



Child at Play

Richter Spielgeräte GmbH



The Child at Play

The 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 wellbalanced, 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 is trained. Play warms the heart and promotes the development of social skills. 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 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, kindergartens, day-care centres and public playgrounds.

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 portfolio. Thereafter, like all of our other products, 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, April 2020

Richter Spielgeräte GmbH

Simsseestraße 29

83 112 Frasdorf

Germany

Telefon + 49 - 80 52 - 1 79 80

Fax + 49 - 80 52 - 41 80

www.richter-spielgeraete.de

info@richter-spielgeraete.de

Photos:

© Barbara Evripidou

© Daniel Perales

© Paul Upward

Contents

Contents

Quality Criteria

Buildings

Page 7	Triangular Huts
9	Platform Huts
11	Hexagonal Huts
13 - 18	Hut Combinations · Tower Combinations
19 - 24	Play Houses
25	House Group A
27 - 30	Platform Houses
31	Bird Frieda
33	Fish Berta

Animals and Vehicles

37	Big Chicken with Net
39	Big Fish
41	Chicken · Fish
43	Swinging Horse
45	Snail Queen
47 - 50	Animal Families
51	Sheep
53	Snail
55	Wobbly Sheep · Wild Boar · Wobbly Calf
57 - 60	Stroking Stones
61	Horse · „Peter“ Horse-cart
63	Tractor · Trailer for Tractor
65	Big Railway
67	RIKO Railway

Sand and Water

71	Sand Box · Awning
73	Sand Snake
75 - 82	Caterpillar
83 - 90	Building Sites
91	Sand Transport System
93	Small Building Site
95 - 98	Single elements for water play made of wood
99 - 102	Single elements for water play made of stainless steel
103 - 108	Playground Pump · Crank Handle Pumps
109	Mobile Water Playground
111	Excavator

Movement

115 - 118	Slides made of stainless steel
119	Toddler's Swing
121 - 124	Multi-surface Swings
125 - 128	Cradle Nest
129	Bouncing Flower
131	Small See-saw
133	See-saws
135	Roundabout
137	Medium and Large Spinner
139	Turntable · Small Carousel
141	Turning Tyre
143	Wobble Dish
145	Rocking Ship
147	Sailing Boat
149	Whirligig
151	Double Hammock Seat · Quadro Hammock Seat
153	Climbing Structure 09
155	Climbing Loom

Additional Equipment

159	Drawing Board
161	Play Table · Trunk Seat · Toddlers-Table
163	Round Table
165	Four in a row
167	Pairs

Explanation of following icons



Videos

You can find videos on our website for the equipment marked with this icon.



Young People

The equipment marked with this icon is also especially suited for young people.



Inclusion

The equipment marked with this symbol is barrier-free accessible and especially suitable for integrative playspaces.



Quality Criteria

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



Peeled white

Palisades peeled white means that bark, cambium and sapwood are removed, the natural shape of the trunk is preserved and can be experienced



Bevel cut

Vertical stand posts with bevelled end grain section as constructive wood preservation measure



Perforated

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



Fürstenberg Permador System

In special cases we use the patented Fürstenberg Permador System as an additional protection against rot



Core-free

Sawn-timbers core-free, thus decreasing occurrences of cracking and undesired changes in shape



Claddings

Claddings made of mountain larch (4 – 5 cm) and spruce / fir (3 – 5 cm). Peeled white by hand, natural tree surface remains tangible and perceptible



Tongue and groove

Tongue and groove planks made of 4 cm solid wood, highly resilient, no trickling of dust / sand, protection against direct rain



Laminated wood beams

Laminated wood beams made of non-impregnated larch, glued according to EN 14080:2013; for very large timber cross-sections; comparatively low shrinkage, almost completely free of cracks



Hardwood rungs

Climbing rungs made of hardwood (ash) Ø 4.2 cm, milled and mortised, secured against twisting, easy to grip and not cold for children to touch



Plywood

Plywood made of mountain larch, three-layer (3 cm), five-layer (4 cm). High dimensional stability, waterproof, glued according to DIN EN 13353:2011



One-piece construction

Total construction of the slide made of 2 mm stainless steel, drawn in box form, surface glass bead blasted, without welding seam between sliding surface and side cheek



Swing seat

Ergonomically shaped swing seat made of rubber with soft shock absorbing edge. Durable due to strong profiled steel insert



Pendulum seat

Pendulum seat with a large rubber surface. Soft, protective edge and steel insert



Impact absorbing

The anti-slip swing platform is covered by a special tyre-like element for impact absorption



Richter Hercules type rope

Richter Hercules type rope, a combination of galvanised six-strand steel cables and polyester yarn, diameter > 20 mm, laid and glued with very good abrasion resistance, strong sheathing even in the case of damage by puncturing



Hercules type rope

Hercules type rope for spliced net connections, a combination of steel and polyester or polyamide yarn for the sleeve, abrasion-protected, 4 or 6 strands



Aluminium rope pressing

Aluminium rope pressing, cylindrically pressed, with rounded ends



S-connectors

S-connectors Ø 8.1 mm, made of high-quality stainless steel, rounded



Swing joint

Drop-forged, hot-dip galvanised swing joint with sintered bush and integrated swivel



Universal joint

Drop-forged, hot-dip galvanised universal joint, consists of two sintered bushes, for free swinging in any direction



Rotating rope connection

Rotatable fitting without dangerous openings, with sintered bush with integrated swivel to ensure the rope untwists



Rope connection fixed

Fixed rope connection without dangerous openings. Screw connection adjustable and countersunk in the wood



Rope connection with joint

Close-fitting connection with joint, without dangerous openings, with sintered bush and adjustable screw connection



Ball joint rope connection

Close-fitting rope connection with ball joint, without dangerous openings for free swinging in any direction, rotatable suspension with combination of plain bearings and roller bearings, adjustable screw connection



Double rope connection

Connection for complicated swing and swivel motion



Profiled washer

Profiled washer for covering protruding screw heads according to standard, improved pressure distribution and protection against water. Impedes loosening the bolt



Adjustable

Adjustable two-piece bolt connection, easy to maintain, no projecting threads



Interlocking

Interlocking connection, with milled metal rings or serrated disc dowels, to reinforce the bolt connection under high loads transverse to the grain direction of the wood



End grain connector

End grain connector as special fitting for the adjustable connection of horizontal and vertical timber



Sintered bush

For all reciprocating movements we use sintered plain bearings which are self-lubricating in use and can easily be exchanged if necessary



Steel reinforced rubber belt

Two-way steel reinforced rubber belt, total thickness approx. 11 mm, nearly indestructible



Large gated cableway

The large gated cableway covers the required safety distances. The cableway carriage comes to a smooth stop due to the difference in height of the gates and the cable slack



Tensioning device

Tensioning device enables one person to release and re-tension. Large winch radius and anti-kink function protect the rope



Cableway carriage

Our cableway carriage is designed as a sandwich construction. The „encapsulated“ running mechanism ensures quiet operation. The installation of the carriage is possible without dismantling the rope



Special steel cable

High density steel cable made of high-strength and hot-dip galvanized wire. Stable in length, durable and allows a smooth ride of the cableway carriage



Ground anchor

All parts used for anchoring to the ground are made of hot-dip galvanised steel or stainless steel



HPL ground anchor

Foundation anchor made of phenol resin paper-based laminates



Cross beam made of steel

Swing cross beam made of hot-dip galvanized steel. Optimized swing geometry with rigid corner connections, thus allowing for smaller foundations and easier foundation covering



Chains

Chains made of hot-dip galvanized steel (1.4301 / 1.4571 at extra charge) welded before galvanising, short-linked, without eyelets on the connecting parts, easy to exchange and shorten



Distance fitting

Screw connection with distance fitting to avoid entrapment areas



Relief cut

Targeted relief cut as an effective measure against cracks caused by drying. The cut defines the position of the stress equalization in the trunk and minimises natural cracking



Roller bearings

Roller bearings made of stainless steel for rotating elements, easy to maintain and exchange, sealed



Fastening of nets

Fastening of net by means of adjustable stainless steel chain fixation, easy assembly and maintenance

Richter Wood Quality Criteria for Larch Wood

Origin

Exclusive use of mountain larch (bot. *larix decidua*) from the Alps. It grows 800 - 1800 m above sea level and comes from sustainable forestries. Our wood is PEFC certified according to CFCs 2002:2013/PEFC D 1003:2013. This certificate confirms that the sawn and round timber that is produced and sawn comes from sustainable forestry. Further information can be viewed on our website.

According to an official ranking, larch is a moderately rot-resistant type of wood - considerably less durable than 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 800 m above sea level. Therefore, it has considerably better wood physical properties (and thus should actually be called *larix decidua montania*).

This advantages of this mountain grown larch are considerable:

- Less resin galls
- Less splinters
- Closer year rings
- Higher stability and predominantly 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

According to our wood quality criteria, timbers of mountain larch are delivered almost sapwood free.

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 around 15 - 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.



Promoting
Sustainable Forest
Management
www.pefc.org



Buildings



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

Recommended for

- Kindergarten children
- Supervised play areas such as kindergartens, schools, after-school programmes or similar
- Public play areas such as kindergartens, schools, after-school programmes or similar



Order No. 3.12300 Triangular Hut



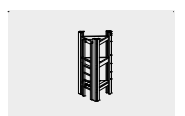
Order No. 3.12300 Triangular Hut

Huts for combination

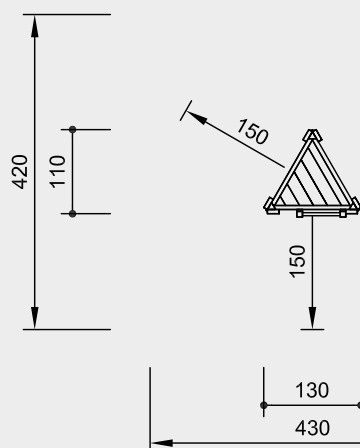
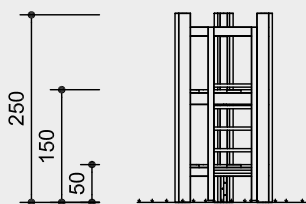
Small Triangular Hut
Triangular Hut



3.12100



3.12300

Order No. 3.12100
Small Triangular Hut

Order No. 3.12300
Triangular Hut


Scale 1:100

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 not impregnated mountain
larch

Core-free

Sawn-timbers core-free, thus decreasing
occurrences of cracking and undesired
changes in shape

Tongue and groove

Tongue and groove planks made of 4 cm
solid wood, highly resilient, no trickling
of dust / sand, protection against direct
rain

Hardwood rungs

Climbing rungs made of hardwood (ash)
 $\varnothing 4.2$ cm, milled and mortised, secured
against twisting, easy to grip and not
cold for children to touch

Adjustable

Adjustable two-piece bolt
connection, easy to maintain, no
projecting threads

Ground anchor

All parts used for anchoring to the
ground are made of hot-dip galvanised
steel or stainless steel

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

Order No. 3.12100
Small Triangular Hut

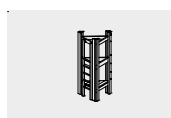
Height	2.00 m
Floor height	1.00 m
Side length	1.30 m
Weight	190 kg

Order No. 3.12300
Triangular Hut

Height	2.50 m
Floor heights	0.50 m
	1.50 m
Side length	1.30 m
Weight	240 kg



3.12100



3.12300



Order No 3.14300 Platform Hut with roof

Play value

Without any combination equipment, the Platform Huts are first and foremost a creative offer for family and other role-playing games that take place on one or two levels. Complemented by a roof, the Platform Hut offers two protected rooms in which children will feel sheltered. The roof is suitable for attaching a climbing rope. The Platform Hut may also be combined with a slide, a sand play centre or other attractive equipment in order to create a small but versatile "playground" in a small space.

