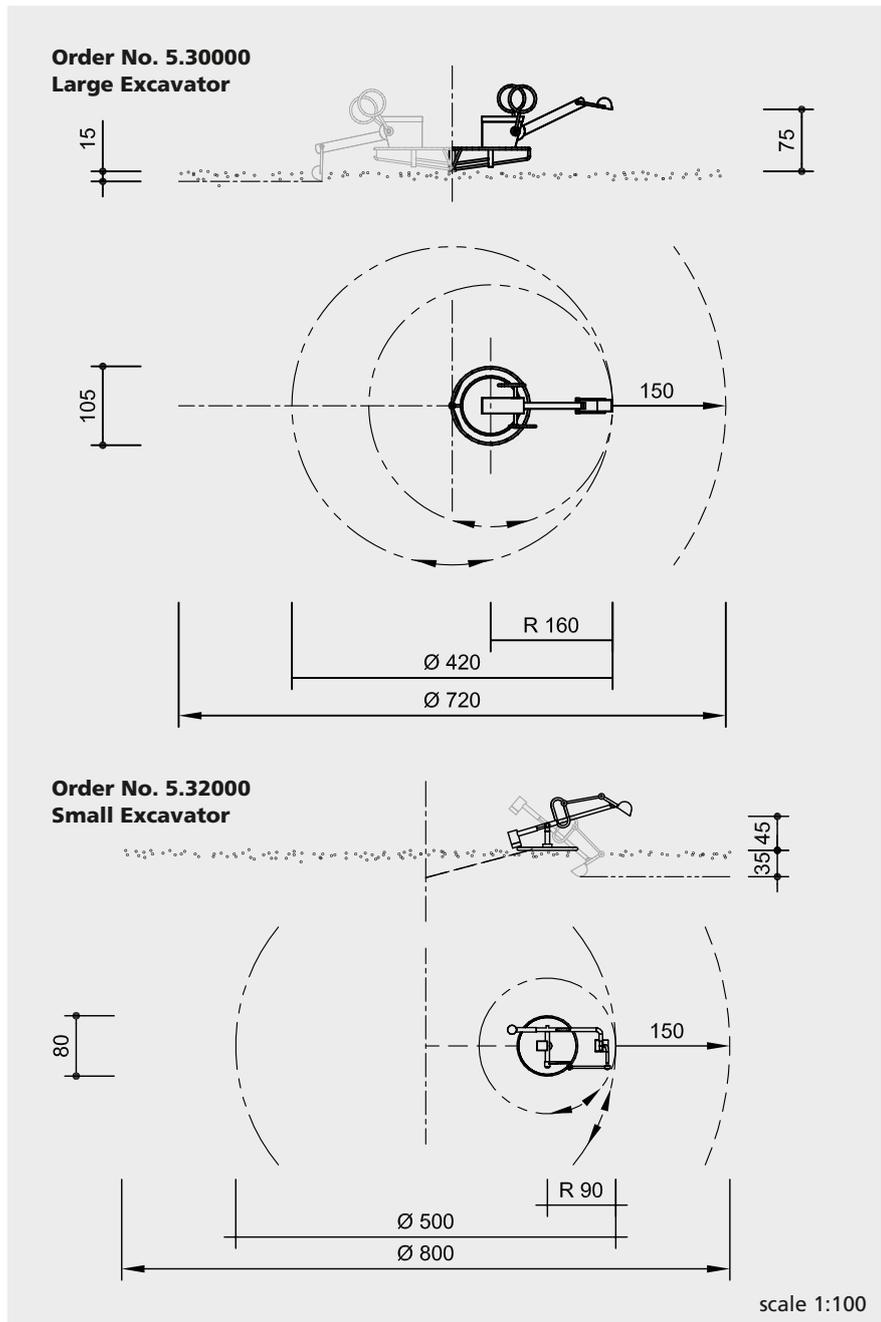
- for children from 4 years
- for public playgrounds
- nurseries
- children's homes
- elementary schools



5.30000



5.32000



Safety check according to EN 1176

Components

Order No. 5.30000 Large Excavator

1 Large Excavator complete
1 foundation frame

Order No. 5.32000 Small Excavator

1 Small Excavator complete
with hot-dip galvanised foundation
chain and anchor iron

Installation information

Surfacing requirements

Order No. 5.30000 Large Excavator

corresponding to a fall height of 0.75 m

Order No. 5.32000 Small Excavator

corresponding to a fall height of < 0,60 m

(please refer to price list for more
detailed information)

sand surface is necessary

Foundations

Order No. 5.30000 Large Excavator

1 item 60 x 60 x 50 cm

excavation depth 90 cm

Order No. 5.32000 Small Excavator

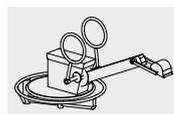
1 item 40 x 40 x 40 cm

excavation depth 80 cm

Attention:

**Exact measurements may vary, for
all installation dimensions refer to
current installation instructions.**

Technical changes reserved.



5.30000



5.32000

Technical information

Order No. 5.30000 Large Excavator

All construction parts of hot-dip
galvanised steel profiles

brass bush

for all to and fro movements we use
bush bearings which allow for self-
lubrication while in use and which can
be easily exchanged in case of need



seat of waterproof plywood 27 mm,
with non-slip coating

parking break unlocks with use

Order No. 5.32000 Small Excavator

All construction parts of hot-dip
galvanised steel profiles

brass bush

for all to and fro movements we use
bush bearings which allow for self-
lubrication while in use and which can
be easily exchanged in case of need



chain

short-link chain, 6 mm, welded before
hot-dip galvanisation (stainless steel
chains available on request)



seat of waterproof plywood 27 mm,
with non-slip coating

Dimensions

(small deviations possible)

**Order No. 5.30000
Large Excavator**

reach diameter	3.20 m
with eccentric movement	4.20 m
weight approx.	250 kg

**Order No. 5.32000
Small Excavator**

reach diameter	1.80 m
weight approx.	65 kg

For more detailed explanation of the
quality characteristics see price list.



Movement Fun

Swinging fun

Swinging only becomes fun if you know how to do it, observes a playground supervisor over a period of several days. An approximately 3 year old boy comes crawling through the hedge from the neighbouring property one morning and heads determinately towards a low hanging swing. He sits on it, wiggles his legs to and fro, lifts up his legs, nothing! After a while and with a serious face he slides off the seat and disappears again through the hedge. He repeats this several times until, with all the wriggling about, the boy falls off backwards and lands in the sand. He lets loose all his frustration with loud shouts. But the next day the little boy appears again and the whole thing starts again from the beginning. He sits energetically on the swing which causes it to slowly begin to swing. His hands grip hard on the chain and he leans way back, the legs lift upwards. By moving his body the swing begins to swing strongly and all of a sudden he masters the movement. He swings and starts to sing.

Climbing, swinging and sliding are experiences that small children particularly like to have. Alongside the fun aspect it is all about skill and continuously testing their own capabilities. "Look at how high I am", or e.g. the loud singing on the swing signals to the audience the success of their own physical effort. Not every course of movement is self-evident but has to be worked towards through learning to coordinate various bodily activities. Adults should refrain from getting involved for as long as possible as the child learns on his own accord. All independent experiences with the environmental are very valuable for development.

Play value

Whoever first discovers the ship can storm it and take over one of the two seats. But you can only really set sail if the seat opposite you is occupied. Then all activities become concentrated on bringing about a to-and-fro movement. The pliability of the big tyre allows wave-like movements in all directions. The children are able to clearly perceive the interaction of cooperative exertion of force on the intensity of the tilt. In order not to slide out of the seat, the children spontaneously grasp onto the side walls of the ship. Passengers are welcome to increase the collective experience.



Fundamental characteristics

- appealing design through the inclined surface elements
- role-play games
- exercise activity:
 - keeping an upright seating position
 - training for the safety reflex
 - overcoming differences in height

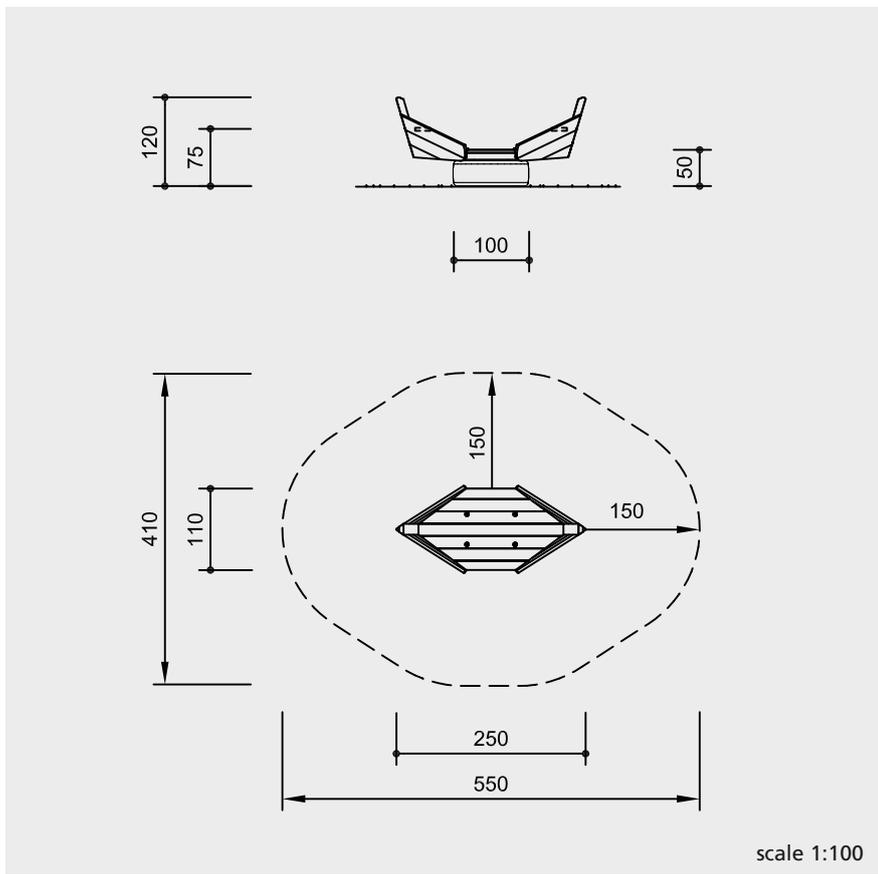
Suitable

- for children from 4 years
- for public playgrounds
- kindergartens/after-school programmes
- camping sites



Rocking Ship





Safety check according to EN 1176

Components

- 1 ship
- 1 rubber tyre
- 1 pedestal pipe filled with concrete

Installation information

Surfacing requirements corresponding to a fall height of < 1.00 m (please refer to price list for more detailed information)

Foundations
 1 item Ø 120 cm
 excavation depth 60 cm

Attention!
Exact measurements may vary, for all installation dimensions refer to current installation instructions.
 We reserve the right to make technical alterations!

Technical information

equipment of mountain larch, selected according to eight quality criteria

core-free timber
 sawn timbers are core-free, by that formation of cracks can be reduced



tongue and groove
 side walls and floor made of 40 mm tongue and groove boarding



rubber tyre as support

pedestal pipe filled with concrete

Dimensions
 (small deviations possible)

total height	1.20 m
seat height	0.75 m
floor height	0.50 m
length	2.60 m
width	1.10 m
pedestal pipe	
filled with concrete	Ø 1.00 m
height	0.50 m
weight approx.	1250 kg

For more detailed explanation of the quality characteristics see price list.



6.08000



Order No. 6.12100 with adjustable horizontal bar



Play value

A playground is not complete without a swing. Children need the possibility of swinging during their development. Swinging to and fro is a basic movement and is fun not only for children. Swinging has a comforting effect, removes tensions and provides pleasure. Our Toddler's Swing has a textile belt-seat; it can be equipped with striped posts on request.

Fundamental characteristics

- child proportions according to ergonomic requirements
- seats with anatomically correct shape
- can be combined with horizontal bar
- movement: swinging, doing exercise

Suitable

- for children from 2 years, with horizontal bar from 3 years
- for playgrounds near houses, nurseries, children's homes, public playgrounds

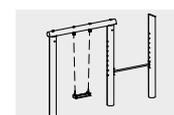


colours can be added according to customer's wishes at additional costs

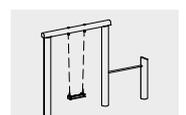
**Toddler's Swing
Swing with adjustable horizontal bar
Swing with fixed horizontal bar**



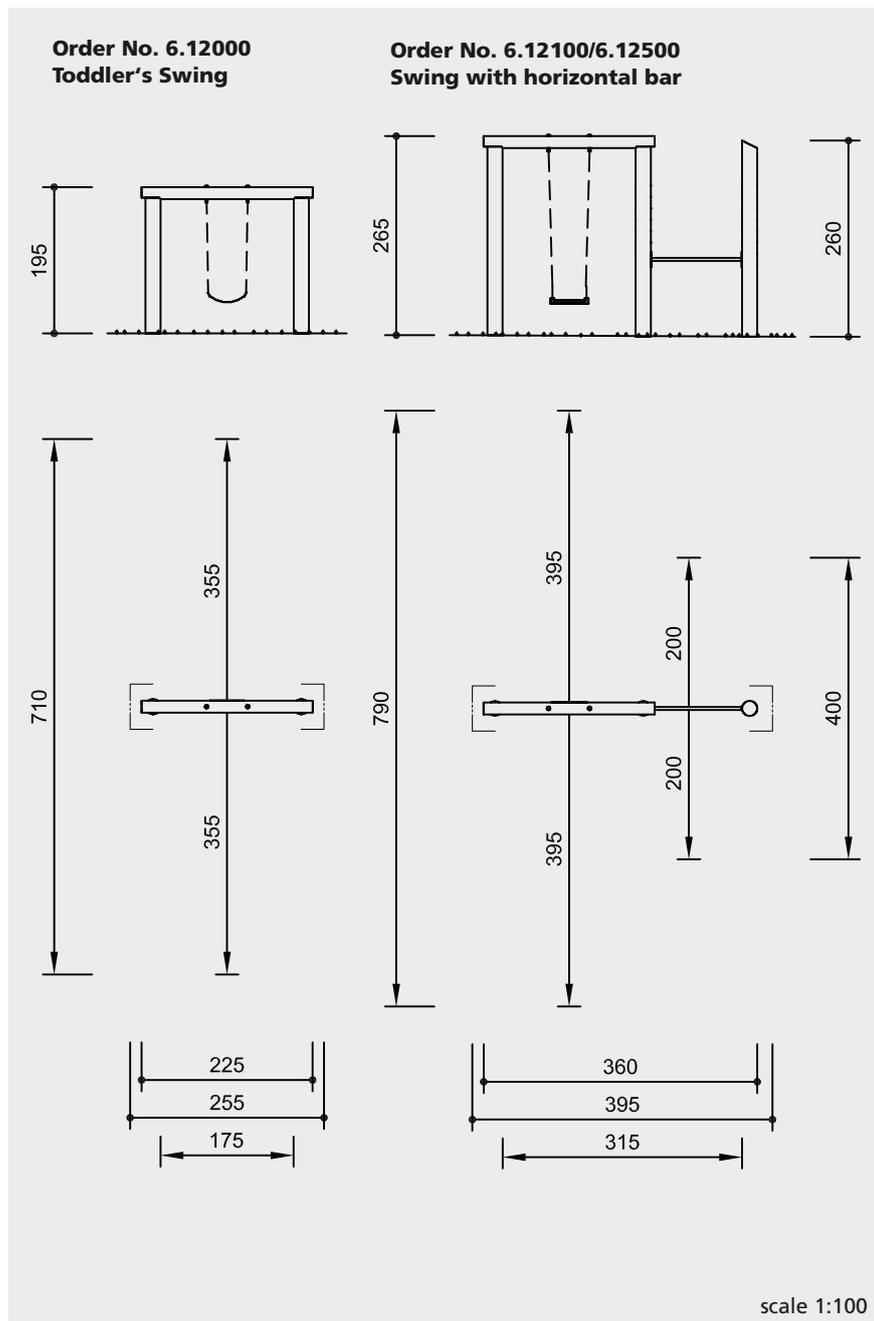
6.12000



6.12100



6.12500



Safety check according to EN 1176

Components

Order No. 6.12000 Toddler's Swing

- 1 swing frame
- 1 textile seat with chains

Order No. 6.12100/6.12500 Swing with horizontal bar

- 1 swing frame
- 1 rubber seat with chains
- 1 additional vertical post with pre-drilled holes for horizontal bar
- 1 horizontal bar of stainless steel

Attention:

Exact measurements may vary, for all installation dimensions refer to current installation instructions.

Technical changes reserved.

Equipment also available with steel feet.

Installation information

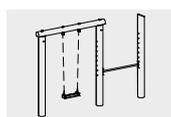
Surface corresponding to a fall height of
Order No. 6.12000 1.00 m
Order No. 6.12100 1.90 m (bar)
Order No. 6.12500 1.50 m
 (please refer to price list for more detailed information)

Foundations

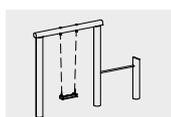
- Order No. 6.12000**
2 items 60 x 60 x 50 cm
excavation depth 70 cm
- Order No. 6.12100/6.12500**
3 items 80 x 80 x 60 cm
excavation depth 80 cm



6.12000



6.12100



6.12500

Technical information

Order No. 6.12000 Toddler's Swing

de-barked

de-barked posts, Ø 15 - 18 cm, of spruce/fir, boiler pressure impregnated according to DIN 68800, hazards class 4



perforated

the earth/air zone of the wood is perforated by small bore holes to ensure that the impregnating agent penetrates this particularly endangered zone



swing joint

drop-forged and hot-dip galvanised swing joint with bush with graphite sleeve for self-lubrication and integrated swivel



concealed head

large surface for pressure distribution, prevents water from getting inside, protects the bolt head



adjustable

no projecting threads after re-tightening due to two-piece bolt connection and therefore easy to maintain



strong fastening

bolt connections with milled metal rings for connections which are stressed cross-wise



end grain connectors

special adjustable fittings for connecting horizontal timbers to standing timbers



brass bush

for all to and fro movements we use bush bearings which allow for self-lubrication while in use and which can be easily exchanged in case of need



chains

suspended on short-link chains, 6 mm, welded before hot-dip galvanisation (stainless steel chains available on request)



swing seat of wide textile tread

Order No. 6.12100/6.12500 Swing with horizontal bar

Description of materials as before, but posts Ø 18 - 21 cm

rubber seat

rubber seat with anatomically correct shape, strong profiled steel insert and soft shock absorbing edge



horizontal bar of stainless steel, Ø 30 mm, length 1.20 m, height adjustable from 1.00 to 1.90 m, height of not adjustable bar 1.23 m

Dimensions

(small deviations possible)

Order No. 6.12000 Toddler's Swing
 equipment height 1.95 m
 width 2.25 m
 weight approx. 100 kg

Order No. 6.12100/6.12500 Swing with horizontal bar
 equipment height 2.65 m
 width 3.60 m
 weight approx. 195/190 kg

For more detailed explanation of the quality characteristics see price list.

Function and Play value

For giving the Multi-surface Swing a new design, we developed the special version with metal cross beam. The technically thought-out corner connections make the equipment very sturdy. A playground is not complete without a swing. Children need the possibility of swinging during their development. Swinging to and fro is a basic movement and is fun not only for children. Swinging has a comforting effect, removes tensions and provides pleasure, particularly if swinging is possible side by side.



Order No. 6.12800 Multi-surface Twing Swing



Fundamental characteristics

- high-quality design
- incentive for playing: swing suspension
- movement: swinging, jumping off

Suitable

- for children from 3 years
- for playgrounds near houses
- nurseries
- children's homes
- public playgrounds

Multi-surface Swing
Multi-surface Swing special
Multi-surface Twing Swing special

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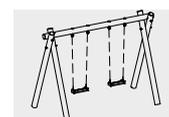
Design and Copyright



6.12600



6.12620

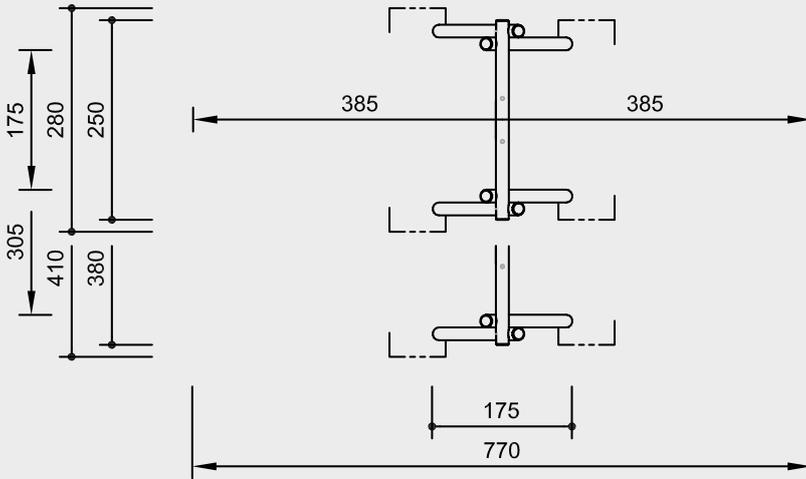


6.12800

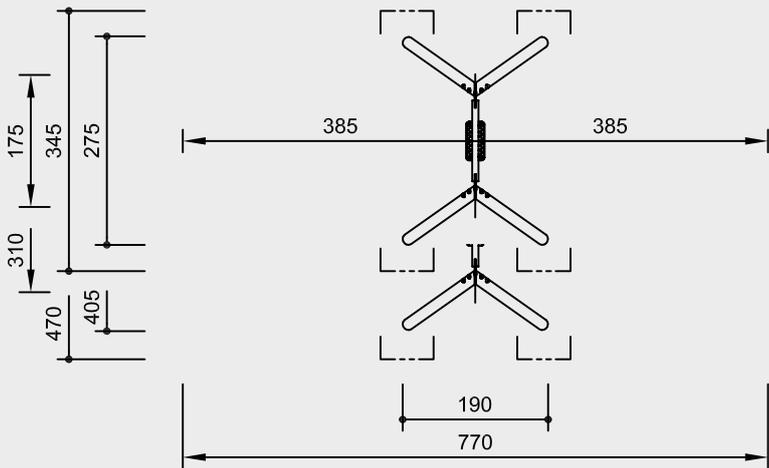


6.12820

Order No. 6.12600/6.12800
Multi-surface Swing, Multi-surface Twin Swing



Order No. 6.12620/6.12820
Multi-surface Swing special
Multi-surface Twin Swing special



scale 1:100

Safety check according to EN 1176

Components

Order No. 6.12600/6.12800
Multi-surface Swing
Multi-surface Twin Swing

1 swing frame
 with 1 or 2 complete suspension
 attachments

Order No. 6.12620/6.12820
Multi-surface Swing special
Multi-surface Twin Swing special

1 swing frame
 with steel feet and metal cross beam
 with 1 or 2 complete suspension
 attachments with swing seats

Installation information

Surfacing requirements
 corresponding to a fall height of 1.40 m
 (please refer to price list for more
 detailed information)

Foundations

Order No. 6.12600/6.12800
 4 items 60 x 70 x 60 cm, excavation 80 cm

Order No. 6.12620/6.12820
 4 items 60 x 70 x 40 cm, excavation 60 cm

Attention:

**Exact measurements may vary, for
 all installation dimensions refer to
 current installation instructions.**

Technical changes reserved.

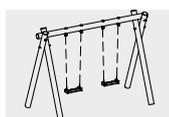
**Order No. 6.12600 and 6.12800 also
 available with steel feet.**



6.12600



6.12620



6.12800



6.12820

Technical information

Order No. 6.12600/6.12800

de-barked

de-barked posts, Ø 15 - 18 cm, of
 spruce/fir, boiler pressure impregnated
 according to DIN 68800, hazards
 class 4



perforated

the earth/air zone of the wood is perforated
 by small bore holes to ensure that
 the impregnating agent penetrates this
 particularly endangered zone



rubber seat

rubber seat with anatomically correct
 shape, strong profiled steel insert and
 soft shock absorbing edge



swing joint

drop-forged and hot-dip galvanised
 swing joint with bush with graphite
 sleeve for self-lubrication and integra-
 ted swivel



concealed head

large surface for pressure distribution,
 prevents water from getting inside,
 protects the bolt head



adjustable

no projecting threads after re-tighte-
 ning due to two-piece bolt connection
 and therefore easy to maintain



strong fastening

bolt connections with milled metal
 rings for connections which are stressed
 cross-wise



brass bush

for all to and fro movements we use
 bush bearings which allow for self-
 lubrication while in use and which can
 be easily exchanged in case of need



chains

suspended on short-link chains, 6 mm,
 welded before hot-dip galvanisation
 (stainless steel chains available on
 request)



Order No. 6.12620/6.12820

materials as before, but posts of
 mountain larch, selected according to
 eight quality criteria

ground anchor

steel feet hot-dip galvanised



crossbar

of galvanised steel, with rigid corner
 connection



Dimensions

(small deviations possible)

Order No.	6.12600	6.12800
height	2.50 m	2.50 m
width	2.50 m	3.80 m
depth	1.75 m	1.75 m
weight approx.	235 kg	250 kg

Order No.	6.12620	6.12820
height	2.60 m	2.60 m
width	2.75 m	4.05 m
depth	1.90 m	1.90 m
weight approx.	200 kg	220 kg

For more detailed explanation of the quality characteristics see price list.

Play value

Swinging and rocking are typical movements in the childhood. Children are looking for possibilities to experience this swinging movement. Lying in the Cradle Swing is above all pleasant when a friendly co-player sets the swing in motion from outside. It is special fun if there are several "chicks" in the nest.

Fundamental characteristics

- appealing design
- sturdy construction of round poles
- older children can also use the nest as a swing
- incentive for playing: lying oneself in a nest
- movement: swaying, rocking and swinging

Suitable

- for children from 4 years
- for nurseries
- public playgrounds
- playgrounds situated near houses
- institutions for children with special needs



Order No. 6.14520 Cradle Nest special



Order No. 6.14520 Cradle Nest special



Order No. 6.14500 Cradle Nest

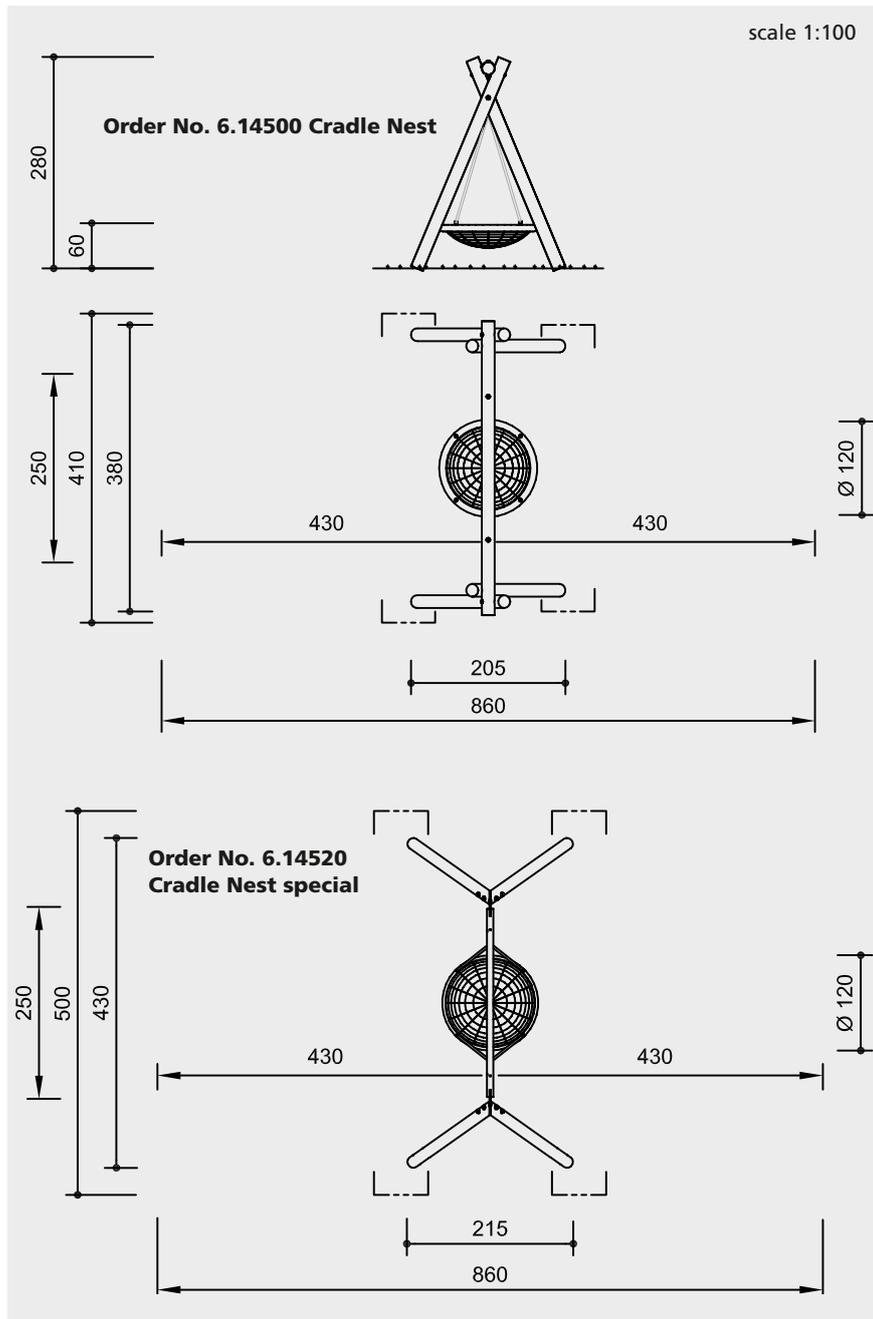
**Cradle Nest
Cradle Nest special**



6.14500



6.14520



Safety check according to EN 1176

Components

Order No. 6.14500 Cradle Nest

- 1 cross beam
- 2 support frames
- 1 cradle nest suspended on hose-sleeved chains

Order No. 6.14520 Cradle Nest special

- 1 metal cross beam
- 2 support frames with steel feet
- 1 cradle nest suspended on hose-sleeved chains

Installation information

Surfacing requirements corresponding to a fall height of 1.40 m (please refer to price list for more detailed information)

Foundations
4 items 60 x 70 x 60 cm
excavation depth 80 cm

Attention:
Exact measurements may vary, for all installation dimensions refer to current installation instructions.
Technical changes reserved.
Order No. 6.14500 Cradle Nest also available with steel feet.



6.14500



6.14520

Technical information

Order No. 6.14500 Cradle Nest

de-barked

de-barked posts, Ø 15 - 18 cm, of spruce/fir, boiler pressure impregnated according to DIN 68800, hazards class 4



perforated

the earth/air zone of the wood is perforated by small bore holes to ensure that the impregnating agent penetrates this particularly endangered zone



universal joint

drop-forged and hot-dip galvanised joint yoke; the universal joint insert consists of two swing bearing



concealed head

large surface for pressure distribution, prevents water from getting inside, protects the bolt head



adjustable

no projecting threads after re-tightening due to two-piece bolt connection and therefore easy to maintain



strong fastening

bolt connections with milled metal rings for connections which are stressed cross-wise



brass bush

for all to and fro movements we use bush bearings which allow for self-lubrication while in use and which can be easily exchanged in case of need



cradle nest, Ø 120 cm, with coloured rope ring (blue or green), basket of recycling rubber-chain-steel cable mat

suspended on 8 mm hose-sleeved chains, hot-dip galvanised

fittings hot-dip galvanised, reinforced

Order No. 6.14520 Cradle Nest special

Description of materials as before, but posts of mountain larch, selected according to eight quality criteria

crossbar

of galvanised steel, with rigid corner connection



ground anchor

steel feet hot-dip galvanised



Dimensions

(small deviations possible)

Order No.	6.14500	6.14520
height	2.80 m	3.00 m
width	3.80 m	4.30 m
depth	2.05 m	2.15 m
weight approx.	310 kg	280 kg

For more detailed explanation of the quality characteristics see price list.

Play value

Slides are fun and sliding provides an exhilarating way to descend from a height. The exhilaration of the unfamiliar, apparently risky movement is an important play element of the slide. This downhill glide without doing anything other than overcoming self-doubt and being daring, is enjoyable and provides a sense of achievement. Particularly fun is tandem or twin gliding on a wide slide.