Fundamental characteristics

- Child-oriented dimensions according to ergonomic knowledge
- One or two play levels
- Natural wooden surface which appeals to the senses
- Flexible base elements with numerous combination possibilities
- Incentive for playing: role-playing games in cosy little rooms
- Movement: climbing

Recommended for

- Kindergarten children
- Supervised play areas such as kindergartens, schools, after-school programmes or similar
- Public play areas such as kindergartens, schools, after-school programmes or similar



Order No. 3.13100 Platform Hut


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

Huts for combination

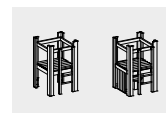
Platform Hut
Platform Hut with roof

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



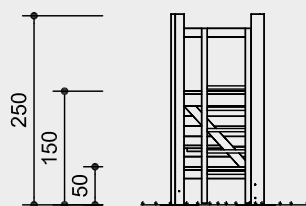
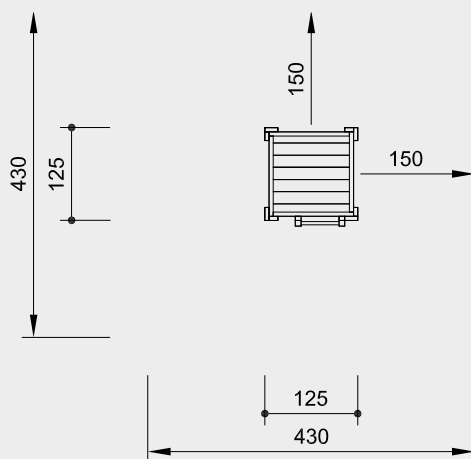
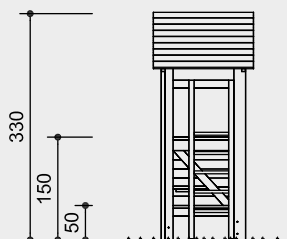
3.13100 / 3.13300

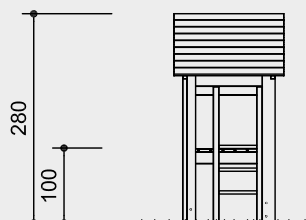


3.14100 / 3.14150



3.14300 / 3.14350

Order No. 3.13100
Platform Hut

Order No. 3.13300
Platform Hut with roof

Order No. 3.14100 / 3.14150
Small Platform Hut

Order No. 3.14300 / 3.14350
Small Platform Hut with roof


Scale 1:100

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 above, but in
addition with 2 roof sections

Order No 3.14100
Small Platform Hut

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

Order No. 3.14150 as above, but in
addition with 2 walls, 2 benches,
1 table with steel foot

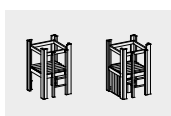
Order No. 3.14300
Small Platform Hut with roof

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

Order No. 3.14350 as above, but in
addition with 2 walls, 2 benches,
1 table with steel foot

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


3.13100 / 3.13300



3.14100 / 3.14150



3.14300 / 3.14350

Technical information

Equipment made of non-impregnated
mountain larch

Core-free

Sawn-timbers core-free, thus decreasing
occurrences of cracking and undesired
changes in shape

Claddings

Claddings made of mountain larch (4 – 5
cm) and spruce / fir (3 – 5 cm). Peeled
white by hand, natural tree surface
remains tangible and perceptible

Tongue and groove

Tongue and groove planks made of 4 cm
solid wood, highly resilient, no trickling
of dust / sand, protection against direct
rain

Hardwood rungs

Climbing rungs made of hardwood (ash)
Ø 4.2 cm, milled and mortised, secured
against twisting, easy to grip and not
cold for children to touch

Adjustable

Adjustable two-piece bolt
connection, easy to maintain, no
projecting threads

Ground anchor

All parts used for anchoring to the
ground are made of hot-dip galvanised
steel or stainless steel

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

(small deviations possible)

Order No 3.13100 / 3.13300
Platform Huts

Height	2.50 m
with roof	3.30 m
Floor heights	0.50 m
	1.50 m
Side length	1.25 m
Weight	230 / 330 kg

Order No. 3.14100 - 3.14350
Small Platform Huts

Height	2.00 m
with roof	2.80 m
Floor height	1.00 m
Side length	1.25 m
Weight	180 - 350 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
Platform Huts

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

Table

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

Play value

Play combinations in 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 parts. 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

Recommended for

- Kindergarten children
- Supervised play areas such as kindergartens, schools, after-school programmes or similar
- Public play areas such as kindergartens, schools, after-school programmes or similar



Order No. 3.15300 Small Hexagonal Hut with roof



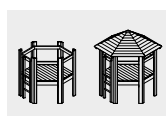
Order No. 3.16350 Hexagonal Hut with roof, 3 walls and 1 bench

Huts for combination

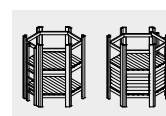
Small Hexagonal Hut
Small Hexagonal Hut with roof

Hexagonal Hut
Hexagonal Hut with 3 walls and 1 bench

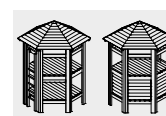
Hexagonal Hut with roof
Hexagonal Hut with roof,
3 walls and 1 bench



3.15100 / 3.15300

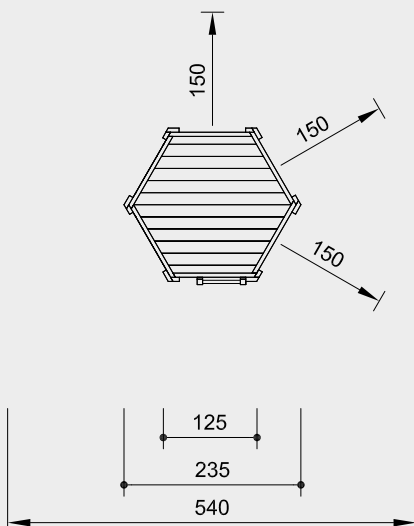
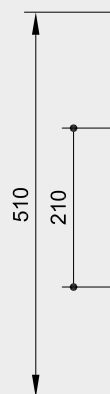
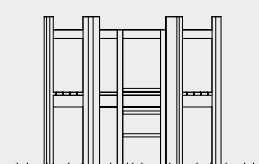
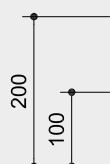


3.16100 / 3.16150

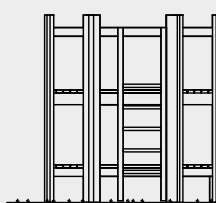
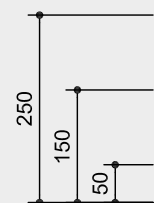


3.16300 / 3.16350

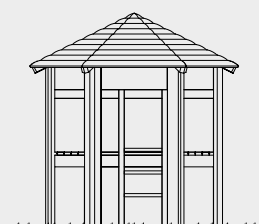
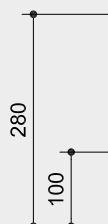
Order No. 3.15100
Small Hexagonal Hut



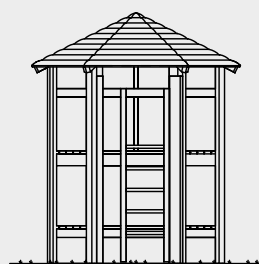
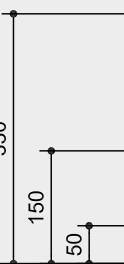
Order No. 3.16100 / 3.16150
Hexagonal Hut



Order No. 3.15300
Small Hexagonal Hut with roof



Order No. 3.16300 / 3.16350
Hexagonal Hut with roof



Scale 1:100

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

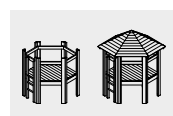
Order No. 3.16150 as before, but in addition with 3 walls and 1 bench

Order No. 3.16300

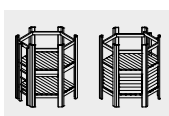
Hexagonal Hut

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

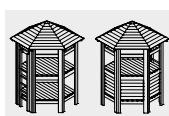
Order No. 3.16350 as before, but in addition with 3 walls and 1 bench



3.15100 / 3.15300



3.16100 / 3.16150



3.16300 / 3.16350

Technical information

Equipment made of non-impregnated mountain larch

Core-free

Sawn-timbers core-free, thus decreasing occurrences of cracking and undesired changes in shape



Claddings

Claddings made of mountain larch (4 – 5 cm) and spruce / fir (3 – 5 cm). Peeled white by hand, natural tree surface remains tangible and perceptible



Tongue and groove

Tongue and groove planks made of 4 cm solid wood, highly resilient, no trickling of dust / sand, protection against direct rain



Hardwood rungs

Climbing rungs made of hardwood (ash) Ø 4.2 cm, milled and mortised, secured against twisting, easy to grip and not cold for children to touch



Adjustable

Adjustable two-piece bolt connection, easy to maintain, no projecting threads



Ground anchor

All parts used for anchoring to the ground are made of hot-dip galvanised steel or stainless steel



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

Dimensions

(small deviations possible)

Order No. 3.15100/3.15300
Small Hexagonal Huts

Height	2.00 m
with roof	2.80 m
Floor height	1.00 m
Side length	1.25 m
Weight	400 / 580 kg

Order No. 3.16100 - 3.16350
Hexagonal Huts

Height	2.50 m
with roof	3.30 m
Floor heights	0.50 m
	1.50 m
Side length	1.25 m
Weight	560 - 840 kg

Installation information

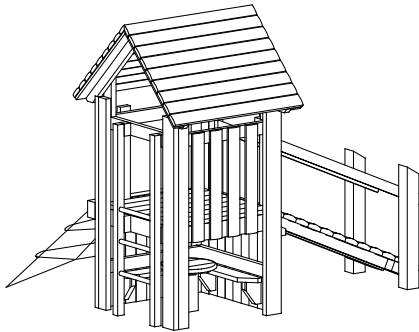
Surfacing requirements corresponding to a fall height of ≤ 1.00 m or ≤ 1.50 m (please refer to pricelist for more detailed information)

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

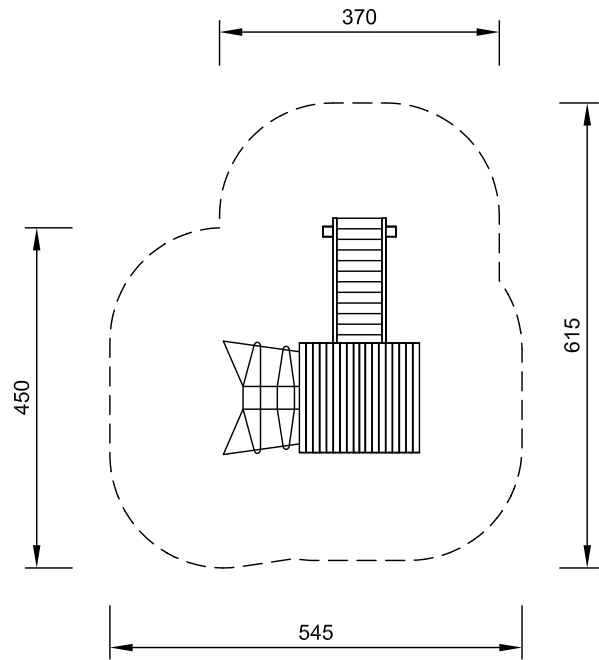
Attention:

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

Order No. 2.12140
Hut combination 214



Components	Order No.
1 Small Platform Hut	3.14350
1 Guarding section	3.13161
1 Inclined Climbing Net	3.69124
1 Bridge 2 m	3.66425
1 Support Frame for Bridge	3.66364
1 End frame	3.66415