Fundamental characteristics

- friendly appearance
- exclusive design
- can also be installed as embankment slides
- incentive for playing: experiencing height, thrill
- movement: sliding

Suitable

- for older than, but also suitable for children under 3 years
- for public playgrounds
- leisure areas
- nurseries
- playgrounds situated near houses



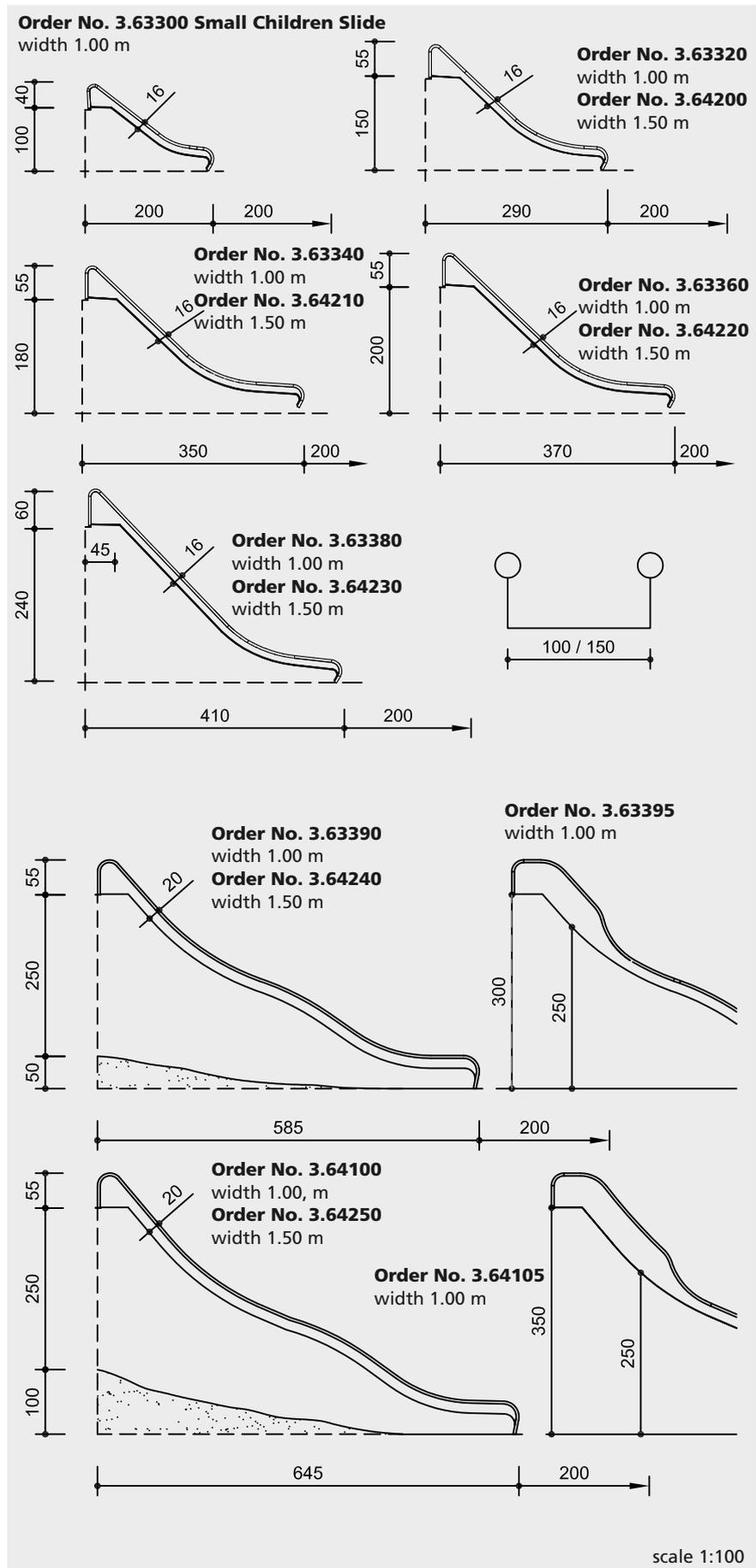
Stainless Steel Slides
width 1.00 - 1.50 m

Note on installation

The orientation of the slide to the South has to be avoided because of heating up of the material.



3.63300 - 3.64250



Technical information

Total construction of the slides made of stainless steel; thickness of slide metal: for Order No. 3.63300 2.5 mm, for all other slides 3 mm, handrail tube Ø 42 mm, thickness 2 mm

height of the sides 16 or 20 cm, **Order No. 3.63395** and **3.64105** with higher sides up to 2.50 m fall height

Dimensions see drawings (small deviations possible)

Order No.	weight
3.63300	65 kg
3.63320	110 kg
3.63340	130 kg
3.63360	150 kg
3.63380	170 kg
3.63390	250 kg
3.64100	265 kg
3.63395	265 kg
3.64105	275 kg
3.64200	150 kg
3.64210	175 kg
3.64220	200 kg
3.64230	225 kg
3.64240	320 kg
3.64250	335 kg

Components

Order No. 3.63300 Small Children Slide
1 Slide, width 1.00 m, with ground anchor and with 2 supporting posts below and 2 upper fish-plates above

Order No. 3.63320 - 3.63380
1 Slide, width 1.00 m with 2 supporting posts below and 2 upper fish-plates above

Order No. 3.63390/3.64100
1 Slide, width 1.00 m, with 1 wave, with 2 supporting posts below and 2 upper fish-plates above

Order No. 3.63395/3.64105
1 Slide, as before, but with higher sides with 2 supporting posts below and

Order No. 3.64200 - 3.64230
1 Slide, width 1.50 m with 2 supporting posts below and 2 upper fish-plates above

Order No. 3.64240/3.64250
1 Slide, width 1.50 m, with 1 wave, with 2 supporting posts below and 2 upper fish-plates above

Installation information

Surfacing requirements depending on the fixing height, embankment slides depending on the topographic situation; in the run-out area we recommend material such as sand; (please refer to price list for more detailed information)

Foundations
Slides with ground anchor do not need concrete foundations; for Slides with supporting posts: 2 items 30 x 30 x 30 cm excavation depth 70 cm

Safety check according to EN 1176



3.63300 - 3.64250

Attention:
Exact measurements may vary, for all installation dimensions refer to current installation instructions.
Technical changes reserved.

Play value

Climbing, crawling inside or crawling through: the Climbing Loom offers children from three years of age various opportunities to test out their agility but also to hide in one of the spaces between the logs. Skill is required to manoeuvre through the Loom of logs like a snake.

Fundamental characteristics

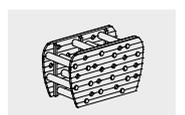
- logs arranged like a loom
- peepholes at the side
- movement: climbing up and around, crawling

Suitable

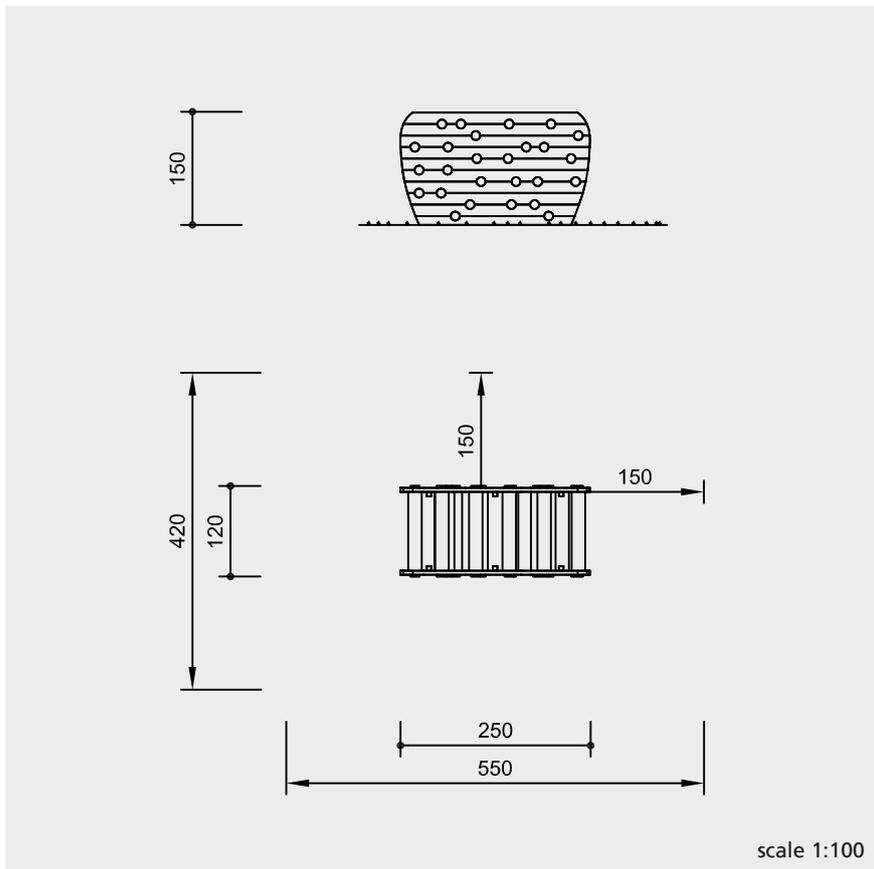
- for children from 3 years
- for public playgrounds



Climbing Loom



4.20000



Safety check according to EN 1176

Technical information

equipment of mountain larch, selected according to eight quality criteria

de-barked
de-barked posts, Ø 16 - 18 cm



core-free
sawn-timbers are core-free, by that formation of cracks can be reduced



ground anchor
steel feet hot-dip galvanised



Dimensions
(small deviations possible)

height 1.50 m
length 2.50 m
width 1.20 m
weight approx. 550 kg

For more detailed explanation of the quality characteristics see price list.

Components

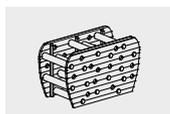
1 climbing loom complete with 4 steel feet

Installation information

Surfacing requirements corresponding to a fall height of < 1.50 m (please refer to price list for more detailed information)

Foundations
4 items 30 x 30 x 30 cm
excavation depth 50 cm

Attention!
Exact measurements may vary, for all installation dimensions refer to current installation instructions.
We reserve the right to make technical alterations!



4.20000

Play value

Even a „landlubber“ can go on a long journey with this Sailing Boat. Just as in real life, one can rock on the „waves“. All the more with someone standing at the mast to make sure that there is a strong wind blowing. A sailor with less courage can sit next to the tiller and maintain the course. The passengers when all aboard, and even when there is a violent storm, don't fall off because they can hold on tight everywhere. The Sailing Boat encourages active play and role games.



Order No. 6.03200 Sailing Boat with robinia posts



Order No. 6.03201 Sailing Boat with steel posts

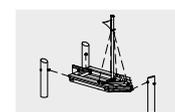
Fundamental characteristics

- unique and original
- the three-point suspension evokes the illusion of being on a sailing boat
- incentive for playing: shape, suspension
- movement: moving one's centre of gravity, swinging, wobbling

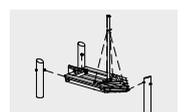
Suitable

- for children from 3 years
- for nurseries
- children's homes
- playgrounds situated near houses
- public playgrounds
- outdoor swimming pools

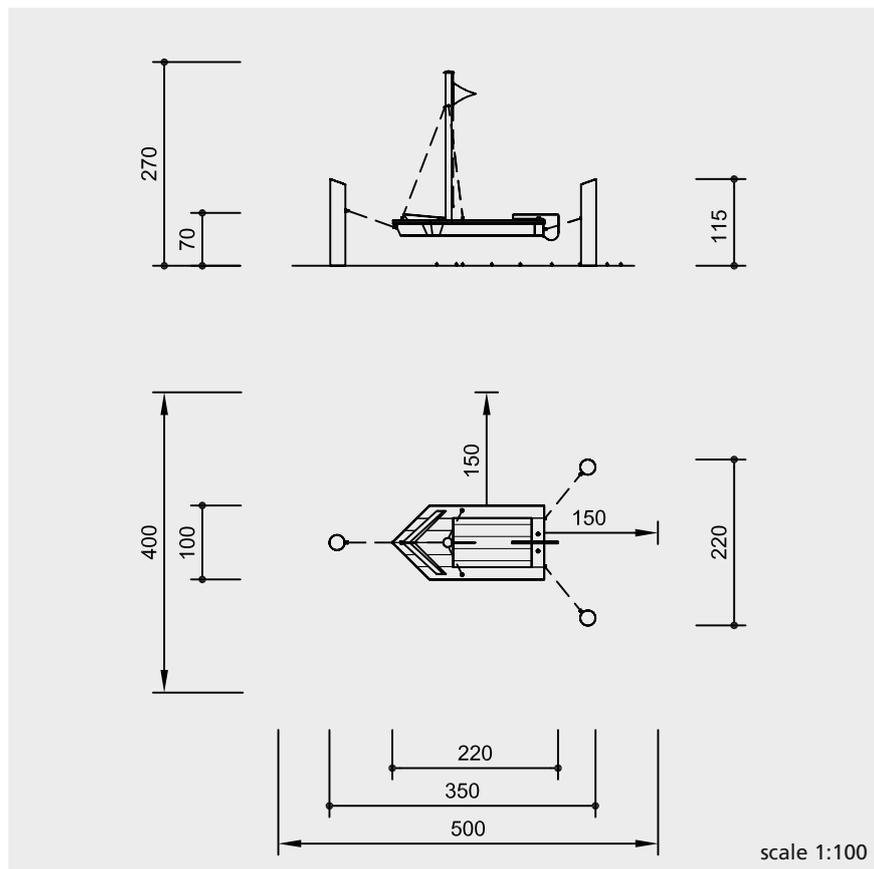
Sailing Boat
Sailing Boat with flag



6.03200/6.03201



6.03210



Safety check according to EN 1176

Components

Order No. 6.03200 with flag
1 ship with mast and tiller
3 robinia posts
1 hoistable flag

Order No. 6.03201 with steel posts
as before, but support posts of hot-dip
galvanised steel, Ø 178 mm

Order No. 6.03210
1 ship with mast and tiller
3 robinia posts

Installation information

Surfacing requirements
corresponding to a fall height of 0.70 m
(please refer to price list for more
detailed information)

Foundations
3 items 80 x 80 x 80 cm
excavation depth 100 cm

Attention:
**Exact measurements may vary, for
all installation dimensions refer to
current installation instructions.**
Technical changes reserved.
**For use in chlorine water the steel
posts are also available with a
special steel alloy.**

Technical information

Sailing boat of mountain larch, selected
according to eight quality criteria

de-barked
de-barked robinia poles, Ø 18 - 21 cm



angle cut
vertical support posts with angle cut in
the end grain section as constructive
wood preservation



core-free
sawn-timbers are core-free, by that
formation of cracks can be reduced



tongue and groove
floor of 40 mm tongue and groove
boarding



universal joint
suspended on 7 mm chains and drop-
forged and hot-dip galvanised joint
yokes; the universal joint insert consists
of two swing bearings



concealed head
large surface for pressure distribution,
prevents water from getting inside,
protects the bolt head



adjustable
no projecting threads after re-tighten-
ing due to two-piece bolt connection
and therefore easy to maintain



brass bush
for all to and fro movements we use
bush bearings which allow for self-
lubrication while in use and which can
be easily exchanged in case of need



chains
mast guys suspended on short-link
stainless steel chains, 6 mm



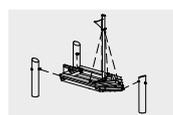
fittings hot-dip galvanised

flag made of weatherproof plastic
fabric

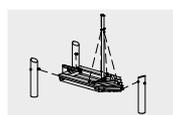
Dimensions
(small deviations possible)

overall length 3.50 m
overall width 2.20 m
seating height 0.70 m
weight approx. 300 kg

For more detailed explanation of the
quality characteristics see price list.



6.03200/6.03201



6.03210

Play value

The Bouncing Flower is a movement possibility which is great fun, especially when used by several participants. It is easy to enjoy whether jumping and hopping in the same rhythm or even against the rhythm of one's neighbour. The mobile „petals“ on the jumping flower are fixed by means of hinges to the centre. Each „petal“ can bounce up and down thanks to springs.