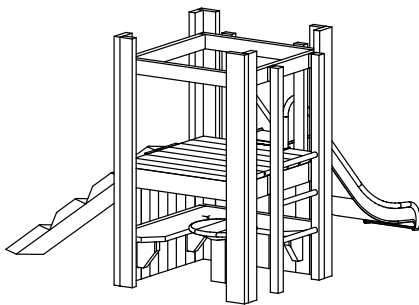
Scale 1:100

Required space incl. safety distances

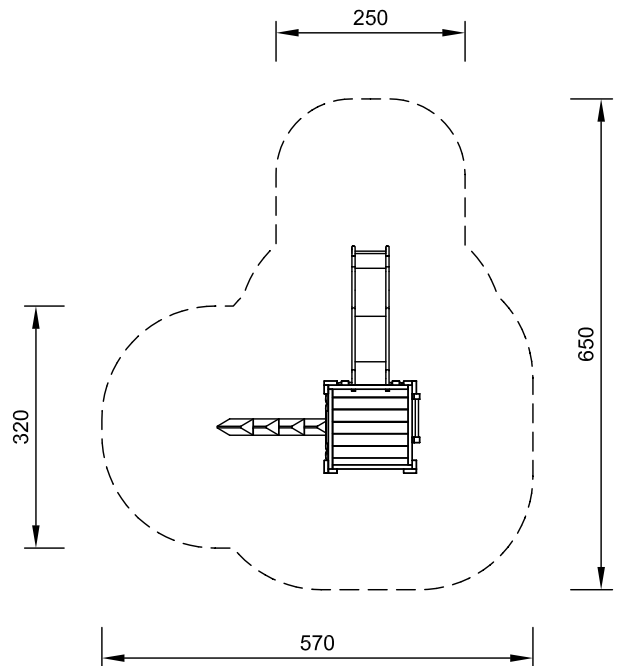
6.15 x 5.45 m

Safety check according to EN 1176

Order No. 2.12155
Hut Combination 2155



Components	Order No.
1 Small Platform Hut	3.14150
1 Climbing Trunk	3.69505
1 Stainless Steel Slide	3.19220



Scale 1:100

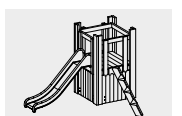
Required space incl. safety distances

6.50 x 5.70 m

Safety check according to EN 1176

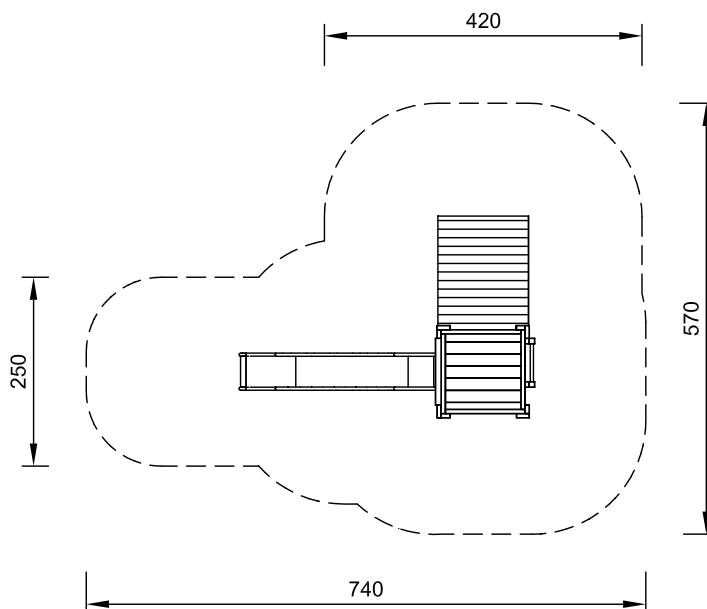
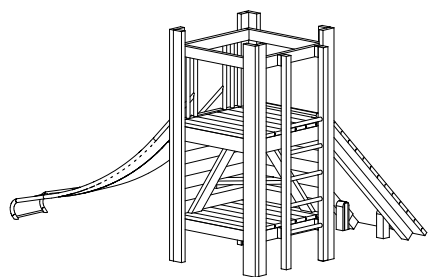


2.12140



2.12155

Order No. 2.12160
Hut Combination 216



Components

Order No.

1 Platform Hut	3.13100
1 Inclined Wall	3.67531
1 Stainless Steel Slide	3.19210

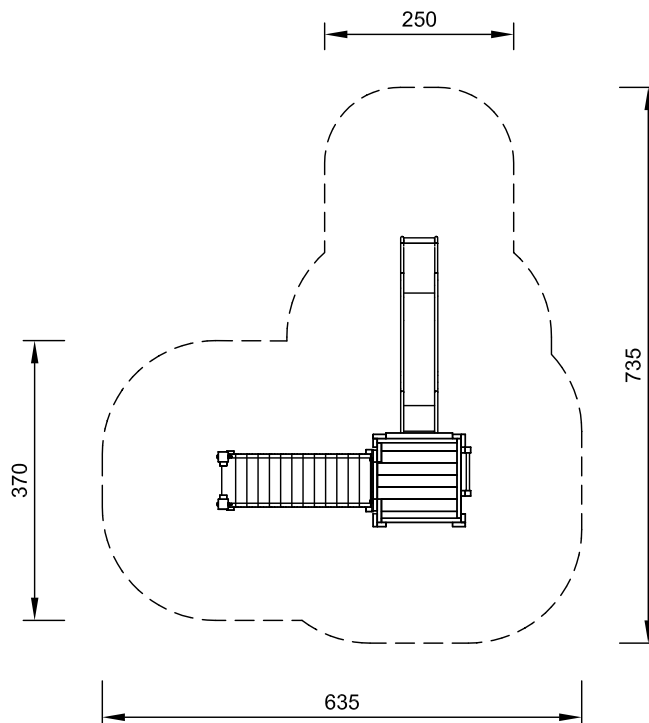
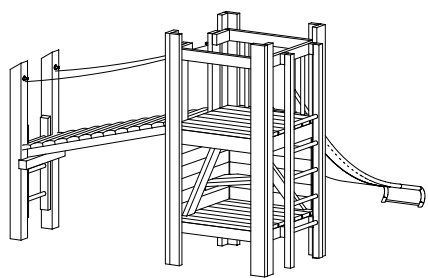
Scale 1:100

Required space incl. safety distances

8.20 x 7.40 m

Safety check according to EN 1176

Order No. 2.12170
Hut Combination 217



Components

Order No.

1 Platform Hut	3.13100
1 Stainless Steel Slide	3.19210
1 Bridge 2.00 m	3.66420
1 Frame for Bridge	3.66360
1 Endframe	3.66382

Scale 1:100

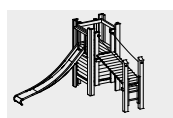
Required space incl. safety distances

7.35 x 6.35 m

Safety check according to EN 1176

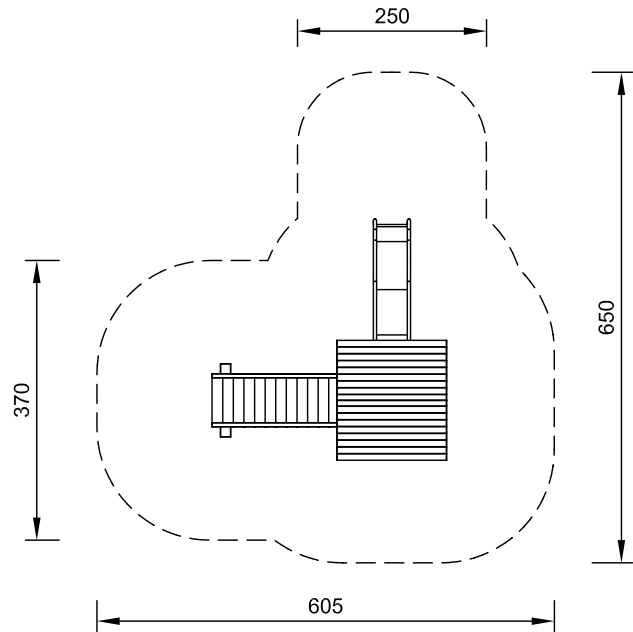
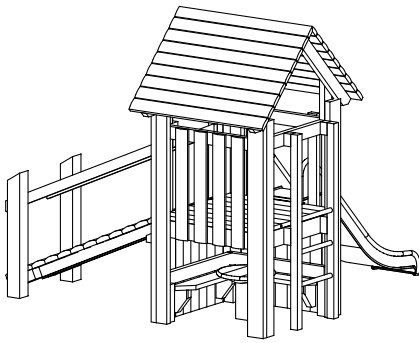


2.12160



2.12170

Order No. 2.13505
Hut Combination 355
 with fittings



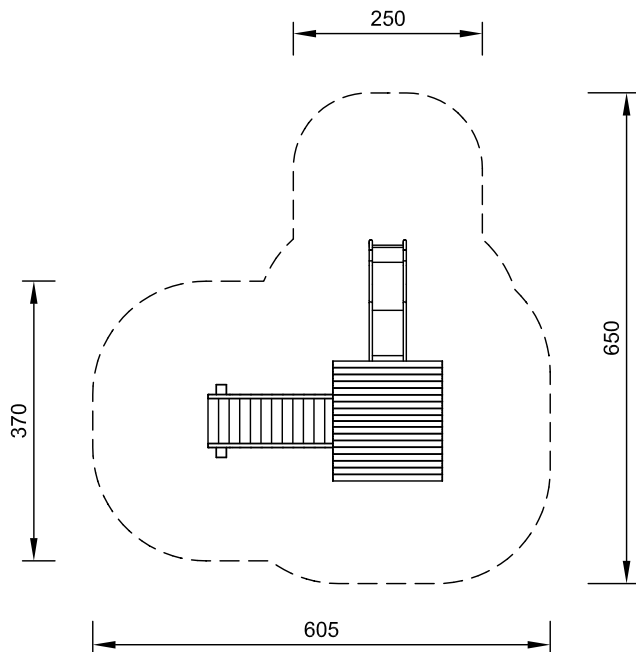
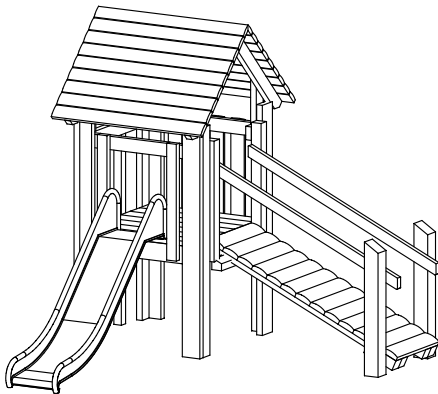
Components	Order No.
1 Small Platform Hut with roof,	3.14350
1 Barrier	3.13161
1 Bridge 2.00 m	3.66425
1 Frame for Bridge	3.66364
1 Endframe for Bridge	3.66415
1 Stainless Steel Slide	3.19220

Scale 1:100

Required space incl. safety distances
 6.50 x 6.05 m

Safety check according to EN 1176

Order No. 2.13515
Hut combination 3515
 without fittings



Components	Order No.
1 Small Platform Hut	3.14300
1 Fall protection	3.13161
1 Bridge 2.00 m	3.66425
1 Frame for Bridge	3.66364
1 End frame for Bridge	3.66415
1 Stainless steel slide	3.19220

Scale 1:100

Required space incl. safety distances
 6.50 x 6.05 m

Safety check according to EN 1176

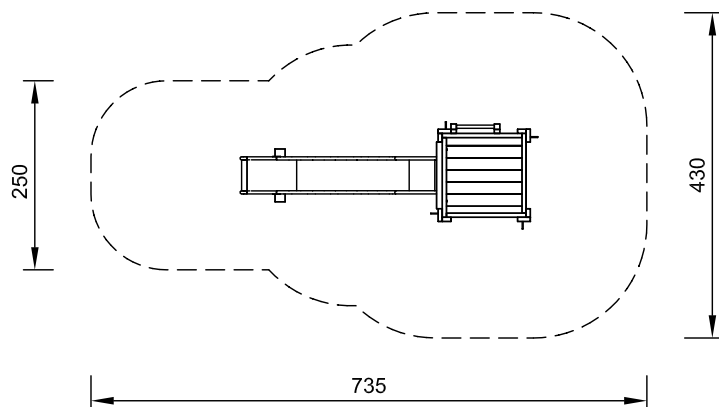
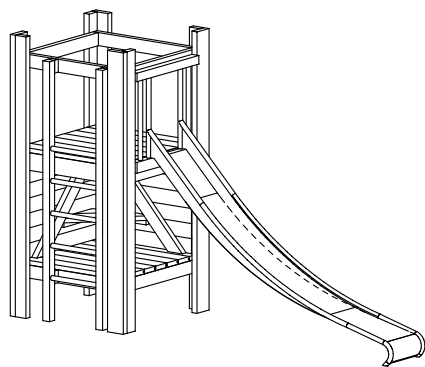


2.13505



2.13515

Order No. 2.13200
Hut Combination 32



Components

1 Platform Hut
1 Stainless Steel Slide

Order No.

3.13100
3.19210

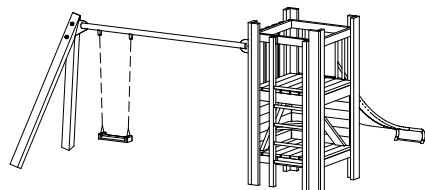
Scale 1:100

Required space incl. safety distances

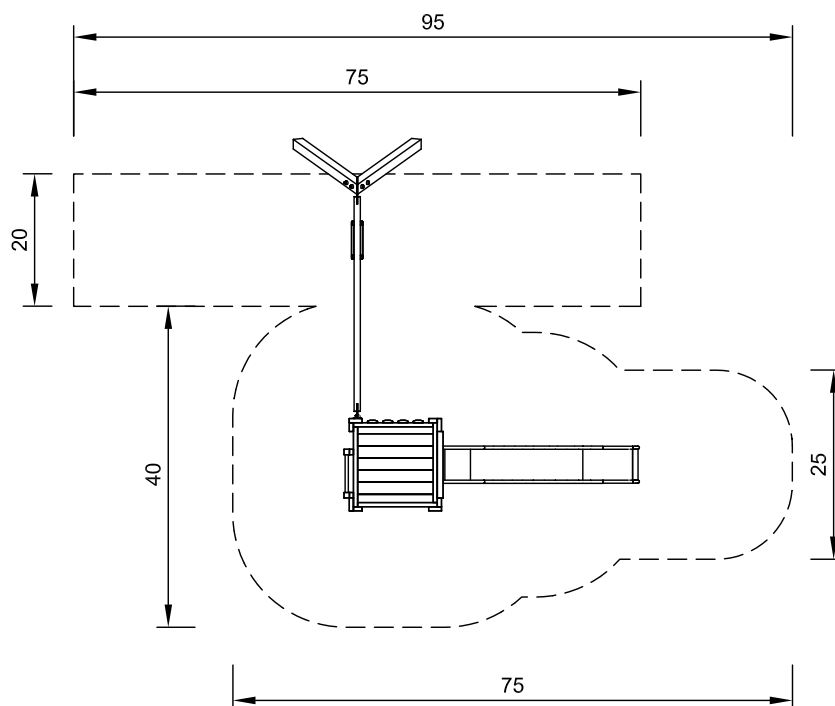
7.35 x 4.30 m

Safety check according to EN 1176

Order No. 2.13710
Hut Combination 371



Additionally available with sand play equipment (**Order No. 2.13840**)



Scale 1:100

Required space incl. safety distances

9.50 x 6.75 m

Safety check according to EN 1176

Components

1 Platform Hut
1 Single Swing special long
1 Stainless Steel Slide

Order No.

3.13100
3.19802
3.19210



2.13200



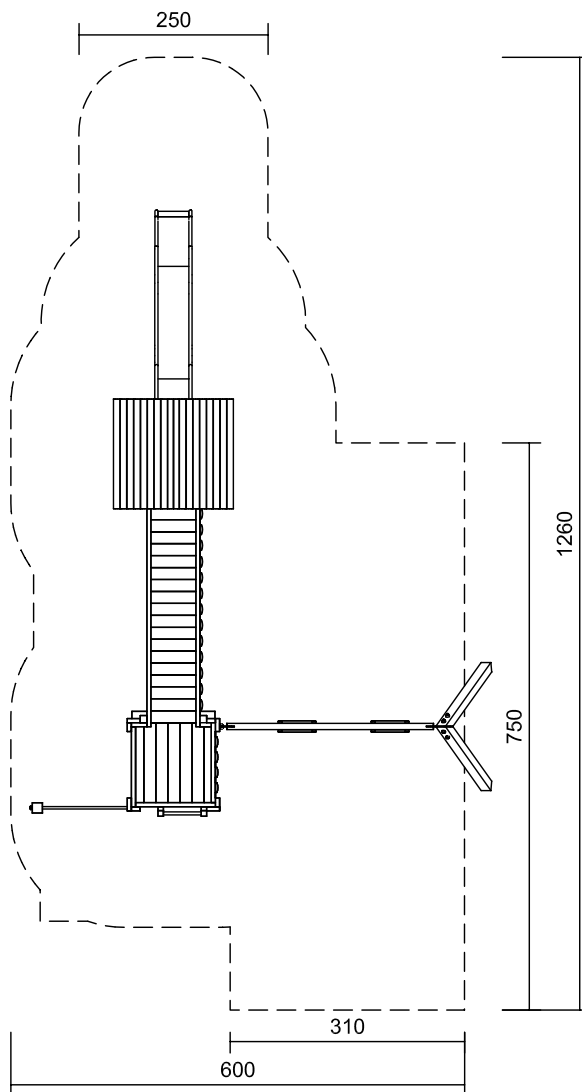
2.13710

Order No. 2.14700
Hut Combination 47

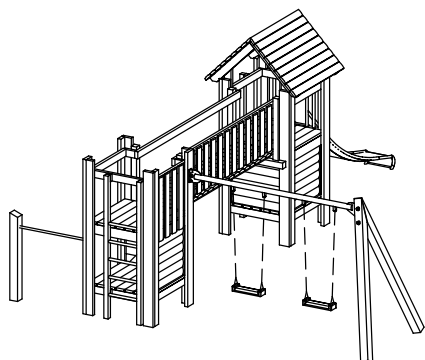
Scale 1:100

Required space incl. safety distances
12.60 x 6.65 m

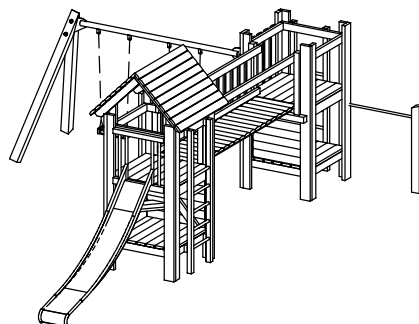
Components	Order No.
1 Platform Hut	3.13100
1 Platform Hut	3.13300
1 Stainless Steel Slide	3.19210
1 Bridge 3.00 m	3.66310
1 Balustrade 3.00 m	w/o No.
2 Fastening Frames	3.66364
1 Horizontal Bar	L3.69700
1 Double Swing special	3.19020



Right view



Left view



Safety check according to EN 1176


2.14700

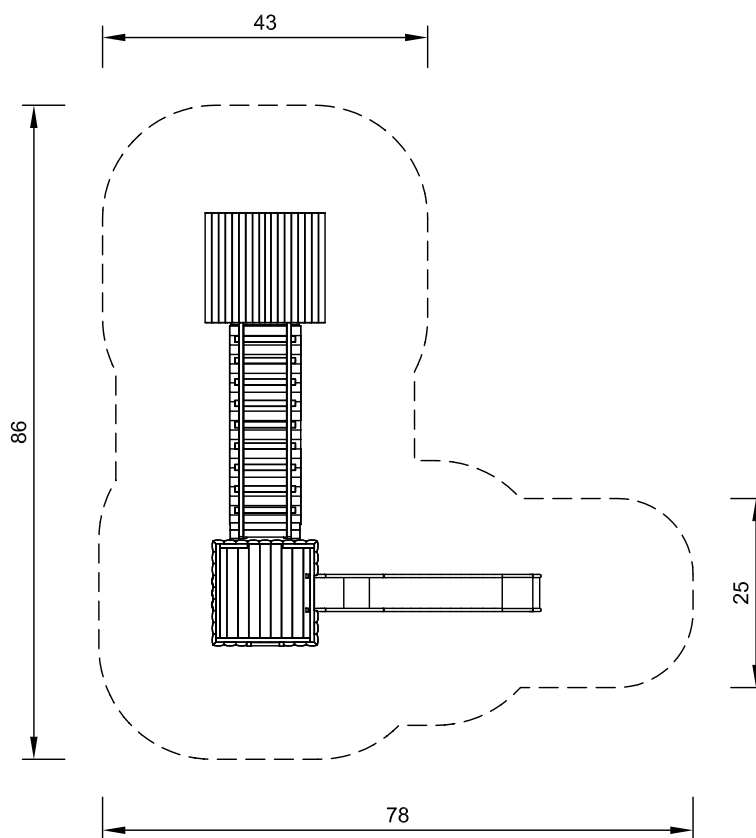
Order No. 2.18000
Tower Combination 18

Scale 1:100
Required space incl. safety distance
 8.65 x 7.85 m

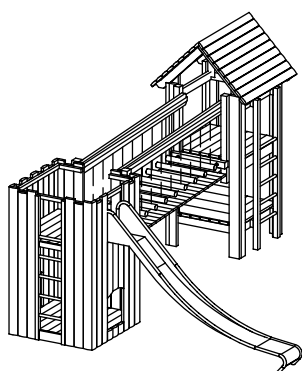
Components

1 Platform Hut	3.13300
1 Fastening Frame	3.66290
1 Chain Path 3.00 m	3.66260
1 Square Tower	3.20500
1 Fastening Frame	3.66240
1 Stainless Steel Slide	3.63020

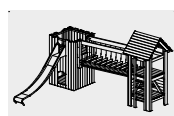
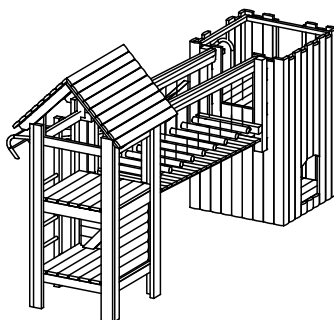
Order No.



Right view



Left view



2.18000

Safety check according to EN 1176



Play value

The appealing design of our play houses means they become the magic centre of attraction for small children. With a cosy atmosphere and basic furnishings, consisting of a table and benches, they act as a stimulus for various role-playing games. Also, the sliding half door inspires shopping, post office and train station games while the veranda with two small benches promotes communication and sociability.

Fundamental characteristics

- Child-oriented dimensions according to ergonomic knowledge
- Emotionally appealing design thanks to low-reaching roofs
- Mixture of materials: claddings/ square timber
- Natural wooden surface that appeals to the senses
- Sturdy roof design thanks to double layer
- Elements that promote games: veranda, sliding door, interior fittings

Recommended for

- U3
- Kindergarten children
- Supervised play areas, such as kindergartens, schools, after-school programmes or similar
- Public play areas without supervision, such as playgrounds, Parks or similar



Order No. 4.10110 Small Play House with Door

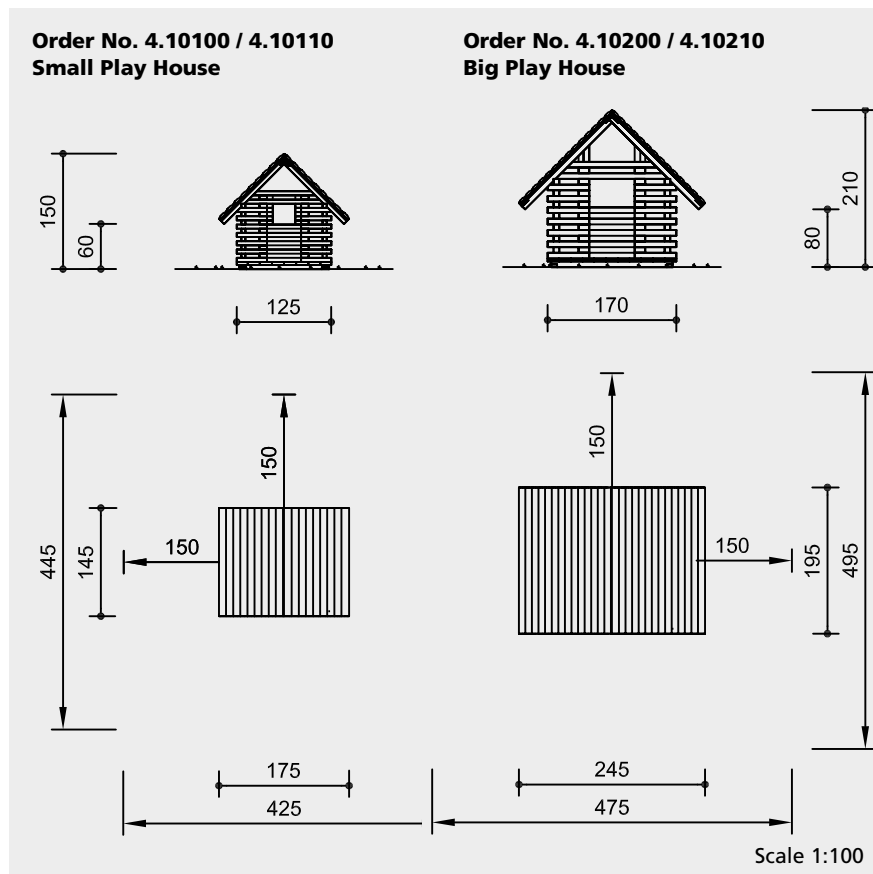
Small Play House
Small Play House with Door
Big Play House
Big Play House with Door



4.10100 / 4.10110



4.10200 / 4.10210



safety check according to EN 1176

Components

- 1 house structure, built-in:
- 2 benches
- 1 table
- 2 roof sections, double-layered
- 4 foundation irons

Order No. 4.10110 / 4.10210
as above, but with fitted 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 in order to immobilise the
equipment)

Order No. 4.10100 / 4.10110
Small Play House

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

Order No. 4.10200 / 4.10210
Big Play House

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

Attention:

Exact measurements may vary;
for all installation dimensions refer
to current assembly instructions.
Technical changes reserved.
Equipment also available in larch.