Fundamental characteristics

- unique and original
- agreeable design
- wooden surface with natural structure for a good grip
- incentive for playing: „petals“, springs
- movement: jumping up and down, jumping off, hopping

Suitable

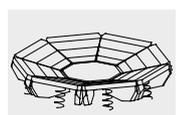
- for children from 4 years
- for public playgrounds
- institutions for children
- parks
- outdoor swimming pools
- as play offer alongside paths



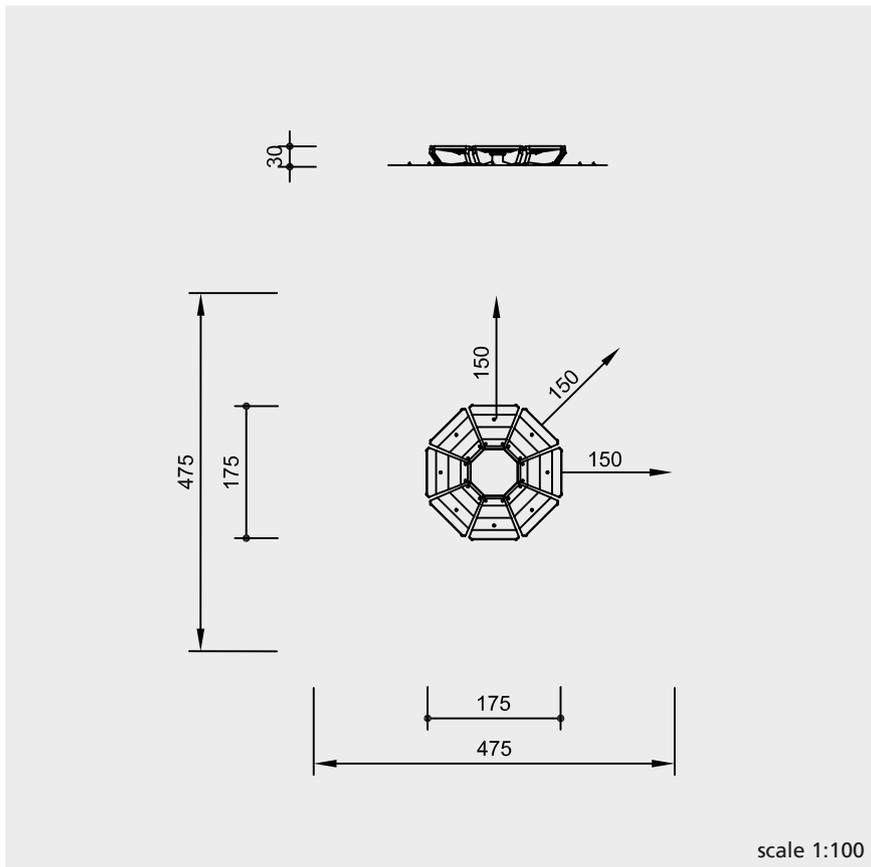
Bouncing Flower

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Design S. Gasbichler/J. Weber



6.06500



Safety check according to EN 1176

Technical information

equipment of mountain larch, selected according to eight quality criteria

core-free
sawn-timbers are core-free, by that formation of cracks can be reduced



tongue and groove
boards of segment tops of 40 mm tongue and groove boarding



brass bush
for all to and fro movements we use bush bearings which allow for self-lubrication while in use and which can be easily exchanged in case of need



coated springs, standard colour red

centre plate of fluted metal sheet, hot-dip galvanised

supporting frame hot-dip galvanised

steel foundation frame

Dimensions
(small deviations possible)

height	0.35 m
diameter	1.70 m
weight approx.	260 kg

For more detailed explanation of the quality characteristics see price list.

Components

1 equipment item with 8 segments mounted on springs and 1 foundation frame

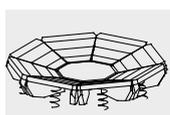
Installation information

Surfacing requirements corresponding to a fall height of < 0,60 m (please refer to price list for more detailed information)

Foundations
foundation frame for 8 foundations
30 x 30 x 40 cm each
excavation depth 50 cm

Attention:
Exact measurements may vary, for all installation dimensions refer to current installation instructions.

Technical changes reserved.



6.06500



Order No. 6.07020 Space Rocker 2



Order No. 6.07040 Space Rocker 4



Order No. 6.07030 Space Rocker 3

Play value

Seat and handle bar invite for sitting down and, at once, the whole structure starts moving. Up and down, wobbling and rocking - a firm hold to the handle bar allows for a wild ride through the space.

Fundamental characteristics

- unique and original high-quality design
- incentive for playing: handle bar, spring, seat
- movement: see-sawing, wobbling, shifting one's weight

Suitable

- for children from 3 years
- for public playgrounds pedestrian zones school playgrounds



Order No. 6.07010 Space Rocker 1

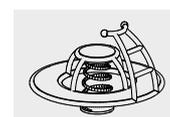
Space Rocker



6.07010



6.07020

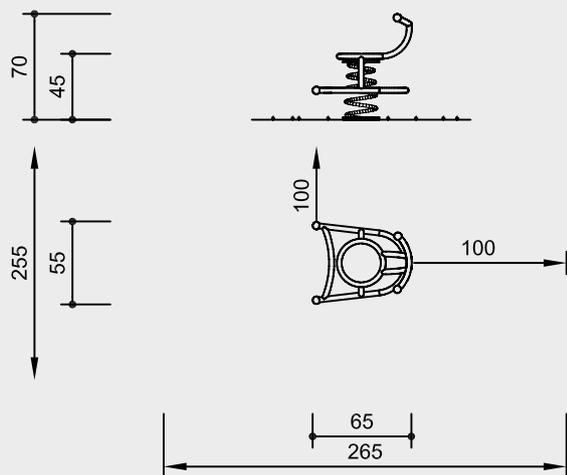


6.07030

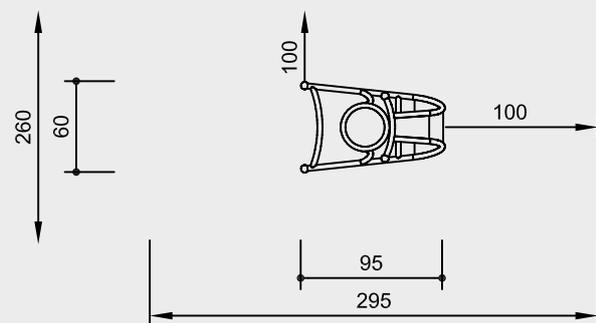


6.07040

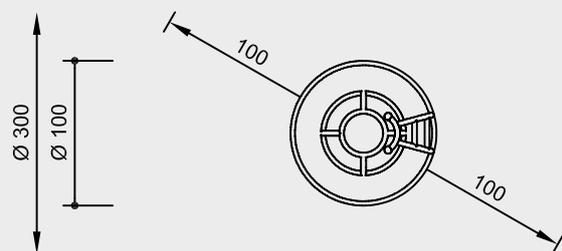
Order No. 6.07010 Space Rocker 1



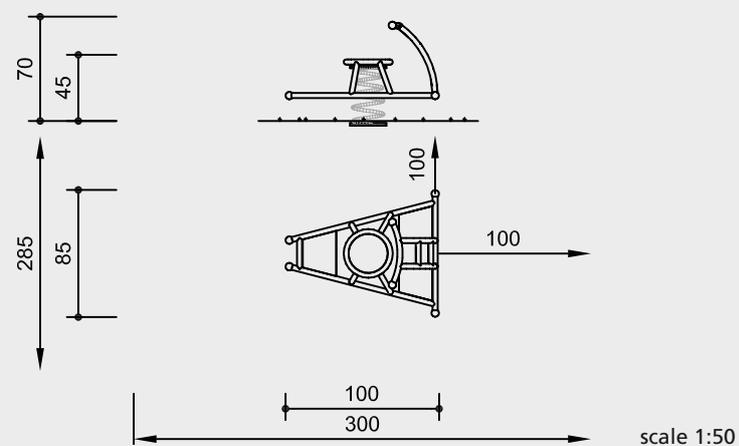
Order No. 6.07020 Space Rocker 2



Order No. 6.07030 Space Rocker 3



Order No. 6.07040 Space Rocker 4



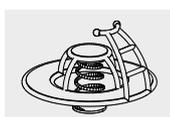
Safety check according to EN 1176



6.07010



6.07020



6.07030



6.07040

Technical information

Equipment of stainless steel tubes, Ø 33,7 mm x 2,5 mm, completely blasted with glass pearls

all ends of tubes closed with stainless steel caps

ball of solid stainless steel, Ø 50 mm

foot rests of stainless steel metal sheets, 3 mm

seat and foot rests with rubber cover, 4 mm, glued, in blue colour

spiral spring of special steel wire, Ø 18 cm, powder coated in grey colour, RAL 7035

Dimensions

(small deviations possible)

Order No. 6.07010 Space Rocker 1

equipment height	0.70 m
sitting height	0.45 m
length	0.65 m
max. width	0.55 m
weight approx.	38 kg

Order No. 6.07020 Space Rocker 2

equipment height	0.75 m
sitting height	0.45 m
length	0.95 m
max. width	0.60 m
weight approx.	42 kg

Order No. 6.07030 Space Rocker 3

equipment height	0.65 m
sitting height	0.45 m
diameter	1.00 m
weight approx.	44 kg

Order No. 6.07040 Space Rocker 4

equipment height	0.70 m
sitting height	0.45 m
length	1.00 m
max. width	0.85 m
weight approx.	57 kg

Components

- 1 Space Rocker
- 1 ground anchor

Installation information

Surfacing requirements corresponding to a fall height of < 0.60 m (please refer to price list for more detailed information)

excavation for ground anchor

1 item 70 x 70 x 45 cm

For installation in loose material an additional anchor in a concrete foundation (by customer) is required.

Attention:

Exact measurements may vary, for all installation dimensions refer to current installation instructions.

Technical changes reserved.

Play value

Rocking holds an almost inexhaustible attraction for small children. This can be seen by the way in which children persistently test their balance on chairs – bringing some parents to despair. That's why every playground should have a see-saw. Our Small See-Saw has a delightful shape and provides gentle see-sawing fun.

Fundamental characteristics

- high-quality design

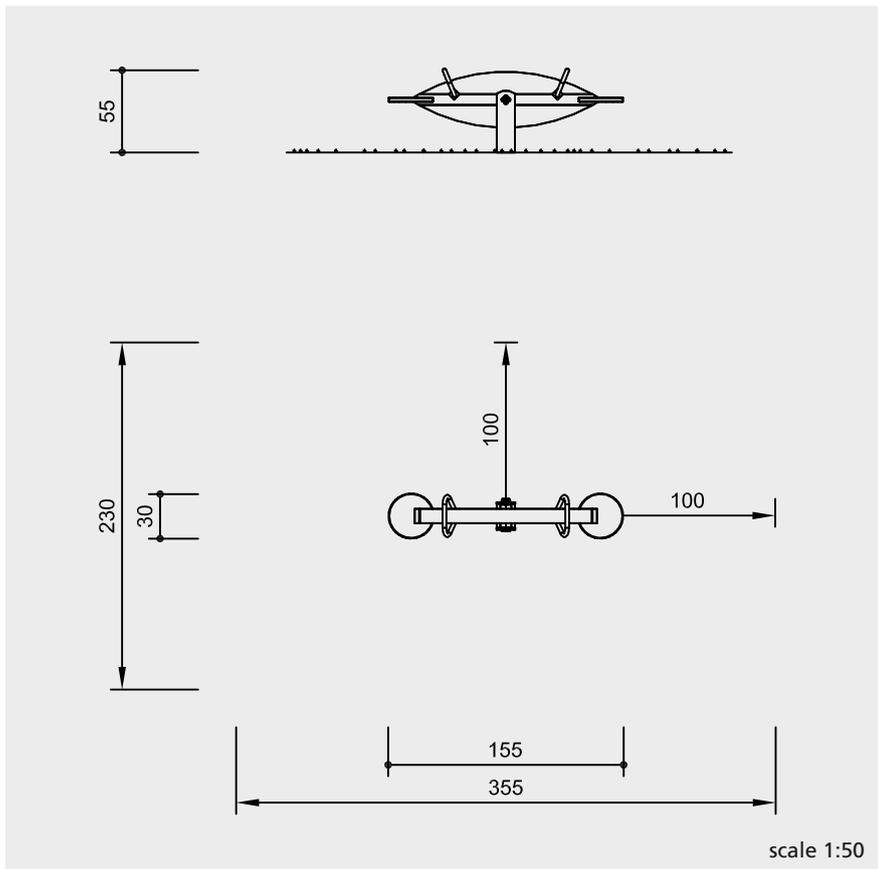
Suitable

- for small children's areas of:
 - public playgrounds
 - playgrounds situated near houses
 - leisure areas
 - kindergartens
- nurseries



Small See-Saw





Safety check according to EN 1176

Components

1 Small See-Saw complete with support frame

Installation information

Surfacing requirements corresponding to a fall height of 0.80 m

(please refer to price list for more detailed information)

Foundations
1 item 50 x 80 x 50 cm
excavation depth 70 cm

Attention!
Exact measurements may vary, for all installation dimensions refer to current installation instructions.
Subject to technical changes!

Technical information

core-free

sawn timbers made of mountain larch, selected according to eight quality criteria, thus decreasing the occurrences of cracking



larch plywood

seating area made of three-layer waterproof plywood of larch, 30 mm



see-saw mechanism with rubber buffers

grips of stainless steel

support frame hot-dip galvanised, maintenance-free

Dimensions

(small deviations possible)

height	0.55 m
max. rocking height	0.80 m
length	1.55 m
width	0.30 m
weight approx.	85 kg

For more detailed explanation of the quality characteristics see price list.



6.11700

Play value

See-sawing has a tremendous appeal for small children and children of school age. This can be seen already by the continual attempts to balance or rock to and fro on chairs, which can wear out the patience of many a parent and teacher. This type of play demonstrates how absolutely necessary it is to have a good see-saw in every playground. To prevent any damage to the children's spines from the impact of the see-saw seat hitting the ground, every see-saw needs some kind of shock absorber.



Order No. 6.11500 See-saw - tyres not included



Fundamental characteristics

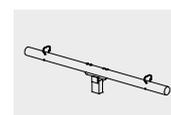
Order No. 6.11000

- inside the support tube there is a sturdy metal lever with double-sided rubber buffers, which ensures a shock absorption of the see-saw movement
- see-saw beam which inspires confidence
- incentive for playing: grips, popular game
- movement: pushing oneself off, shifting one's weight

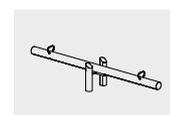
Suitable

- for children from 3 years
- for public playgrounds
leisure parks
children's institutions
play areas for people with special needs
outdoor swimming pools

**See-saw with Shock Absorbers
See-saw**

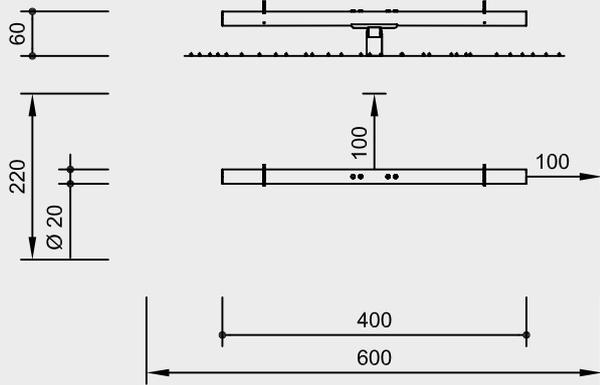


6.11000

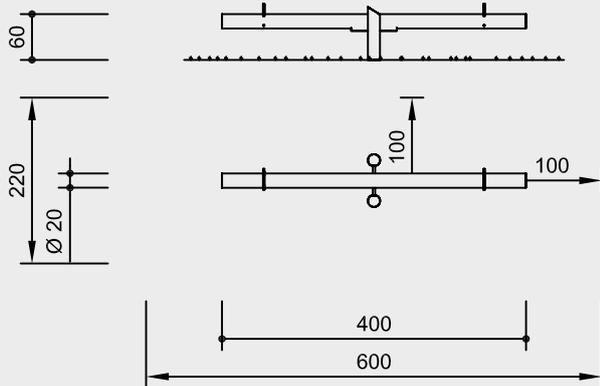


6.11500

Order No. 6.11000 See-saw with Shock Absorbers



Order No. 6.11500 See-saw



scale 1:100

Safety check according to EN 1176

Components

Order No. 6.11000

See-saw with Shock Absorbers

1 see-saw beam with 2 hand grips
1 centre support with integrated shock absorbers

Order No. 6.11500 See-saw

1 see-saw beam with 2 hand grips
1 support frame of posts
(shock absorbers on site)

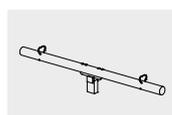
Installation information

Surfacing requirements corresponding to a fall height of 1.00 m (please refer to price list for more detailed information)

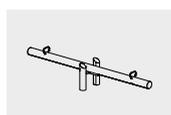
Foundations

Order No. 6.11000
1 item 60 x 60 x 60 cm
excavation depth 80 cm
Order No. 6.11500
1 item 60 x 100 x 60 cm
excavation depth 80 cm

Attention:
Exact measurements may vary, for all installation dimensions refer to current installation instructions.
Technical changes reserved.