Technical information

Equipment made of spruce / fir

Core-free

Sawn-timbers core-free, thus decreasing
occurrences of cracking and undesired
changes in shape



Claddings

Claddings made of mountain larch (4 – 5
cm) and spruce / fir (3 – 5 cm). Peeled
white by hand, natural tree surface
remains tangible and perceptible



Ground anchor

All parts used for anchoring to the
ground are made of hot-dip galvanised
steel or stainless steel



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

Order No. 4.10100 / 4.10110
Small Play House

Order No. 4.10200 / 4.10210
Big Play House

Impregnated version with double-
layered roof of 21 mm boards and
3 - 5 cm thick claddings

Order No. L4.10100 / L4.10110
Small Play House

Order No. L4.10200 / L4.10210
Big Play House

version made of larch with single-layered
roof of 4 - 5 cm thick, half-rebated
claddings

Dimensions

(small deviations possible)

Order No. 4.10100 / 4.10110
Small Play House

Height	1.50 m
Width	1.75 m
Depth	1.45 m
Weight	250 kg

Order No. 4.10200 / 4.10210
Big Play House

Height	2.10 m
Width	2.45 m
Depth	1.95 m
Weight	540 kg



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, stair
- Movement: climbing up and around

Recommended for

- Children under 3 years
- Kindergarten children
- Schoolchildren
- Supervised play areas such as kindergartens, schools, after-school programmes or similar
- Public play areas such as kindergartens, schools, after-school programmes or similar



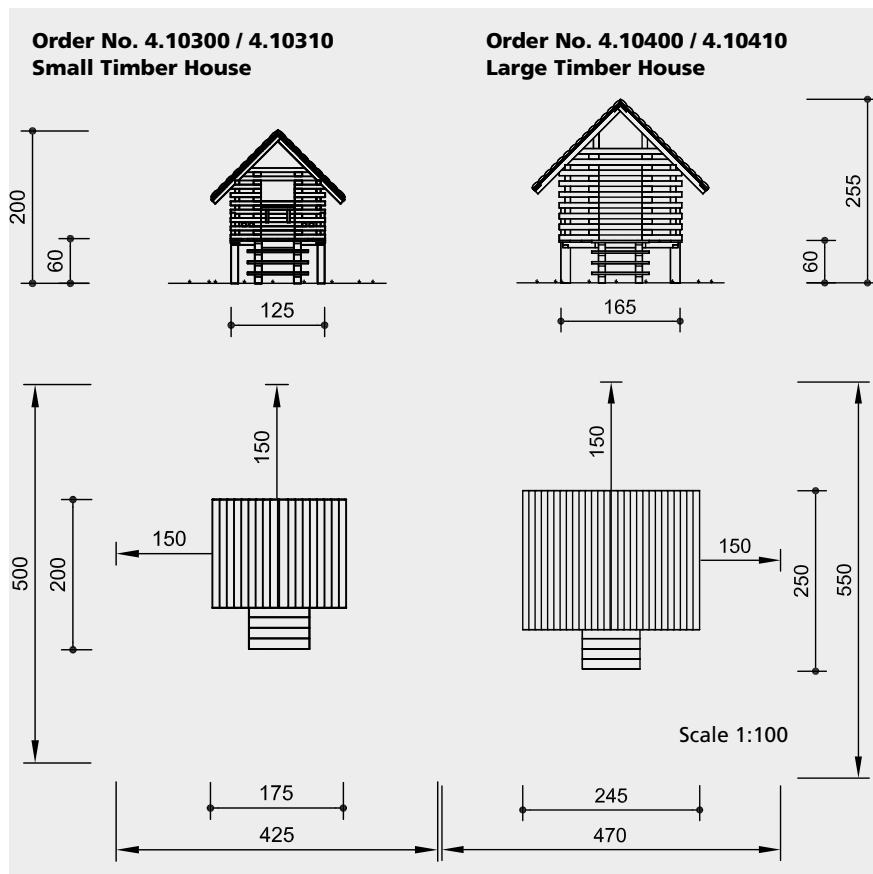
Small Timber House on Stilts
Small Timber House on Stilts with door
Large Timber House on Stilts
Large Timber House on Stilts with door



4.10300 / 4.10310



4.10400 / 4.10410



Safety check according to EN 1176

Components

Order No. 4.10300 / 4.10400

- 1 house body, including:
 - 2 benches
 - 1 table
- 4 support posts
- 1 stairs with foundation irons
- 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 40 cm
- excavation depth 60 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 40 cm
- excavation depth 60 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 or made of larch with steel feet.

Technical information

Equipment made of spruce / fir, larch, oak

Core-free

Sawn-timbers core-free, thus decreasing occurrences of cracking and undesired changes in shape



Claddings

Claddings made of mountain larch (4 – 5 cm) and spruce / fir (3 – 5 cm). Peeled white by hand, natural tree surface remains tangible and perceptible



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

Floor of 25 mm tongue and groove boards

Steps of stairs made of hardwood, 32 mm

Order No. 4.10300 / 4.10310

Small Timber House

Order No. 4.10400 / 4.10410

Large Timber House

Impregnated version with double-layered roof of 21 mm boards and 3 - 5 cm thick claddings

Order No. L4.10300 / L4.10310

Small Timber House

Order No. L4.10400 / L4.10410

Large Timber House

Version made of larch with single-layered roof of 4 - 5 cm thick, half-rebated claddings

Dimensions

(small deviations possible)

Order No. 4.10300 / 4.10310

Small Timber House

Height	2.00 m
Height floor	0.60 m
Length	1.75 m
Width	2.00 m
Weight	320 kg

Order No. 4.10400 / 4.10410

Large Timber House

Height	2.55 m
Height floor	0.60 m
Length	2.45 m
Width	2.50 m
Weight	600 kg



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

Recommended for

- Children under 3 years
- Kindergarten children
- Schoolchildren
- Supervised play areas such as kindergartens, schools, after-school programmes or similar
- Public play areas such as kindergartens, schools, after-school programmes or similar

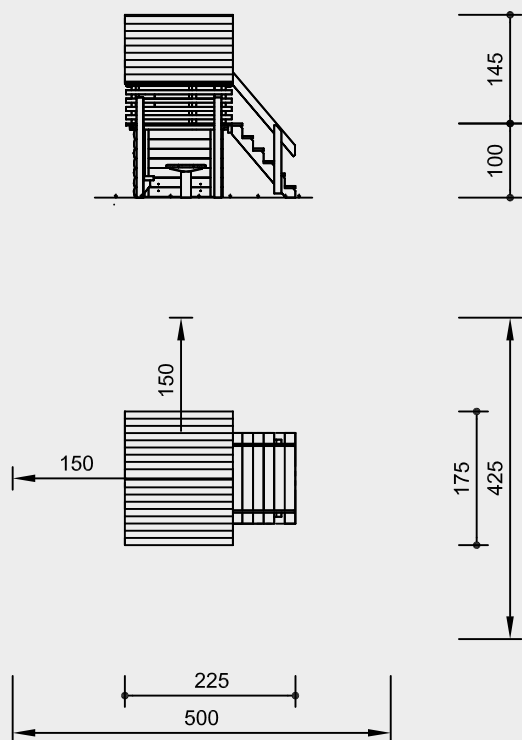


Two Storey Play House



4.10500

Order No. 4.10500 Two Storey Play House



Scale 1:100

Safety check according to EN 1176

Components

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

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 40 cm
excavation depth 60 cm

Stairs

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

Table

1 item 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.

Equipment also available with steel feet or made of larch with steel feet.

Technical information

Equipment made of spruce / fir, larch, oak

Core-free

Sawn-timbers core-free, thus decreasing occurrences of cracking and undesired changes in shape



Claddings

Claddings made of mountain larch (4 – 5 cm) and spruce / fir (3 – 5 cm). Peeled white by hand, natural tree surface remains tangible and perceptible



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

Floor of 25 mm tongue and groove boards

Stairs, table and benches of non-impregnated mountain larch

Steps of stair made of hardwood, 32 mm

Order No. 4.10500

Two Storey Play House

Impregnated version with double-layered roof of 21 mm boards and 3 - 5 cm thick claddings

Order No. L4.10500

Two Storey Play House

Version made of larch with single-layered roof of 4 - 5 cm thickness, half-rebated claddings

Dimensions

(small deviations possible)

Total height	2.45 m
Height floor	1.00 m
Length	2.25 m
Width	1.75 m
Width stair	1.20 m
Weight	380 kg



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.



Special edition with feet made of steel

House Group A

Fundamental characteristics

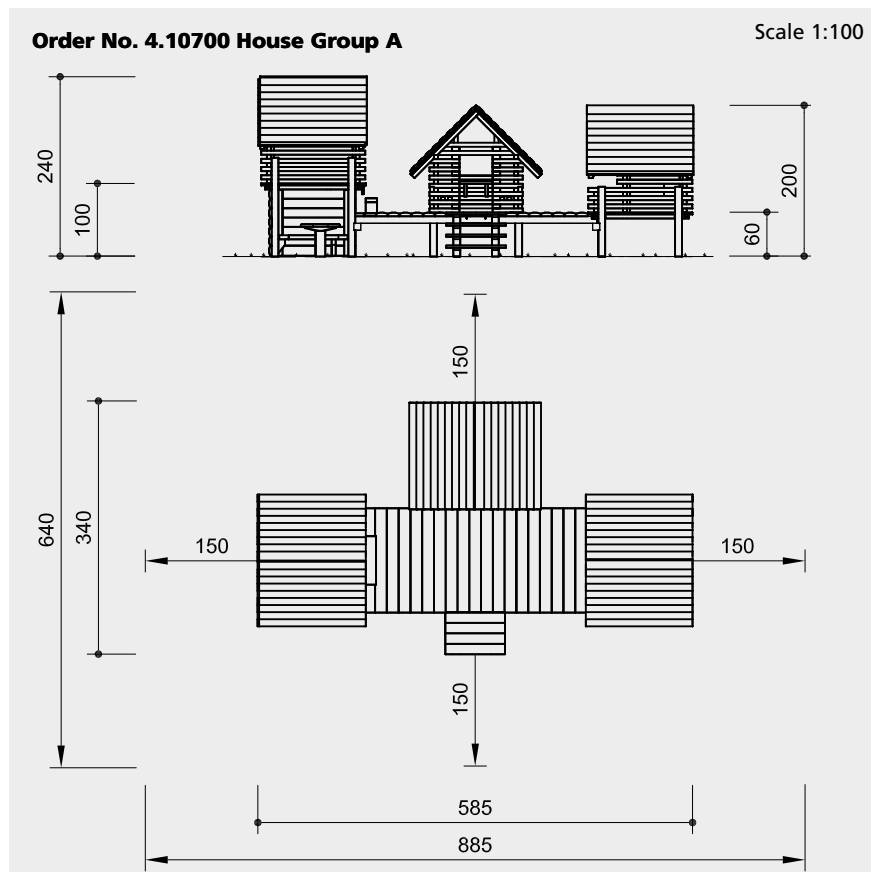
- Child proportions according to ergonomic requirements
- Agreeably designed ensemble for role games
- Appealing design by: arrangement of the houses, sheltering roofs, alteration on materials: claddings/ square timber
- Natural wooden surface which appeals to the senses
- Sturdy roof construction
- Incentive for playing: furniture, stairs, ramps
- Movement: crawling, hiding, climbing

Recommended for

- Children under 3 years
- Kindergarten children
- Schoolchildren
- Supervised play areas such as kindergartens, schools, after-school programmes or similar
- Public play areas such as kindergartens, schools, after-school programmes or similar
- Private play areas without supervision, such as camp sites or similar



4.10700



Safety check according to EN 1176

Components

- 3 timber houses on stilts
- 1 level room containing:
 - 2 walls with 2 benches,
 - 1 round table with steel foot
- 1 bridge
- 1 stairs with foundation irons
- 1 step

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 40 cm
excavation depth 60 cm

Stairs

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

Table

1 item 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.