6.11000



6.11500

Technical information

Order No. 6.11000 See-saw with Shock Absorbers

de-barked

see-saw beam de-barked, Ø 18 - 21 cm, of mountain larch, selected according to eight quality criteria



brass bush

for all to and fro movements we use bush bearings which allow for self-lubrication while in use and which can be easily exchanged in case of need



relief cut

a kerf sawn along the underside of the trunk at a suitable place to pre-empt cracks that would form naturally



see-saw mechanism with rubber buffers; grips of stainless steel

thick-walled support tube, hot-dip galvanised

Order No 6.11500 See-saw

de-barked

see-saw beam de-barked, Ø 18 - 21 cm, of mountain larch, selected according to eight quality criteria



posts of the support frame de-barked, of robinia, Ø 15 - 18 cm

concealed head

large surface for pressure distribution, prevents water from getting inside, protects the bolt head



brass bush

for all to and fro movements we use bush bearings which allow for self-lubrication while in use and which can be easily exchanged in case of need



relief cut

a kerf sawn along the underside of the trunk at a suitable place to pre-empt cracks that would form naturally



grips of stainless steel

Recommendation:

Tyres as shock absorbers should be provided

Dimensions

(small deviations possible)

Order No. 6.11000
height max. 1.00 m
length 4.00 m
width 0.20 m
weight approx. 135 kg

Order No. 6.11500

height max. 1.00 m
length 4.00 m
width 0.70 m
weight approx. 120 kg

For more detailed explanation of the quality characteristics see price list.

Play value

Roundabouts belong to the basic elements of playgrounds. Older children as well as younger ones enjoy being whirled around or gently turned about. Our red roundabout is an one-piece dish providing six seats. Due to its colour and shape, it is very attractive and can be an artistic accentuating item of a play area.



Fundamental characteristics

- soft shape
- exclusive design
- accentuation of a play area by its colour
- speed limitation
- calculable rotation speed
- incentive for playing: red colour, soft shape
- movement: pushing, turning

Roundabout

Suitable

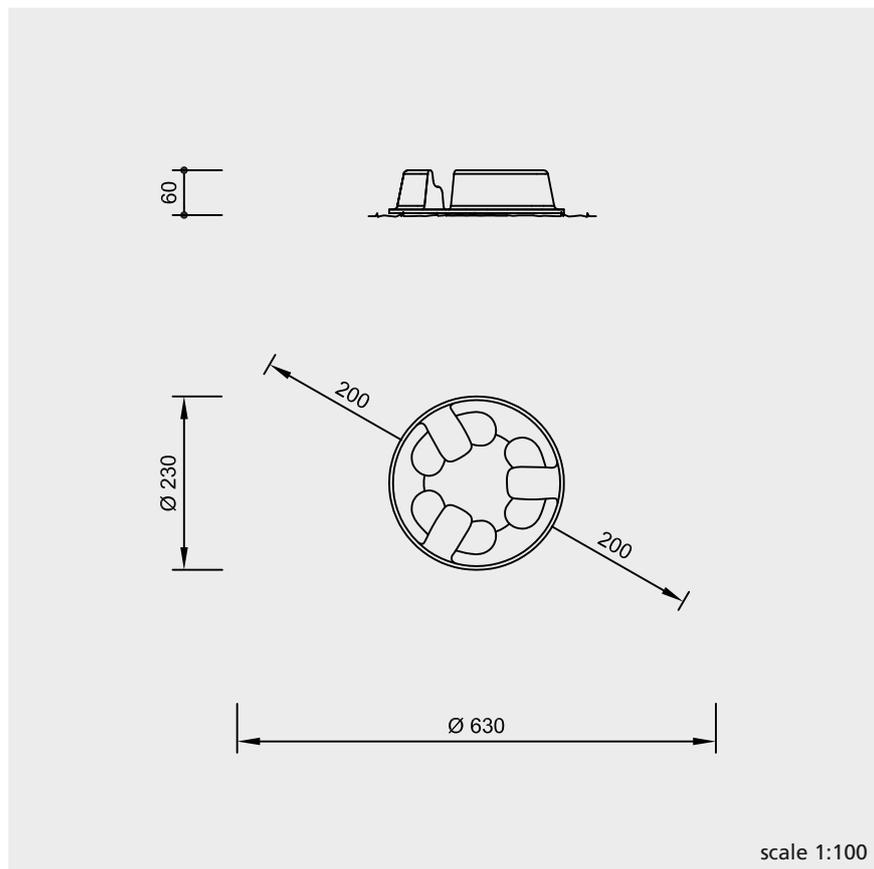
- for children from 4 years
- for public playgrounds
- leisure areas
- nurseries

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Design G. Beltzig



6.26000



Safety check according to EN 1176

Components

- 1 dish with 3 double mouldings for seats mounted on a rotating spindle
- 1 foundation frame

Installation information

Surfacing requirements as for critical fall height 1.00 m (please refer to price list for more detailed information)

Foundations
1 item 80 x 80 x 80 cm
excavation depth 80 cm

Attention:
Exact measurements may vary, for all installation dimensions refer to current installation instructions.
Technical changes reserved.

Technical information

Dish of fibreglass-strengthened polyester worked on in open form during the fibre-spraying process. Extremely colourfast and resistant to UV rays and frost

surface totally smooth, wall thickness 8 mm

lip reinforced to 25 mm

standard colour red

ball bearing
mechanism with double low-maintenance, easily replaceable ball bearings, made of stainless steel



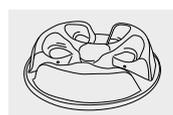
foundation frame of steel

Dimensions

(small deviations possible)

height	0.60 m
diameter	2.30 m
weight approx.	120 kg

For more detailed explanation of the quality characteristics see price list.



6.26000

Play value

Children recognise at once that this „Family“ of carousels stands for father, mother and child, despite of their abstract design. The carousels can easily be set in motion, sitting on the disc by hand or being in an upright position by one's feet. The bent tubes serve as hand holds. Moreover, they can be used for gymnastic exercise. The carousels of the „Family“ line show their special nature mainly as complete installation with all three family members. Due to their formal design, they are very well suited for play areas in city centres and other public places in towns.



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Design and Copyright

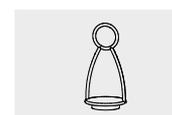
Fundamental characteristics

- dimensions corresponding to different age groups by different sizes of the carousels
- attractive design
- playful experience of the pirouette effect
- incentive for playing: friendly appearance, identification, different sizes
- movement: moving one's centre of gravity, turning

**Medium Spinner
Large Spinner**

Suitable

- for children from 4 years
- for public playgrounds
nurseries
school playgrounds
pedestrian zones

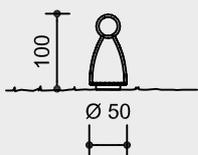


6.26401

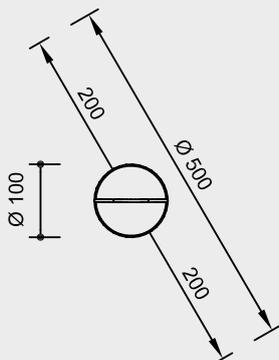
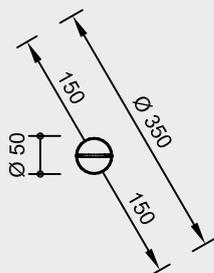
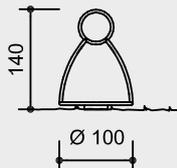


6.26402

**Order No. 6.26401
Medium Spinner**



**Order No. 6.26402
Large Spinner**



scale 1:100

Safety check according to EN 1176

Components

- 1 carousel each
- 1 foundation frame each

Installation information

Surfacing requirements as for critical fall height 1.00 m (please refer to price list for more detailed information)

Foundations

Order No. 6.26401
1 item 60 x 60 x 20 cm
excavation depth 60 cm

Order No. 6.26402
1 item 60 x 60 x 55 cm
excavation depth 60 cm

Attention:

Exact measurements may vary, for all installation dimensions refer to current installation instructions.

Technical changes reserved.

Technical information

equipment of stainless steel

sturdy, welded substructure

ball bearing

mechanism with double low-maintenance, easily replaceable ball bearings, made of stainless steel, lacquered, water and sand proof,



easy grip tubes

Order No. 6.26401 Ø 33,7 mm

Order No. 6.26402 Ø 42 mm

floor of fluted metal sheet

foundation frame of steel

Dimensions

(small deviations possible)

Order No. 6.26401

height 1.00 m
diameter 0.50 m
weight approx. 45 kg

Order No. 6.26402

height 1.40 m
diameter 1.00 m
weight approx. 70 kg

For more detailed explanation of the quality characteristics see price list.



6.26401



6.26402



Order No. 6.26500 Turntable

Play value

Turning around is great fun for children. The Turntable and the Small Carousel give an opportunity for making first experiences regarding power, centrifugal forces and speed. Physical skills are extended and developed. Principles such as cause and effect can be absorbed subconsciously, physical limits can be experienced. The small carousels encourage communication and cooperation.

Fundamental characteristics

- dimensions corresponding to children's size
- balanced design
- solid wooden floor for a firm hold and comfortable seating
- incentive for playing: easy grip tubes
- movement: turning

Suitable

- for children from 3 years
- playgrounds near houses
- nurseries and children's homes
- small children's areas of public playgrounds



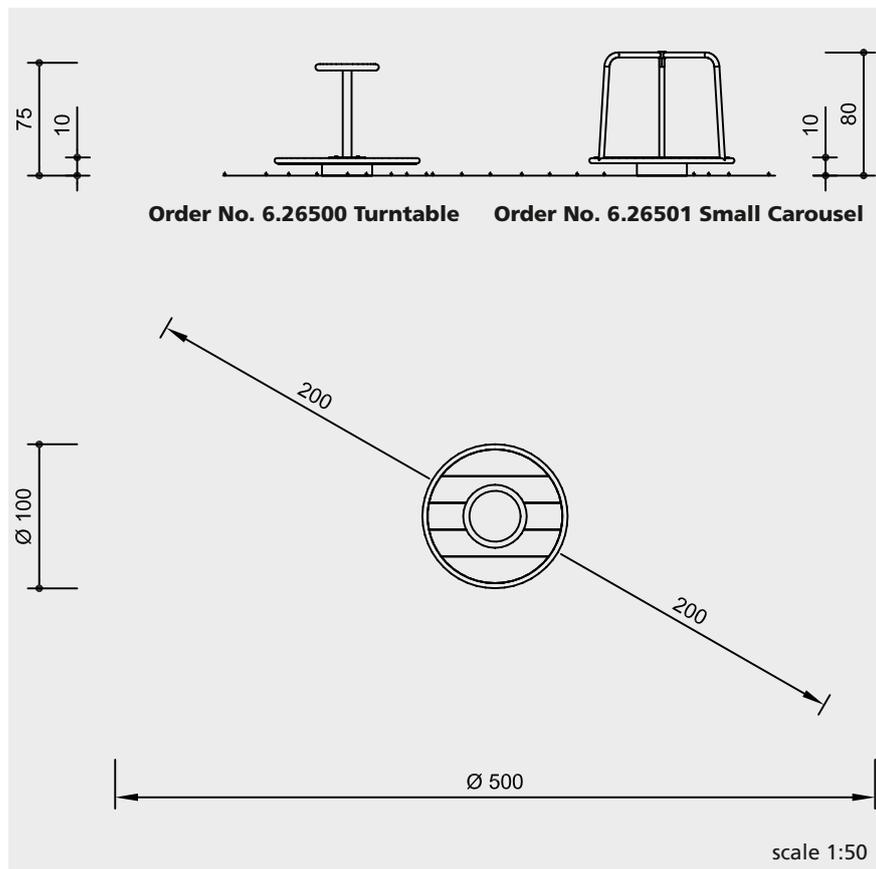
**Turntable
Small Carousel**



6.26500



6.26501



Safety check according to EN 1176

Components

Order No. 6.26500 Turntable

- 1 carousel
- 1 foundation frame

Order No. 6.26501 Small Carousel

- 1 carousel
- 1 foundation frame

Installation information

Surfacing requirements as for critical fall height 1.00 m (please refer to price list for more detailed information)

Foundations
1 item 60 x 60 x 55 cm
excavation depth 60 cm

Attention:
Exact measurements may vary, for all installation dimensions refer to current installation instructions.
Technical changes reserved.

Technical information

carousel structure of stainless steel
sturdy, welded substructure

core-free

rotating floor of 35 mm sawn-timbers of mountain larch, selected according to eight quality criteria, core-free, by that formation of cracks can be reduced



relief cut

a kerf sawn along the underside of the trunk at a suitable place to pre-empt cracks that would form naturally



ball bearing

mechanism with double ball-bearings, lacquered, water and sand proof, low-maintenance, easily replaceable ball bearings made of stainless steel



easy grip handrail tubes, Ø 33.7 mm

foundation frame of steel

Dimensions

(small deviations possible)

Order No. 6.26500 Turntable

equipment height 0.75 m
diameter 1.00 m
weight approx. 73 kg

Order No. 6.26501 Small Carousel

equipment height 0.80 m
diameter 1.00 m
weight approx. 63 kg

For more detailed explanation of the quality characteristics see price list.



6.26500



6.26501



Function and Play value

A tyre is rotationally mounted on a sturdy coil spring. Combined swaying and rotating movements provide interesting games. The tyre also invites relaxation.

Fundamental characteristics

- the special construction of the spring provides for unexpected, soft swaying and turning
- incentive for playing: high springs
- movement: tottering, balancing and turning games

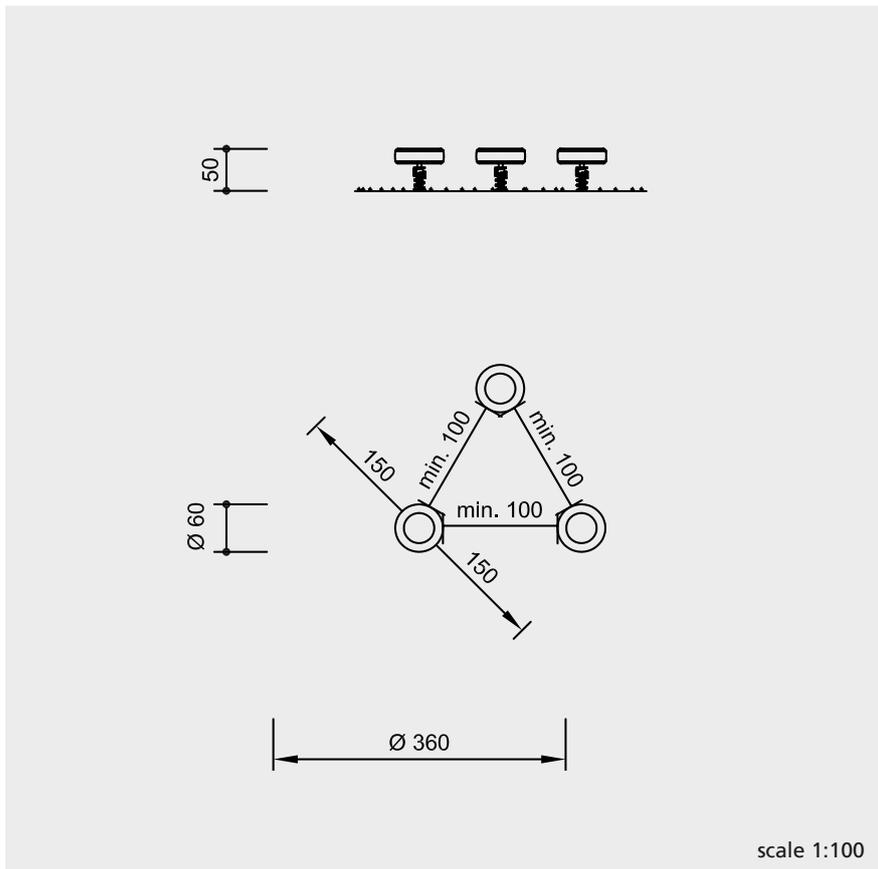
Suitable

- for children from 3 years
- for nurseries
- playgrounds situated near houses
- outdoor swimming pools



Turning Tyre





Safety check according to EN 1176

Components

1 tyre on platform, mounted on a spring, with swivel joint and hot-dip galvanised anchor

Installation information

Surfacing requirements corresponding to a fall height of < 0.60 m (please refer to price list for more detailed information)

Foundations
1 item 40 x 40 x 40 cm
excavation depth 50 cm

Attention:
Exact measurements may vary, for all installation dimensions refer to current installation instructions.
Technical changes reserved.