**Equipment also available with steel
feet or made of larch with steel feet.**

Technical information

Equipment made of spruce / fir, larch, oak

Core-free

Sawn-timbers core-free, thus decreasing
occurrences of cracking and undesired
changes in shape



Claddings

Claddings made of mountain larch (4 – 5
cm) and spruce / fir (3 – 5 cm). Peeled
white by hand, natural tree surface
remains tangible and perceptible



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

Bridge, stairs, table and benches of non-
impregnated mountain larch

Steps of stairs made of hardwood,
32 mm

Order No. 4.10700 House Group A

Impregnated version with double-layered
roof of 21 mm boards and
3 - 5 cm thick claddings

Order No. L4.10700 House Group A

Version made of larch with single-layered
roof of 4 - 5 cm thickness, half-rebated
claddings

Dimensions

(small deviations possible)

Length	5.85 m
Width	3.40 m

Timber Houses

Height	2.40 / 2.00 m
Height floor	1.00 / 0.60 m

Bridge

Height	0.60 m
Length	3.00 m
Width	1.40 m

Stairs

Width	0.80 m
-------	--------

Weight total	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 versatile, independent small playground. It provides incentives for role-playing games and numerous exercise activities.



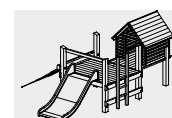
Fundamental characteristics

- Child-oriented dimensions according to ergonomic requirements
- Natural wooden surface which appeals to the senses
- Constructional advantage: strong planking of the platform creates large, „support-free“ play space underneath the platform
- Compact playground with a small footprint, suitable when space is at stake
- Combination for role-playing games, „work“ play and activity
- Exercise activity: climbing, sliding, crawling, crouching, using physical strength

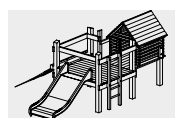
Recommended for

- Kindergarten children
- Schoolchildren
- Supervised play areas such as kindergartens, schools, after-school programmes or similar
- Public areas without supervision, such as playgrounds, parks or similar

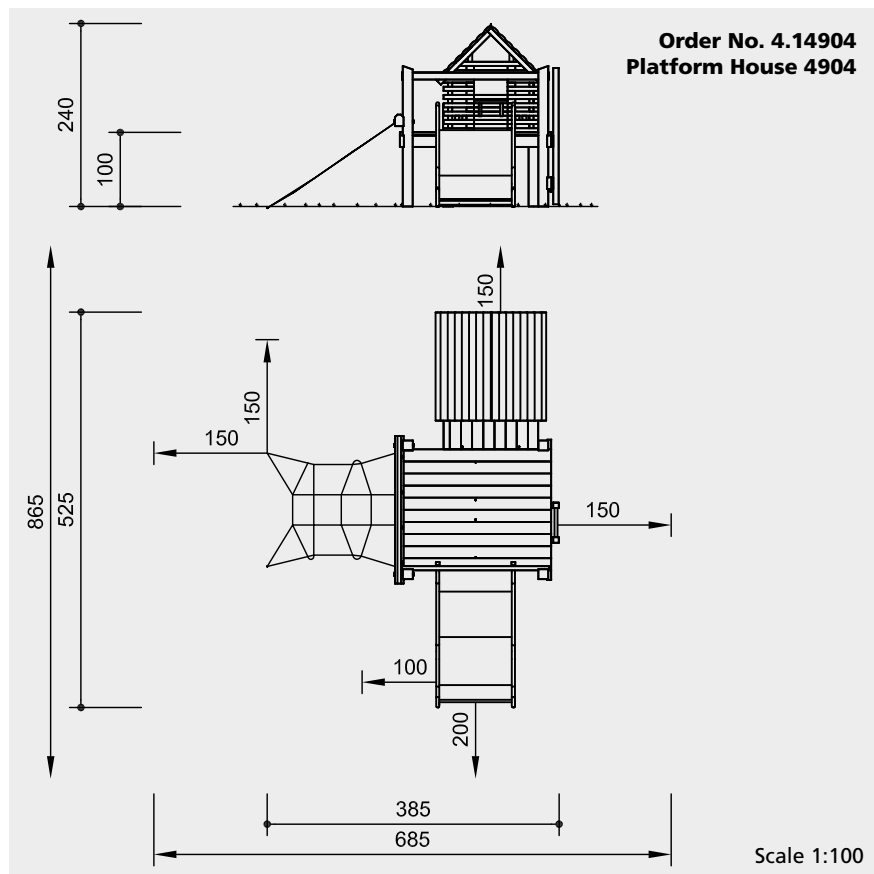
Platform House 4904 Platform House 4906



4.14904



4.14906



safety check according to EN 1176

Components

- 1 platform 1.60 x 2.00 m
- 1 platform house
floor dimensions 1.25 x 1.80 m
- 1 ladder
- 1 inclined climbing net
Order No. 3.69140
- 1 stainless steel slide with ground anchor
Order No 3.63300

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

Inclined 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 assembly instructions.**
Technical changes reserved.

Technical information

Equipment of non-impregnated mountain larch

Bevel cut

Vertical stand posts with bevelled end grain section as constructive wood preservation measure



Core-free

Sawn-timbers core-free, thus decreasing occurrences of cracking and undesired changes in shape



Tongue and groove

Tongue and groove planks made of 4 cm solid wood, highly resilient, no trickling of dust / sand, protection against direct rain



Hardwood rungs

Climbing rungs made of hardwood (ash) $\varnothing 4.2$ cm, milled and mortised, secured against twisting, easy to grip and not cold for children to touch



Richter Hercules type rope

Richter Hercules type rope, a combination of galvanised six-strand steel cables and polyester yarn, diameter > 20 mm, laid and glued with very good abrasion resistance, strong sheathing even in the case of damage by puncturing



Aluminium rope pressing

Aluminium rope pressing, cylindrically pressed, with rounded ends



S-connectors

S-connectors $\varnothing 8.1$ mm, made of high-quality stainless steel, rounded



Ground anchor

All parts used for anchoring to the ground are made of hot-dip galvanised steel or stainless steel



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

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

**Order No 4.14906
Platform House 4906**
Handrails all round

Dimensions

(small deviations possible)

Height	2.40 m
Length	3.85 m
Width	5.25 m
Platform height	1.00 m
Platform length	2.00 m
Weight	650 kg



4.14904



4.14906

Play value

Our Platform House with fitted interior furnishing simply invites children to engage in different types of role-playing games. Installed in sand, the hoist with revolving crane also makes additional activities possible. Children are able to give free reign to fantasy-full games that mirror the grown-up world of work. It also promotes communication and coordination.

Fundamental characteristics

- Child-oriented dimensions according to ergonomic requirements
- Natural wooden surface which appeals to the senses
- Constructional advantage: strong planking of the platform creates large, „support-free“ play space underneath the platform
- Compact playground with a small footprint, suitable when space is at stake
- Combination for role-playing games, „work“ play and activity
- Exercise activity: climbing, sliding, crawling, crouching, using physical strength

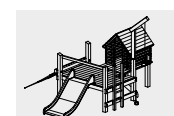


Platform House 4914
Platform House 4916

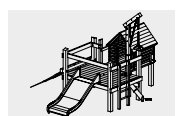


Recommended for

- Kindergarten children
- Schoolchildren
- Supervised play areas such as kindergartens, schools, after-school programmes or similar
- Public areas without supervision, such as playgrounds, parks or similar



4.14914



4.14916

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.



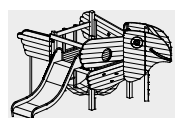
Fundamental characteristics

- 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

Recommended for

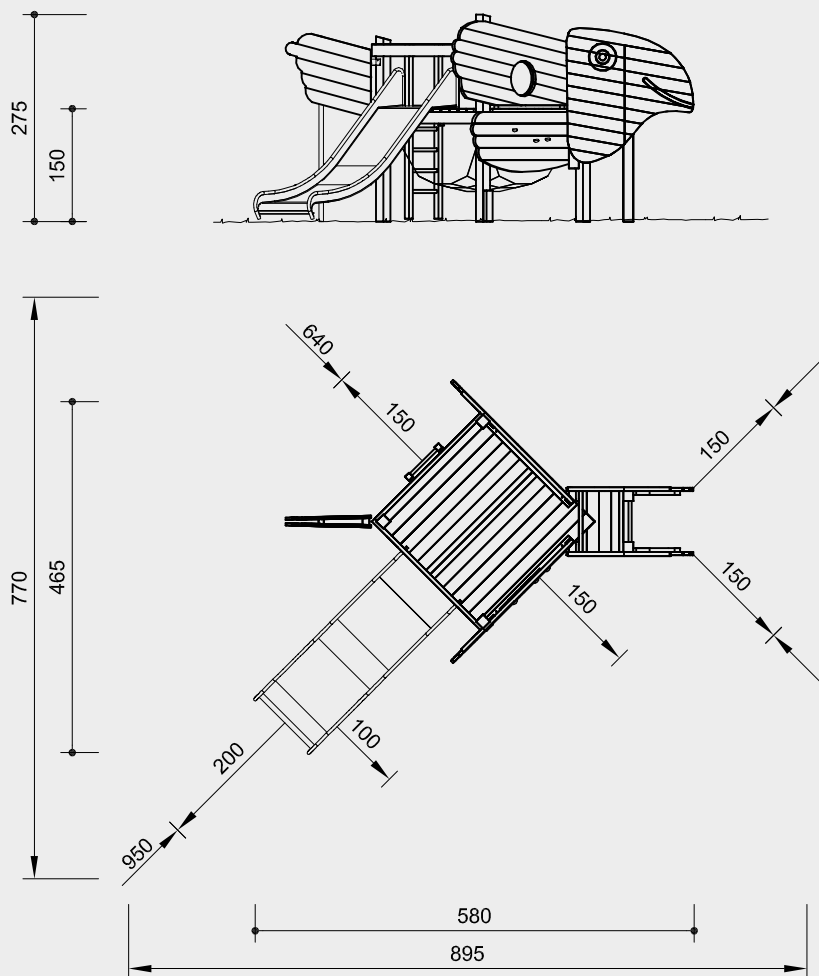
- Kindergarten children
- Schoolchildren
- Supervised play areas such as kindergartens, schools, after-school programmes or similar
- Public play areas without supervision such as playgrounds, parks or similar

Big Bird Platform



4.90000

Order No. 4.90000 Big Bird Platform



Scale 1:100

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
- 7 steel feet
- 1 ladder in the head
- 3 climbing grips
- 1 rope nest
- 1 stainless steel slide, width 1.00 m
attachment height 1.50 m
- 1 climbing pole

Installation information

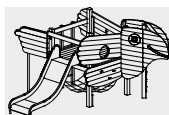
Surfacing requirements corresponding to a fall height of ≤ 1.50 m (please refer to price list for more detailed information)

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

Equipment made of non-impregnated mountain larch

Core-free

Sawn-timbers core-free, thus decreasing occurrences of cracking and undesired changes in shape



Tongue and groove

Tongue and groove planks made of 4 cm solid wood, highly resilient, no trickling of dust / sand, protection against direct rain



Hardwood rungs

Climbing rungs made of hardwood (ash) Ø 4.2 cm, milled and mortised, secured against twisting, easy to grip and not cold for children to touch



Hercules type rope

Hercules type rope for spliced net connections, a combination of steel and polyester or polyamide yarn for the sleeve, abrasion-protected, 4 or 6 strands



Aluminium rope pressing

Aluminium rope pressing, cylindrically pressed, with rounded ends



Ground anchor

All parts used for anchoring to the ground are made of hot-dip galvanised steel or stainless steel



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

Slide of stainless steel, slide walls glass bead blasted, 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

Colour

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	2.75 m
Floor height	1.50 m
Floor size	2.00 x 2.00 m
Length	5.80 m
Width	4.65 m
Weight	700 kg



Play value

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.



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

Recommended for

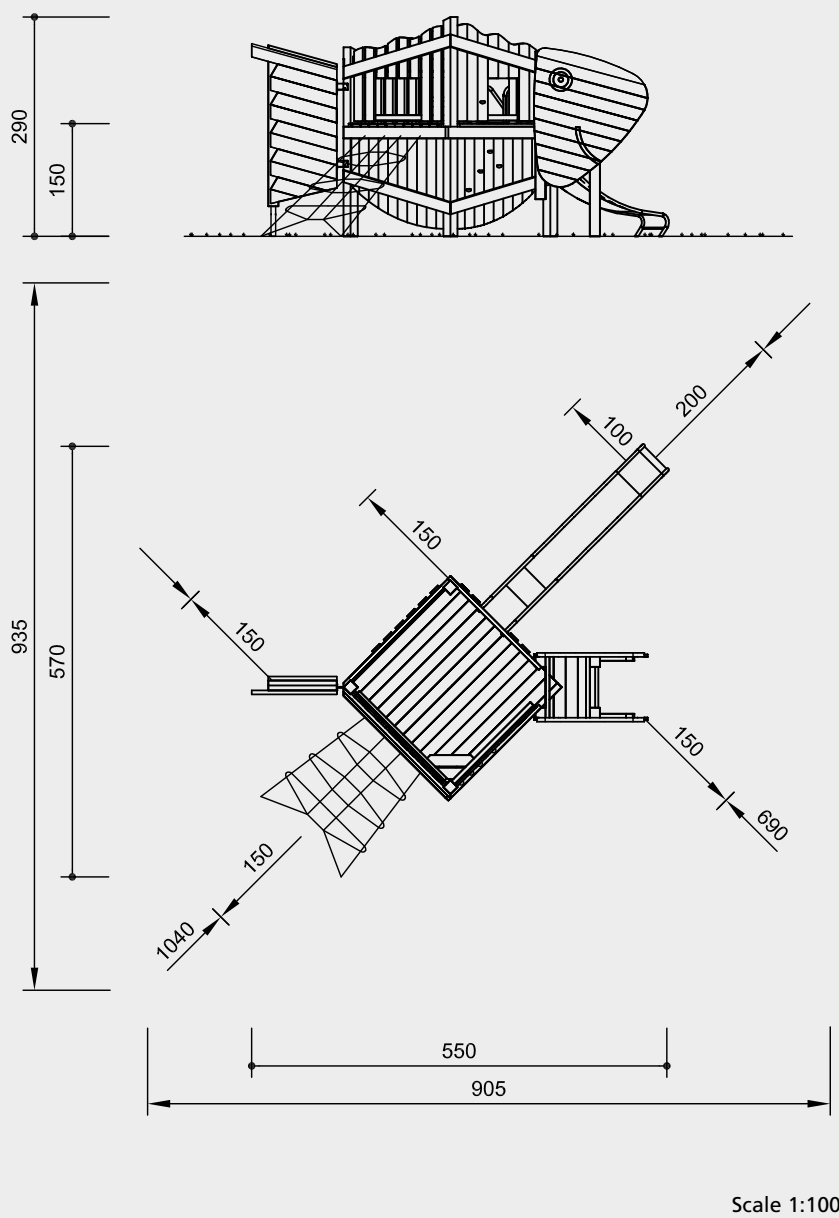
- Kindergarten children
- Schoolchildren
- Supervised play areas such as kindergartens, schools, after-school programmes or similar
- Public play areas without supervision such as playgrounds, parks or similar

Fish Berta



4.90010

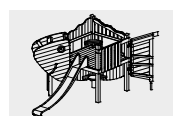
Order No. 4.90010 Fish Berta



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
- 7 steel feet
- 1 round table with steel foot
- 1 bench
- 1 ladder in the head
- 5 climbing grips on the closed side
- 1 inclined climbing net
- Order No. 3.69160
- 1 stainless steel slide with ground anchor
- Order No. 3.63020



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 40 x 40 x 40 cm
excavation depth 60 cm

Slide

excavation depth 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

Equipment of non-impregnated mountain larch

Core-free

Sawn-timbers core-free, thus decreasing occurrences of cracking and undesired changes in shape



Tongue and groove

Tongue and groove planks made of 4 cm solid wood, highly resilient, no trickling of dust / sand, protection against direct rain



Hardwood rungs

Climbing rungs made of hardwood (ash) \varnothing 4.2 cm, milled and mortised, secured against twisting, easy to grip and not cold for children to touch



One-piece construction

Total construction of the slide made of 2 mm stainless steel, drawn in box form, surface glass bead blasted, without welding seam between sliding surface and side cheek



Richter Hercules type rope

Richter Hercules type rope, a combination of galvanised six-strand steel cables and polyester yarn, diameter > 20 mm, laid and glued with very good abrasion resistance, strong sheathing even in the case of damage by puncturing



Aluminium rope pressing

Aluminium rope pressing, cylindrically pressed, with rounded ends



S-connectors

S-connectors \varnothing 8.1 mm, made of high-quality stainless steel, rounded



Rope connection fixed

Fixed rope connection without dangerous openings. Screw connection adjustable and countersunk in the wood



HPL ground anchor

Foundation anchor made of phenol resin paper-based laminates



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

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

Colour

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	2.90 m
Floor height	1.50 m
Floor size	2.00 x 2.00 m
Length	5.50 m
Width	5.70 m
Weight	700 kg



Animals and vehicles

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.



Special version with ramp and stairs, Photo © Daniel Perales



Fundamental characteristics

- High-quality design
- Coloured elements, eye-catcher
- Very special appeal
- Movement: climbing

Recommended for

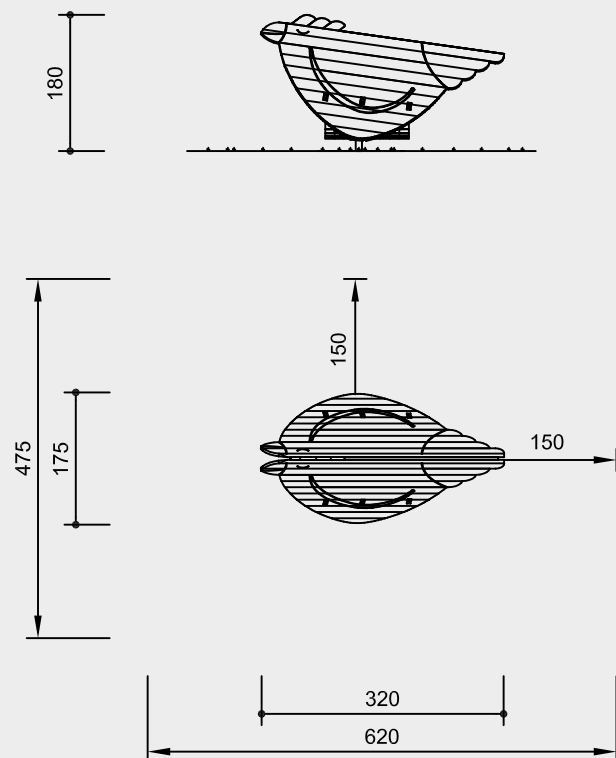
- Children under 3 years
- Kindergarten
- Supervised play areas, such as kindergartens, schools, after-school programmes or similar
- Public play areas without supervision, such as playgrounds, parks or similar

Big Chicken with Net



4.08200

Order No. 4.08200 Big Chicken



Scale 1:100

Safety check according to EN 1176

Components

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

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.
Technical changes reserved.

Technical information

Equipment made of non-impregnated mountain larch

Core-free

Sawn-timbers core-free, thus decreasing occurrences of cracking and undesired changes in shape



Tongue and groove

Tongue and groove planks made of 4 cm solid wood, highly resilient, no trickling of dust / sand, protection against direct rain



Hercules type rope

Hercules type rope for spliced net connections, a combination of steel and polyester or polyamide yarn for the sleeve, abrasion-protected, 4 or 6 strands



Aluminium rope pressing

Aluminium rope pressing, cylindrically pressed, with rounded ends



Rope connection with joint

Close-fitting connection with joint, without dangerous openings, with sintered bush and adjustable screw connection



Ground anchor

All parts used for anchoring to the ground are made of hot-dip galvanised steel or stainless steel



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

Colour

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	1.80 m
Length	3.20 m
Width	1.75 m
Weight	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.



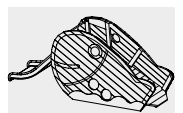
Fundamental characteristics

- Friendly appearance
- Appealing design
- Large ramp for crawling, climbing and rolling around
- Wide slide for sliding together
- Hidey-hole and sand play area
- Peepholes

Recommended for

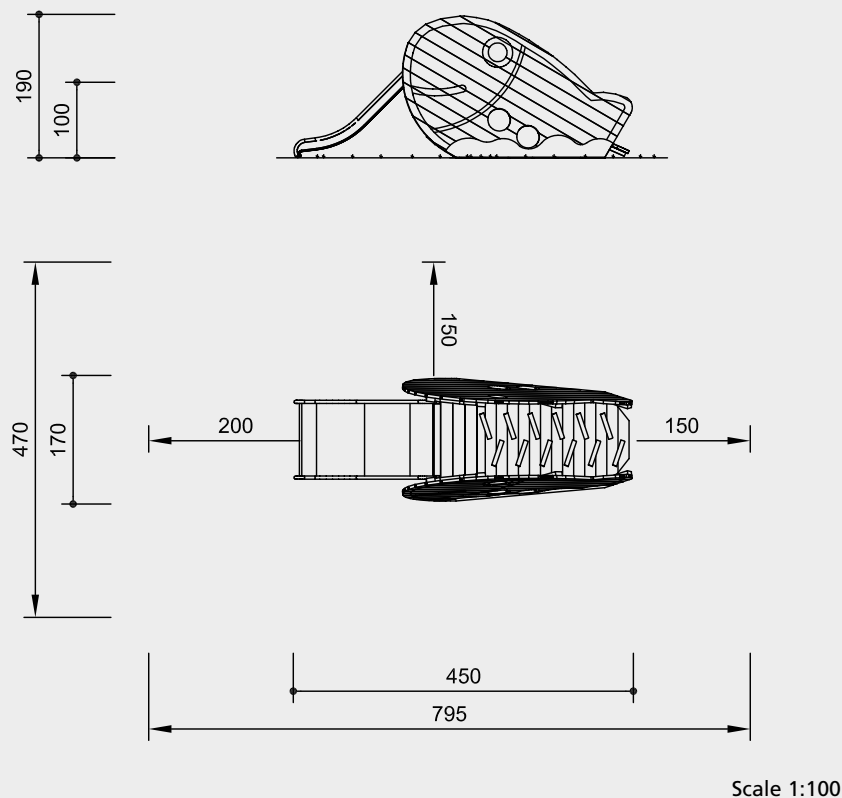
- Children under 3 years
- Kindergarten children
- Schoolchildren
- Supervised play areas such as kindergartens, schools, after-school programmes or similar
- Public play areas without supervision such as playgrounds, parks or similar
- Private play areas without supervision, such as camp sites or similar

Big Fish with Small Children Slide and Ramp



4.08304

Order No. 4.08304 Big Fish



Safety check according to EN 1176

Components

2 side parts in the shape of a fish
1 ramp access with climbing aids
1 platform
1 wide slide with ground anchor
Order No. 3.63300

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.**

Technical changes reserved.