Technical information

milled-off tyre

milled-off tyre for making it clean, smooth, soft and light



floor inside the tyre hot-dip galvanised

ball bearing

turning mechanism with ball-bearings, low-maintenance, easily replaceable ball bearings made of stainless steel



spiral spring of 19 mm thick wire, outer diameter 149 mm, screwed to the turning mechanism and to the foundation anchor with clamp profiles; standard colour purple

foundation anchor hot-dip galvanised

Dimensions

(small deviations possible)

height 0.50 m
diameter 0.60 m
weight approx. 40 kg

For more detailed explanation of the quality characteristics see price list



6.27000



Function and Play value

The Wobble Dish can hold from one to three small children and provides wobbling, swinging enjoyment. When the children shift their weight they can swing to and fro, can whirl in a circle or roll while the dish moves on its central point of support. Thereby, an overlapping effect can occur and things do not always move as they could be expected to. However, that is just what makes it fun, also for smaller children. Coordination of movements and readiness to take risks are experienced through play.

Fundamental characteristics

- the universal joint mounting allows for use also on public playgrounds
- incentive for playing: sitting into
- movement: turning around, wobbling about, shifting one's weight

Suitable

- for small children's areas of:
 - public playgrounds
 - playgrounds situated near houses
 - kindergartens
 - day-care centres
 - children's homes
- nurseries

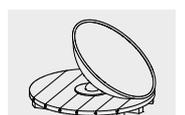


Wobble Dish

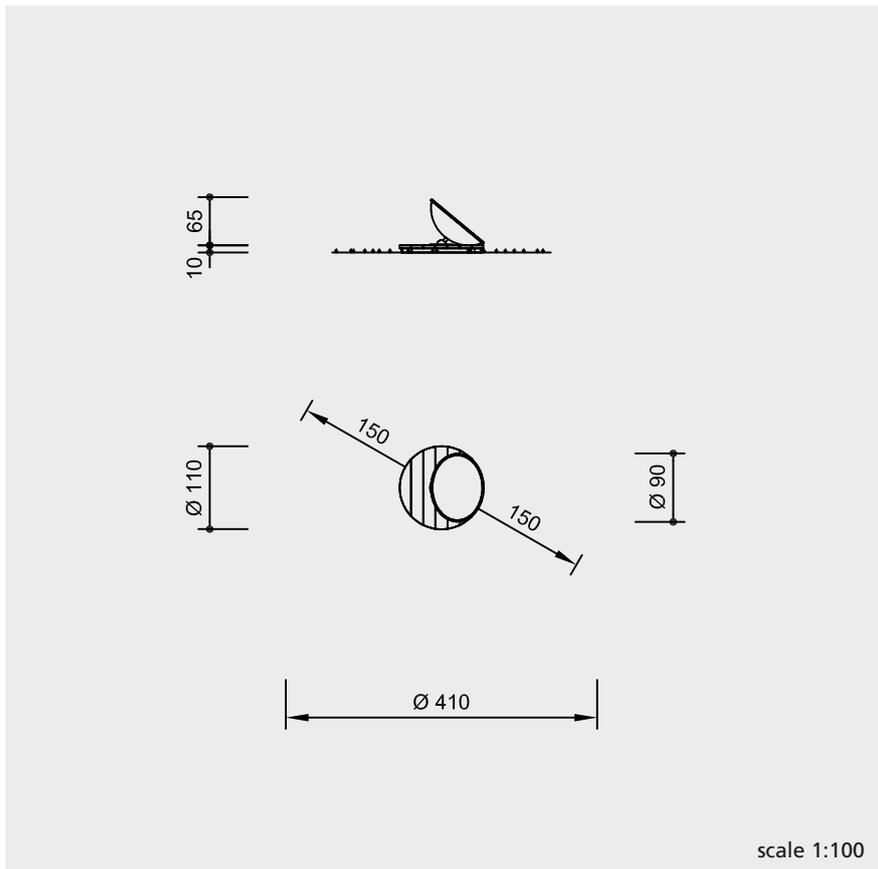


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Design H. Weiss



6.27300



Safety check according to EN 1176

Components

- 1 Wobble Dish
- 1 pre-fabricated concrete foundation

Installation information

Surfacing requirements corresponding to a fall height of < 0.60 m
Recommendation: no sand or gravel (please refer to price list for more detailed information)

Foundations
 excavation for pre-fabricated foundation
 Ø 1.05 x 0.07 m
 For installation in loose material, e.g. wood chips, an additional anchorage in in-situ concrete is necessary (on site).

Attention!
Exact measurements may vary, for all installation dimensions refer to current installation instructions.
 Subject to technical changes!

Technical information

core-free

base made of mountain larch, selected according to eight quality criteria, core-free, thus decreasing the occurrence of cracking



tongue and groove

base made of 40 mm tongue and groove boarding



ball bearing

wobbling mechanism: rotating universal joint with ball bearing; low-maintenance, easily replaceable ball bearing made of stainless steel



dish and cover of bearing of 2 mm thick stainless steel with grip rim

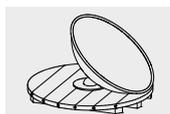
the rotating joint is sealed with a rubber ring for finger protection

Dimensions

(small deviations possible)

height	0.75 m
diameter	1.10 m
weight approx.	190 kg

For more detailed explanation of the quality characteristics see price list.



6.27300

Play value

The Whirligig is very attractive to small children, due to its friendly appearance and child-sized dimensions. Only a small amount of force is enough to start the Whirligig turning around, with or without a guest. If a passenger is on the foot support ring, they can influence the turning speed by shifting their centre of gravity. Children can hold on to the arms or collar very well and turn around together with the Whirligig. This carousel provides the opportunity of exploring the laws of centrifugal force in a playful manner.



Order No. 6.28104 red/orange

Fundamental characteristics

- child-sized and emotionally appealing design
- sensitive use of colour
- play value can be experienced individually
- can be put into motion with one push of the leg
- pirouette effect can be experienced
- incentive for playing: face, colour, arms
- movement: running around, spinning

Suitable

- for small children's areas of:
 - public playgrounds
 - kindergartens
 - leisure areas
- nurseries



Order No. 6.28000 light blue/blue with collar

Whirligig
with Collar
with Arms



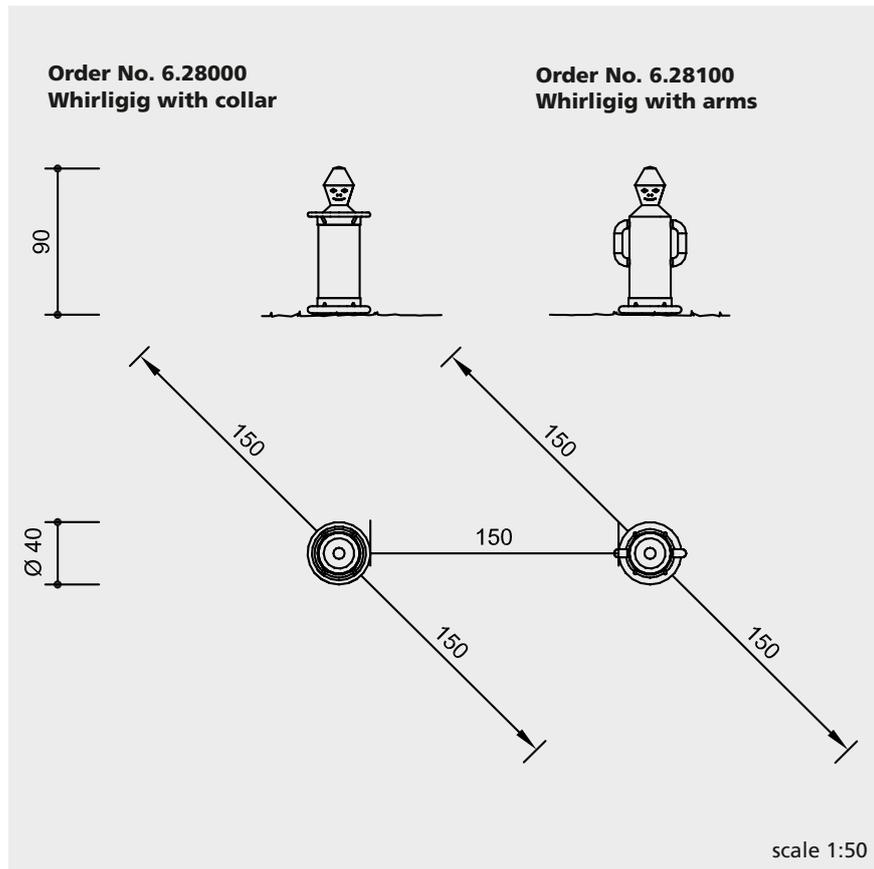
Order No. 6.28100 light blue/blue with arms



6.28000 - 6.28006



6.28100 - 6.28106



Technical information

turning body lathe-turned from one piece of mountain larch, selected according to eight quality criteria

The wood is split in order to dry and screwed back together around a rubber layer, thereby preventing the solid timber from cracking.

all visible metal parts made of stainless steel

with double polyamide bearings

solvent-free acrylic paints are used for colouring; the wood is painted in a way which allows the structure of the wood to remain clearly visible

Dimensions

(small deviations possible)

height	0.90 m
diameter	0.40 m
weight approx.	160 kg

Safety check according to EN 1176

Components

- 1 Whirligig
- 1 pre-fabricated concrete foundation

Installation information

Surfacing requirements corresponding to a fall height of < 0.60 m (please refer to price list for more detailed information)

Foundations
excavation for pre-fabricated foundation approx. Ø 1.00 x 0.45 m
For installation in loose material, e.g. sand, an additional anchorage in concrete is necessary on-site.

Recommendation

When installed in loose ground, the pre-fabricated concrete foundation should be covered durably, e.g. with safety tiles.

Attention!

Exact measurements may vary, for all installation dimensions refer to current installation instructions.

Subject to technical changes!



6.28000 - 6.28006



6.28100 - 6.28106

Play value

This friendly swing equipment is especially fun for two. Children can swing each other and talk in relaxed pose, almost like in a hammock. More energetic swinging is also possible however, and the unusual lying posture when swinging, increases the pleasure. Thanks to additional transverse webs made from rope, the Double Hammock Seat is also suitable for use in nursery schools. The Quadro Hammock Seat is an amusing alternative offering the possibility of additional play opportunities.



Fundamental characteristics

- unique and original
- by the special geometry, furious swinging is not possible
- incentive for playing: relaxed position
- movement: swaying, swinging

Suitable

- for children from 4 years
- for public playgrounds
- children's institutions
- school playgrounds
- sport and leisure areas

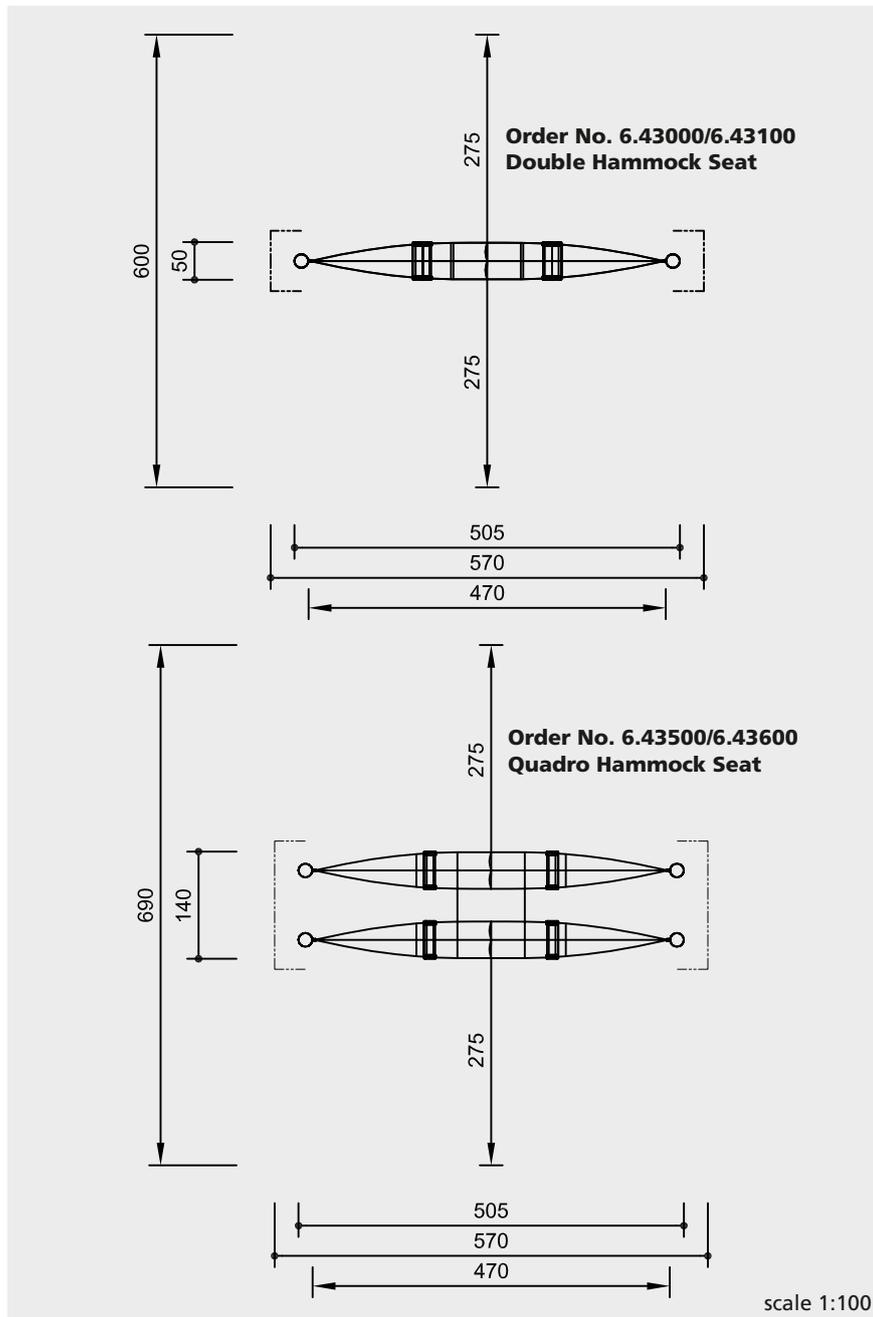
**Double Hammock Seat
Quadro Hammock Seat**



6.43000/6.43100



6.43500/6.43600



Safety check according to EN 1176

Components

**Order No. 6.43000/6.43100
Double Hammock Seat**

2 support posts
1 rope structure with 2 integrated swing seats (**Order No. 6.43100** with smaller mesh size, suited for smaller children)

**Order No. 6.43500/6.43600
Quadro Hammock Seat**

4 support posts
2 connected rope structures with each 2 integrated swing seats (**Order No. 6.43600** with smaller mesh size, suited for smaller children)



6.43000/6.43100



6.43500/6.43600

Installation information

Surfacing requirements corresponding to a fall height of 1.00 m (please refer to price list for more detailed information)

Foundations

Order No. 6.43000/6.43100

2 items 80 x 80 x 60 cm, excavation 80 cm

Order No. 6.43500/6.43600

2 items 80 x 170 x 60 cm, excavation 80 cm

Attention:

Exact measurements may vary, for all installation dimensions refer to current installation instructions.

Technical changes reserved.

Equipment also available with steel feet.

For Double Hammock Seat for soft grounds please refer to **Order No. 6.43050** and for Quadro Hammock Seat for soft grounds please refer to **Order No. 6.43550** in the price list.

Technical information

de-barked

de-barked posts, Ø 18 - 21 cm, of spruce/fir, boiler pressure impregnated according to DIN 68800, hazards class 4



angle cut

vertical support posts with angle cut in the end grain section as constructive wood preservation



perforated

the earth/air zone of the wood is perforated by small bore holes to ensure that the impregnating agent penetrates this particularly endangered zone



Corocord®rope

special ropes of „Hercules“ type
rope structure of six-strand Corocord® rope of the special „Hercules“ type, abrasion protected through heating of the six steel strands and melting the polyamide sleeve onto them



aluminium swages

double-conical aluminium swages with rounded-off ends



S-clamps

neatly rounded Corocord®S clamps made of stainless steel, Ø 8 mm



rubber seat

2 or 4 integrated rubber seats with anatomically correct shape, strong profiled steel insert and soft shock absorbing edge



universal joint

drop-forged and hot-dip galvanised joint yoke; the universal joint insert consists of two swing bearings



adjustable

no projecting threads after re-tightening due to two-piece bolt connection and therefore easy to maintain



brass bush

for all to and fro movements we use bush bearings which allow for self-lubrication while in use and which can be easily exchanged in case of need



Dimensions

(small deviations possible)

Order No.	6.43000	6.43500
height	2.35 m	2.35 m
width	5.05 m	5.05 m
depth	0.50 m	1.40 m
weight approx.	145 kg	300 kg

For more detailed explanation of the quality characteristics see price list.

Play value

Climbing Structures made from hand-processed irregular round logs, can be integrated into a strongly nature-oriented environment due to their formal expressive character. Many children can play within a small space; Climbing Structures can even absorb the arrival of a large number of children who wish to play on it and incorporate all of them within a flowing play rhythm. Climbing Structures do not only allow for climbing, experiencing height, and for having a sensual experience with hands and feet, but they can also be used as a nice seat for relaxing and observing.



Fundamental characteristics

- natural, strong posts
- no pre-determined play procedures, individual mastering
- incentive for playing: strong, challenging construction
- movement: climbing, balancing, doing exercise

Climbing Structure 09

Suitable

- for children from 4 years and young people
- for kindergartens
- schools
- youth centres
- sports grounds
- leisure areas
- parks

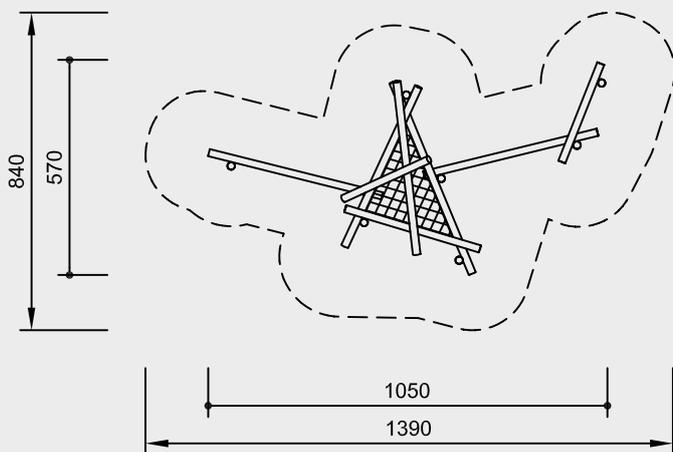
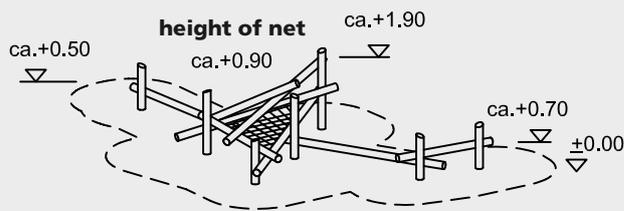
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6.51009

Height details in meters



scale 1:200

Safety check and site inspection according to DIN EN 1176 and 'safety in another way'

Components

- 7 stand posts
- 8 connecting tie beams
- 1 net
- fittings

Dimensions

(small deviations possible)

- length 10.50 m
- width 5.70 m

Installation information

Surfacing requirements corresponding to a fall height of 2.00 m (please refer to price list for more detailed information)

Foundations
7 items 80 x 80 x 60 cm
excavation depth 80 cm

Note

The climbing structure is an individual construction which is only partly pre-assembled in our workshop. Therefore, the installation needs to be carried out by an installation company authorised by us.
Subject to technical changes.

Technical information

posts of robinia, Ø 15 - 21 cm

angle cut

vertical support posts with angle cut in the end grain section as constructive wood preservation



Corocord® rope

special ropes of 'Hercules' type
six-strand Corocord® rope of the special 'Hercules' type, abrasion protected through heating of the six steel strands and melting the polyamide sleeve onto them



aluminium swages

double-conical aluminium swages with rounded-off ends



S clamps

rounded Corocord® S clamps made of stainless steel, Ø 8 mm



concealed head

large surface for pressure distribution, prevents water from getting inside, protects the bolt head



adjustable

no projecting threads after re-tightening due to two-piece bolt connection and therefore easy to maintain

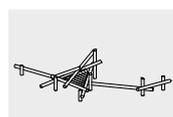


distance fitting

to avoid entrapment of cords



For more detailed explanation of the quality characteristics see price list.



6.51009



Accessories

Seating - tables

The playground is well equipped. Alongside many interesting things to play on there are also various benches and a table arrangement with a table and a bench without a backrest. Two little girls with rucksacks on their backs come through the entrance. They are deep in conversation and pass by the wooden table till they reach a clump of bushes. Together with a wooden animal fence these form the boundary from the play area to the normal path. On the grass area several wooden logs with faces and ears lie or stand, a balancing bar is located in this area as play equipment. The girls quickly hang their jackets over the bears on the fence, pull up two blocks in front of the bar and sit down. The rucksacks are unpacked; quickly the table is set with bread rolls, cookies and sweets, neon-coloured drinking bottles, painting books and cuddly toys. A picnic in the outdoors.

The quality of a playground and its acceptance from the children depend, amongst other things, on the planned infrastructure, but, above all, also on the possibility of creating a "hidden" infrastructure. These are designed by the children themselves according to their needs. In so doing the equipment which is provided is diverted from its intended use and adapted to the special children's world.



Play value

Children love furniture which is provided especially for them. This furniture is used in its original function, and, if required, children use it also as play equipment. Children use to sit down everywhere when they are allowed to; they prefer unusual seating such as the Trunk Seat with face. What they like in particular, is scribbling and painting on all surfaces which are appealing to them. This can be guided somewhat by the installation of a Drawing Board. The impulse „a real board like at school“ is especially appealing for pre-school children.

Fundamental characteristics

- child proportions according to ergonomic requirements
- wooden surface which appeals to the senses
- reduced use of forms

Suitable

- for children from 1 year
- for all playgrounds and leisure areas



**Play Table
Trunk Seat
Drawing Board**

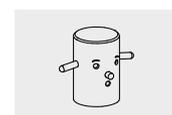


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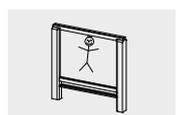
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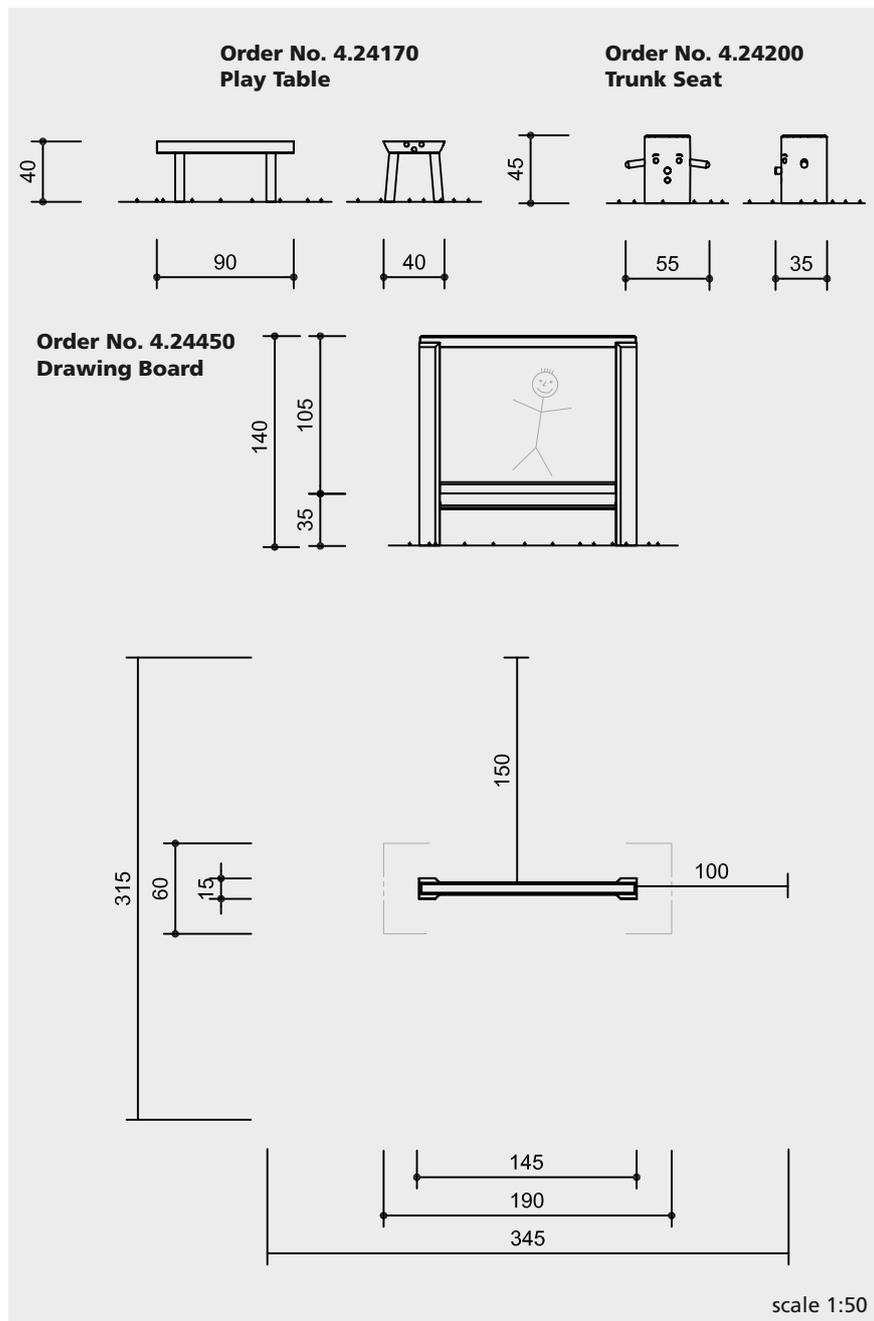
4.24170



4.24200



4.24450



Safety check according to EN 1176

Technical information

**Order No. 4.24170 Play Table
Order No. 4.24200 Trunk Seat**

equipment of mountain larch, selected according to eight quality criteria

de-barked
Trunk Seat de-barked



core-free
Play Table of 10 cm board with naturally shaped edges, core-free, by that formation of cracks can be reduced



Order No. 4.24450 Drawing Board

core-free
support posts of 14/14 cm oak heart-wood, core-free, by that formation of cracks can be reduced



Drawing Board of HPL high-pressure laminated wood, thickness 10 mm

surface mat, colour ultramarine

chalk tray made of stainless steel

Dimensions
(small deviations possible)

Order No. 4.24170 Play Table
length 0.90 m
height 0.40 m
weight approx. 35 kg

Order No. 4.24200 Trunk Seat
diameter 0.35 m
with ears 0.55 m
height 0.45 m
weight approx. 25 kg

Order No. 4.24450 Drawing Board
height 1.40 m
width 1.45 m
drawing surface 1.15 x 0.90 m
weight approx. 100 kg

For more detailed explanation of the quality characteristics see price list.

Components

Order No. 4.24170
1 Play Table

Order No. 4.24200
1 Trunk Seat

Order No. 4.24450
1 Drawing Board with chalk tray
1 package of liquid chalk pens

also available for wall attachment, see **Order No. 4.24460** in the price list

Installation information

Surfacing requirements
no requirements

Foundations
Order No. 4.24450 Drawing Board
2 items 60 x 60 x 60 cm
excavation depth 80 cm

Attention:
Exact measurements may vary, for all installation dimensions refer to current installation instructions.
Technical changes reserved.



4.24170



4.24200



4.24450

Play value

Children love furniture which is provided especially for them. They prefer unusual seating which they can also use for play activities. The Round Table with 8 Benches encourages communication, and, at the same time, it can be the focal point of an outdoor area. A round table, even a small one, encourages common activities. It allows people to look at each other, thus making it easier to develop a community spirit.



Order No. 4.24200 Trunk Seat/Order No. 4.40000 Round Table/4.40050 Stool with Back



Fundamental characteristics

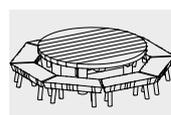
- wooden surface which appeals to the senses
- agreeable design

Suitable

- for older than, but also suitable for children under 3 years
- for all playgrounds and leisure areas

Round Table with 8 Benches

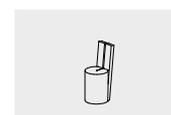
- Round Table**
- Stool with Back**
- Stool without Back**



4.35000



4.40000

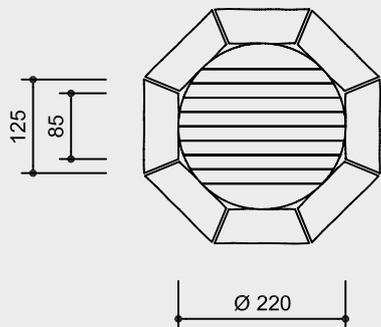


4.40050

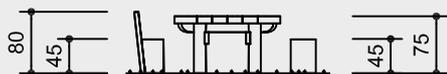


4.40051

Order No. 4.35000
Round Table with
8 Benches



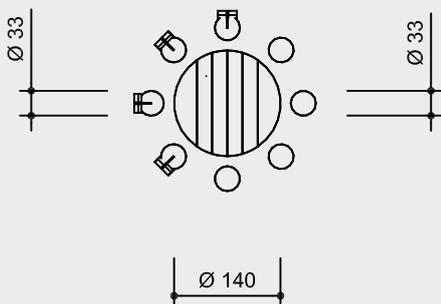
Order No. 4.40000
Round Table



Order No. 4.40050
Stool with Back

Example with 8 Stools

Order No. 4.40051
Stool without Back



scale 1:100

Safety check according to EN 1176

Components

Order No. 4.35000
 1 Round table top
 1 Frame
 8 Benches

Order No. 4.40000
 1 Round table top
 1 Frame

Order No. 4.40050
 1 Stool with Back
 2 foundation irons

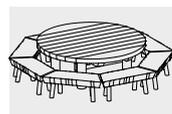
Order No. 4.40051
 1 Stool without Back
 2 foundation irons

Installation information

Surfacing requirements
 no requirements

Foundations
 only necessary to immobilise the
 equipment
 per foundation iron 20 x 20 x 30 cm
 excavation depth 50 cm

Attention:
Exact measurements may vary, for
all installation dimensions refer to
current installation instructions.
 Technical changes reserved.



4.35000



4.40000



4.40050



4.40051

Technical information

all equipment of mountain larch, selected according to eight quality criteria

de-barked
 stools de-barked



core-free
 sawn-timbers are core-free, measurements refer to wood before planing



table tops of 10 cm thick boards, connected by additional hardwood tongue boards

foundation irons of the stools hot-dip galvanised

Dimensions
 (small deviations possible)

Order No. 4.35000
Round Table with 8 Benches
 Table diameter 2.20 m
 height 0.75 m
 Bench length 1.25 m
 height 0.45 m
 weight approx. 650 kg

Order No. 4.40000 Round Table
 diameter 1.40 m
 height 0.80 m
 weight approx. 175 kg

Order No. 4.40050 Stool with Back
Order No. 4.40051 Stool without Back
 diameter 0.33 m
 height 0.45 m
 weight approx. 20/30 kg

For more detailed explanation of the quality characteristics see price list.

Play value

These sitting steps can be used to round off a play area for small children. Here, it is possible to relax or to climb. The steps can also be used to display material; they can serve as a bakery or as a seat for small children as well as for adults. The sitting steps are also suitable as a meeting place for a group which can sing or play together. It can also be used as alternative seating for older children.



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Design and Copyright

Fundamental characteristics

- child proportions according to ergonomic requirements
- agreeable design
- movement: sitting, jumping
- incentive for playing: surface for displaying material, playing together

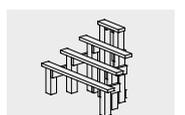
Suitable

- for children from 3 years
- for public playgrounds
- playgrounds near houses
- children's homes
- school playgrounds

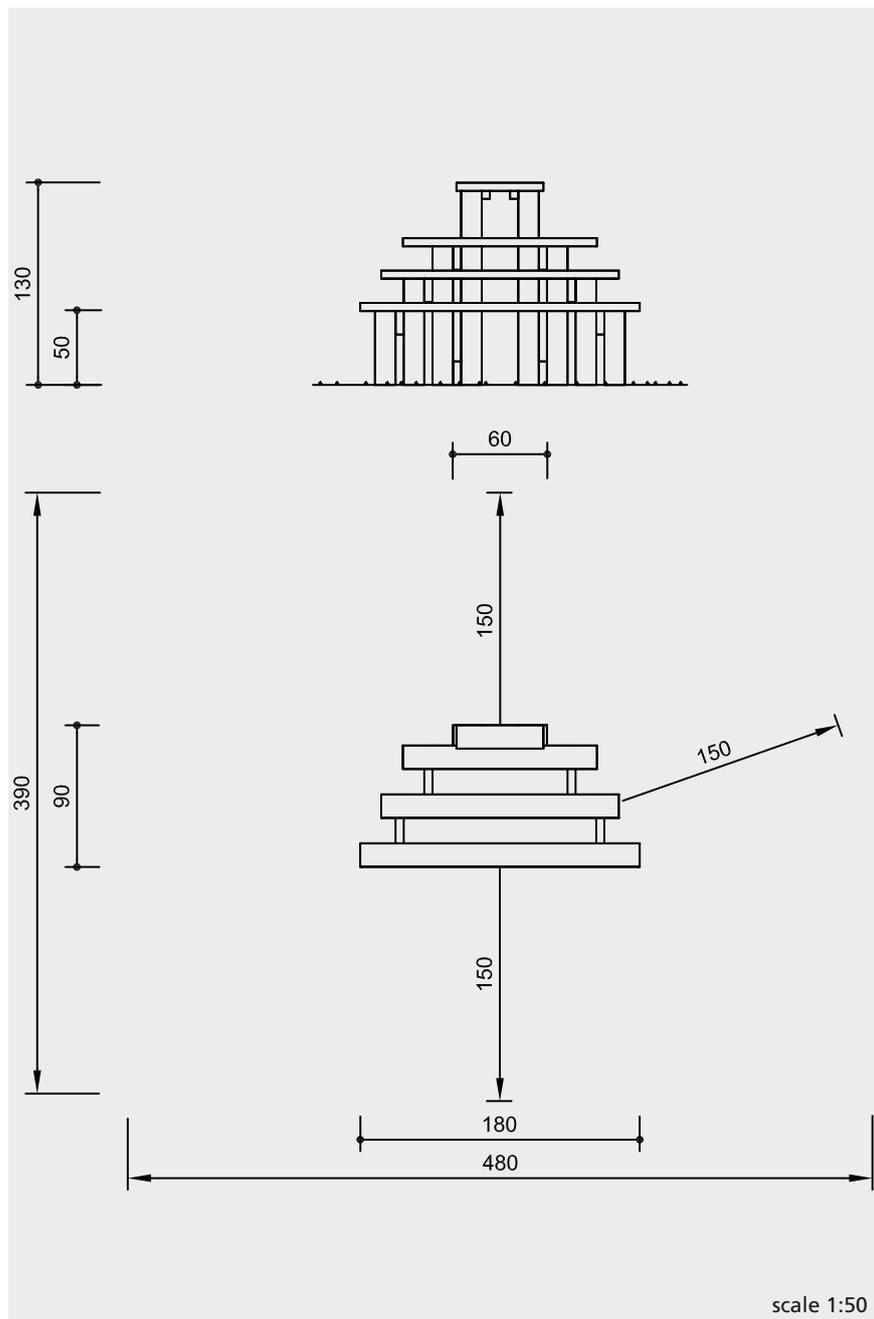
Note

The picture doesn't show the recent design, see back sheet!

Sitting Steps



4.40870



Safety check according to EN 1176

Components

- 1 Sitting Steps
- 3 foundation irons

Installation information

Surfacing requirements corresponding to a fall height of 1.30 m (please refer to price list for more detailed information)

Foundations
3 items 50 x 50 x 30 cm
excavation depth 50 cm

Attention:
Exact measurements may vary, for all installation dimensions refer to current installation instructions.
Technical changes reserved.

Technical information

Equipment of mountain larch, selected according to eight quality criteria

core-free
sawn-timbers core-free, by that formation of cracks can be reduced



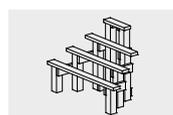
foundation irons hot-dip galvanised

Dimensions

(small deviations possible)

height	1.30 m
width	1.80 m
depth	0.90 m
weight approx.	170 kg

For more detailed explanation of the quality characteristics see price list.



4.40870

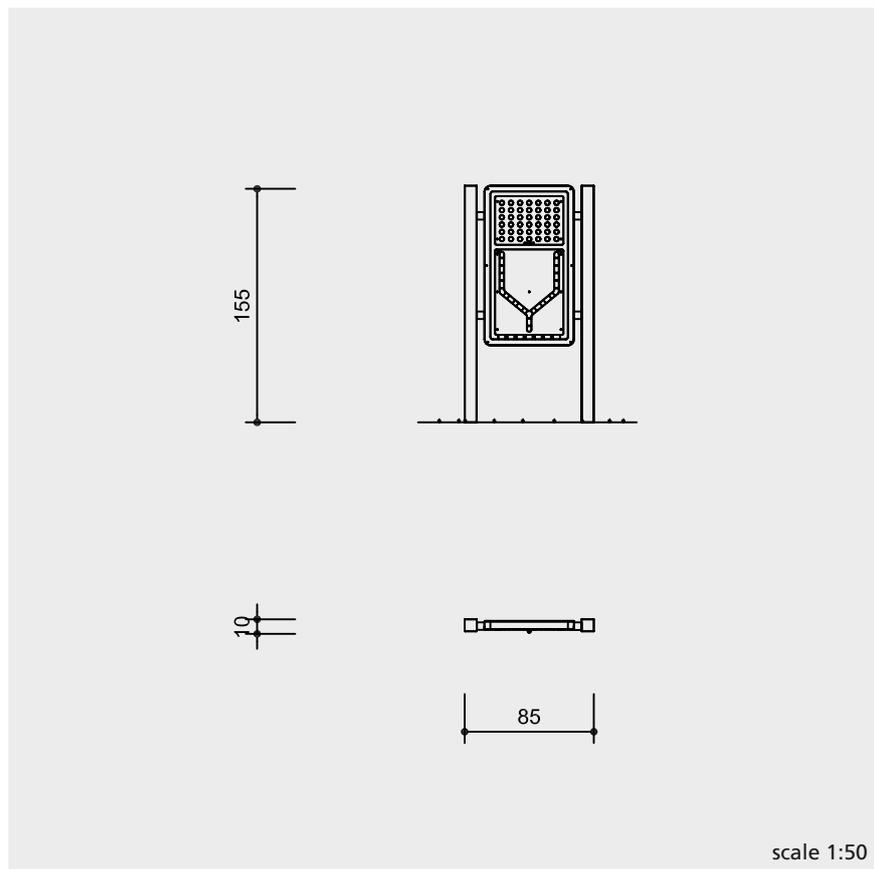


Operation and Play Value

Four in a row promotes logical thinking and strategic acting. It is played on a vertical, hollow playing field where the players can take turns to move their playing tokens but cannot remove them. The playing field consists of seven vertical columns and six horizontal rows. Each player has 21 playing tokens of the same colour. The player drops a playing token into a column, where it occupies the lowest available free space in the column. The player who first manages to line up at least four of their tokens horizontally, vertically or diagonally is the winner. If the playing field is completely filled in without either of the players managing to create a row of four, the game is called a draw.

Four in a row





Technical information

equipment made of matt finished/glass bead-blasted stainless steel

playing field made of black coloured-through castor oil-based PUR plastic

red and blue playing tokens

Dimensions

(small deviations possible)

height	1.55 m
width	0.85 m
depth	0.10 m
playfield	1.00 x 0.60 m
stand posts	80 x 80 mm

weight approx. 80 kg

Safety

This equipment is not playground equipment within the scope of EN 1176 and therefore is also not subject to the requirements of this standard. However, it is complied with where appropriate.

Components

1 outer frame with playing field and magazine with 21 playing tokens of each colour

Installation information

Surfacing requirements
no requirements

Recommended space
including safety distances
3.00 x 1.50 m

Foundations
2 items 50 x 50 x 40 cm
excavation depth 60 cm

Attention!
Exact measurements may vary, for all installation dimensions refer to current assembly instructions.
We reserve the right to make technical alterations!



9.15000

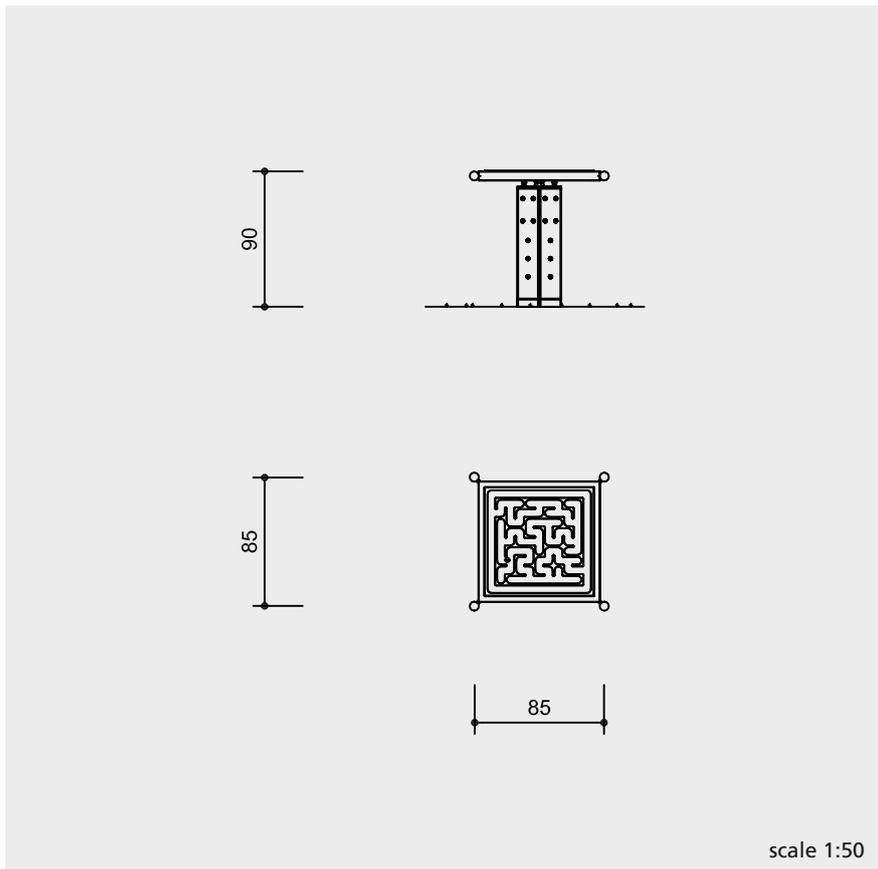


Operation and Play Value

The rules of the Ball Labyrinth are simple. The round handles are used to tip the playing table to make the ball roll in the corresponding direction. The goal is to get the ball in the middle. Alongside the fun factor, the Ball Labyrinth is a very good training for dexterity and patience, two skills particularly important for children and senior citizens. It is impossible to achieve success at this game without concentration and perfect coordination.

Ball Labyrinth





Technical information

play table mounted in universal joints, rubber buffers, covered with safety glass panel

sandwich construction frame, oiled, non-positive fitting

core-free timber

cut timber of mountain larch, selected according to eight quality criteria, core-free thus decreasing the occurrence of cracking



adjustable

no projecting threads after re-tightening due to two-piece bolt connection and therefore easy to maintain



housing made of stainless steel

guide plate for sphere made of plastic

handle balls made of polyamide

ground anchor

foundation anchor made of phenol resin paper based laminate



Dimensions

(small deviations possible)

height	0.90 m
width	0.85 m
length	0.85 m
play area	0.72 x 0.72 m
safety glass panel thickness	10 mm
weight approx.	100 kg

Safety

This equipment is not playground equipment within the scope of EN 1176 and therefore is also not subject to the requirements of this standard. However, it is complied with where appropriate.

For more detailed explanation of the quality characteristics see price list.

Components

- 1 ball labyrinth
- support post with 4 foundation anchors

Installation information

Surfacing requirements
no requirements

Recommended space including safety distances
2.90 x 2.90 m

Foundations
1 item 60 x 70 x 40 cm
excavation depth 60 cm

Attention!
Exact measurements may vary, for all installation dimensions refer to current assembly instructions.
We reserve the right to make technical alterations!



9.15100



Function and Play Value

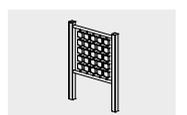
This memory game, suitable for outdoors, is a well-known brain teaser. The aim of the game is to find matching pairs of cards, which promotes memory skills. Two players take turns to turn around two wooden tiles with pictures of animals on the back. If the two pictures do not match, they must be turned back around. This is continued until a pair is found. The player who has collected the most pairs at the end is the winner.



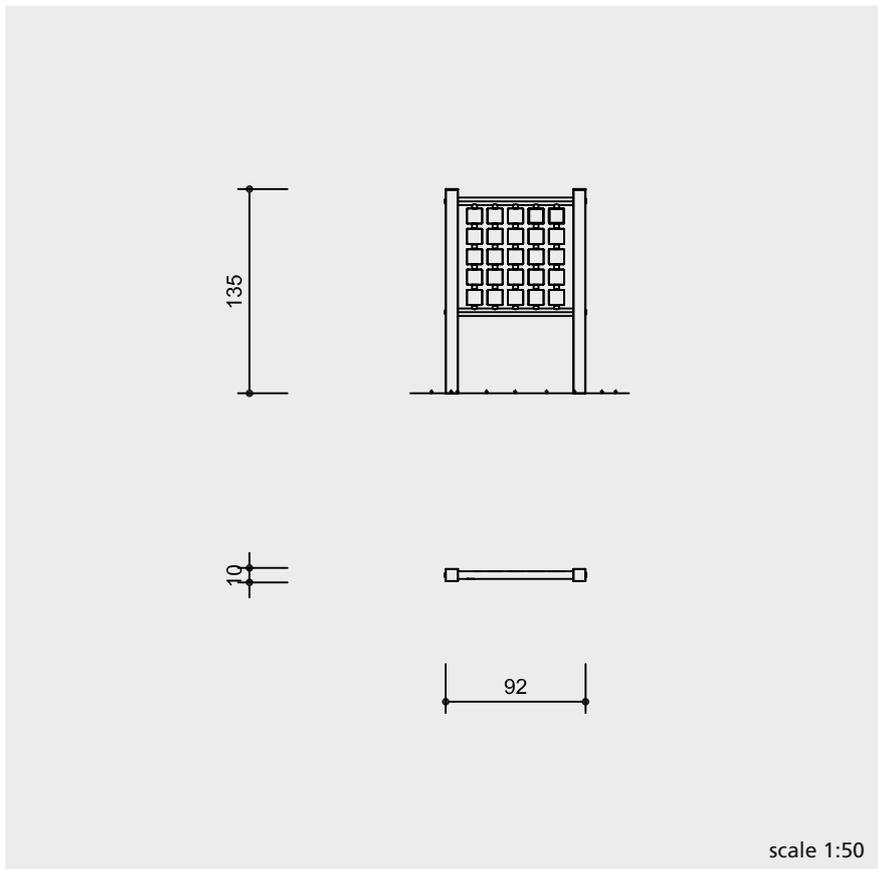
Pairs

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Design F. J. Wagner



9.15200



Technical information

12 pairs of turnable timber pieces made of lubricated mountain larch with animal theme on one side, mounted in sliding bushes

animal themes made of laser-cut matt finished/glass bead-blasted stainless steel

play area fastened to two stainless steel posts

Dimensions

(small deviations possible)

height 1.35 m
width 0.92 m
depth 0.10 m
play area 0.70 x 0.70 m

weight approx. 45 kg

Safety

This equipment is not playground equipment within the scope of EN 1176 and therefore is also not subject to the requirements of this standard. However, it is complied with where appropriate.

Components

1 frame with panel

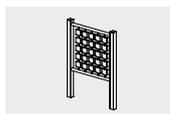
Installation information

Surfacing requirements
no requirements

Recommended space
including safety distances
3.00 x 2.00 m

Foundations
2 items 40 x 40 x 40 cm
excavation depth 60 cm

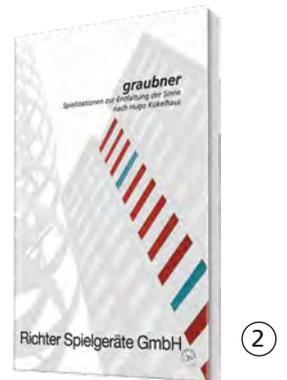
Attention!
Exact measurements may vary, for all installation dimensions refer to current assembly instructions.
We reserve the right to make technical alterations!



9.15200



①



②



③



④



⑤



⑥

Do you want to know more about us?

Theme catalogues:

- ① Acoustic and Play
- ② *graubner* Play Stations for Developing the Senses
- ③ Water and Play
- ④ Movement by Climbing
- ⑤ Growing Older
- ⑥ For the *Very Young*

Please ask for our information materials. We look forward to hearing from you.