Technical information

Equipment made of non-impregnated
mountain larch

Core-free

Sawn-timbers core-free, thus decreasing
occurrences of cracking and undesired
changes in shape



Tongue and groove

Tongue and groove planks made of 4 cm
solid wood, highly resilient, no trickling
of dust / sand, protection against direct
rain



Ground anchor

All parts used for anchoring to the
ground are made of hot-dip galvanised
steel or stainless steel



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

Slide with Stainless steel construction
sides 2 mm, sliding surface 2.5 mm

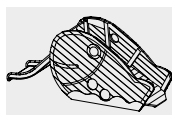
Colour

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	1.90 m
Length	4.55 m
Width	1.70 m
Weight	360 kg



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

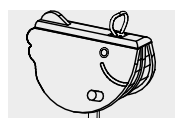
Recommended for

- Children under 3 years
- Supervised play areas, such as kindergartens, schools, after-school programmes or similar

Little Chicken
Little Fish

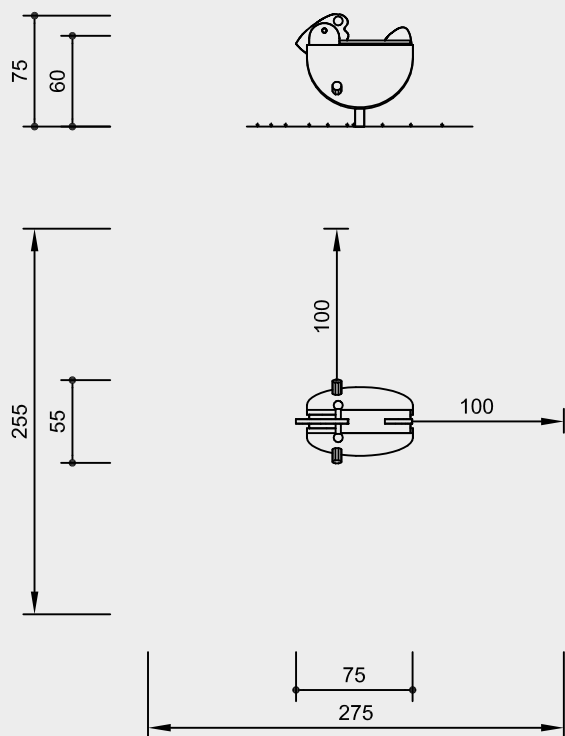


4.08100

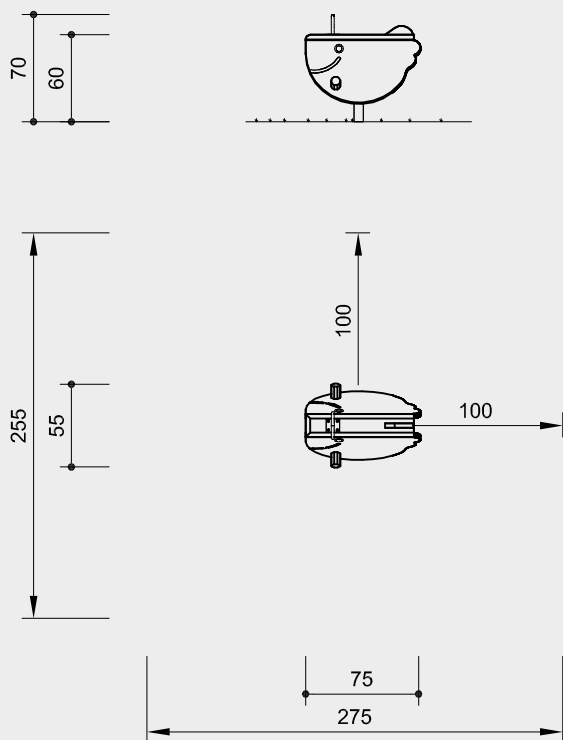


4.08110

Order No. 4.08100 Little Chicken



Order No. 4.08110 Little Fish



Scale 1:50

Safety check according to EN 1176

Technical information

Equipment made of non-impregnated mountain larch

Core-free

Sawn-timbers core-free, thus decreasing occurrences of cracking and undesired changes in shape



Plywood

Plywood made of mountain larch, three-layer (3 cm), five-layer (4 cm). High dimensional stability, waterproof, glued according to DIN EN 13353:2011



Sintered bush

For all reciprocating movements we use sintered plain bearings which are self-lubricating in use and can easily be exchanged if necessary



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

See-saw mechanism hot-dip galvanised

Colour

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	0.70 / 0.75 m
Seat height	0.60 m
Length	0.75 m
Width	0.55 m
Weight	140 kg

Components

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

Installation information

Surfacing requirements as for critical fall height ≤ 1.00 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.

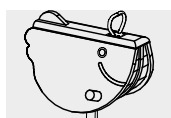
Attention:

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

Technical changes reserved.



4.08100



4.08110

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

Recommended for

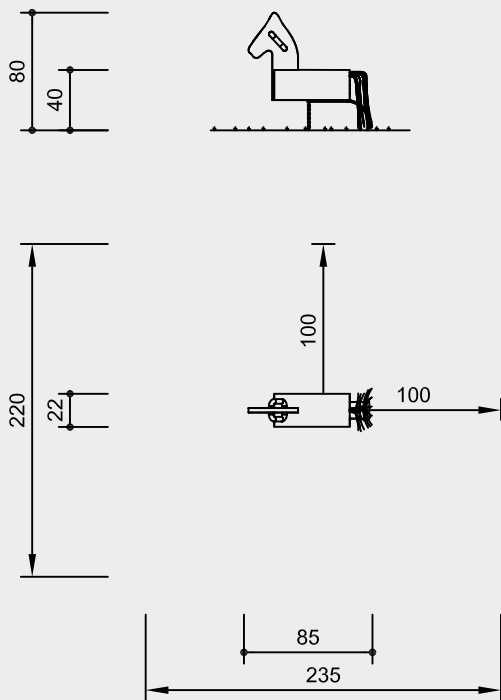
- Children under 3 years
- Kindergarten children
- Supervised play areas, such as kindergartens, schools, after-school programmes or similar
- Public play areas without supervision, such as playgrounds, parks or similar

Swinging Horse



4.24150

Order No. 4.24150 Swinging Horse



Scale 1:50

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 as for critical fall height ≤ 1.00 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

Equipment of not impregnated mountain larch

Peeled white

Palisades peeled white means that bark, cambium and sapwood are removed, the natural shape of the trunk is preserved and can be experienced



Plywood

Plywood made of mountain larch, three-layer (3 cm), five-layer (4 cm). High dimensional stability, waterproof, glued according to DIN EN 13353:2011



Chains

Chains made of hot-dip galvanized steel (1.4301 / 1.4571 at extra charge) welded before galvanising, short-linked, without eyelets on the connecting parts, easy to exchange and shorten



Relief cut

Targeted relief cut as an effective measure against cracks caused by drying. The cut defines the position of the stress equalization in the trunk and minimises natural cracking


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

Leaf spring sand-blasted, hardened and plastic coated

Grips of polyamide

Tail made of PP rope, 16 mm, 3 strands

Dimensions

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	25 kg



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

Recommended for

- Children under 3 years
- Kindergarten children
- Public play areas without supervision, such as playgrounds, parks or similar
- Supervised play areas, such as kindergartens, schools, after-school programmes or similar
- Private play areas without supervision, such as campsites or similar

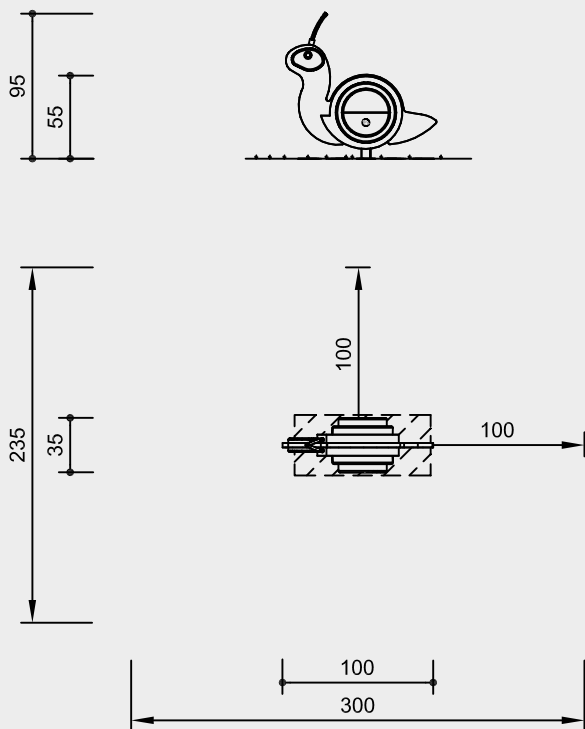


Snail Queen



4.24220

Order No. 4.24220 Snail Queen



Scale 1:50

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 as for critical fall height ≤ 1.00 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

Equipment of non-impregnated mountain larch

Core-free

Sawn-timbers core-free, thus decreasing occurrences of cracking and undesired changes in shape



Plywood

Plywood made of mountain larch, three-layer (3 cm), five-layer (4 cm). High dimensional stability, waterproof, glued according to DIN EN 13353:2011



Richter Hercules type rope

Richter Hercules type rope, a combination of galvanised six-strand steel cables and polyester yarn, diameter > 20 mm, laid and glued with very good abrasion resistance, strong sheathing even in the case of damage by puncturing



Aluminium rope pressing

Aluminium rope pressing, cylindrically pressed, with rounded ends



Sintered bush

For all reciprocating movements we use sintered plain bearings which are self-lubricating in use and can easily be exchanged if necessary



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

Equipment in natural colour, protected with lineseed oil

Rocking mechanism hot-dip galvanised

Dimensions

(small deviations possible)

Height	0.95 m
Sitting height	0.55 m
Length	1.00 m
Weight	130 kg



4.24220



Order No. 4.24240 Duck Family

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

Recommended for

- Children under 3 years
- Supervised play areas, such as kindergartens, schools, after-school programmes or similar



Order No. 4.24240 Duck Family



Order No. 4.24260 Chicken Family

Duck Family
Chicken Family

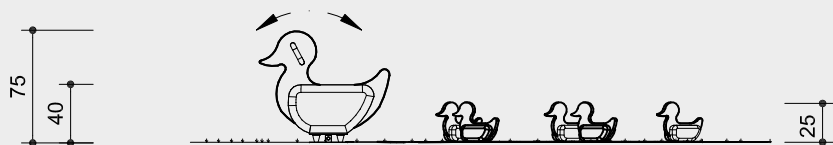


4.24240

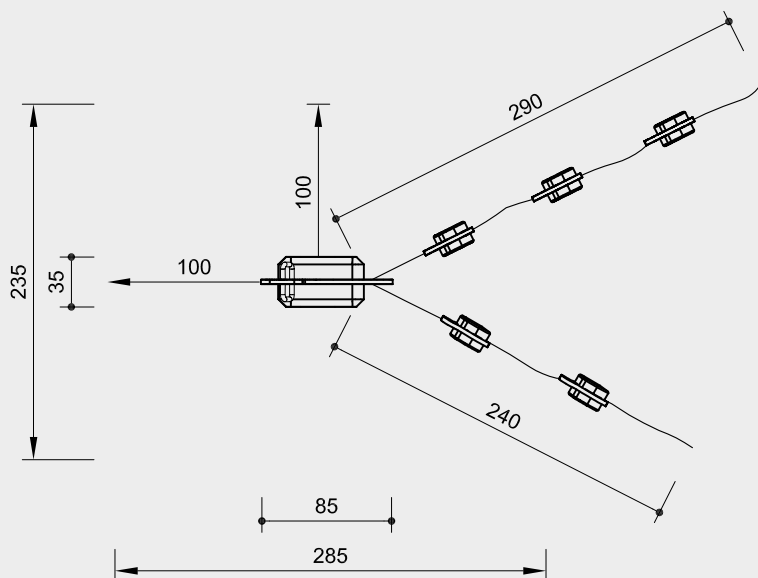


4.24260

Order No. 4.24240 Duck Family



Order No. 4.24260 Chicken Family



Scale 1:50

Safety check according to EN 1176

Components

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

- 1 big animal mother with rocking mechanism
- 5 ducklings, threaded on Richter Hercules type rope
- 1 pre-fabricated foundation
- 2 foundation timbers

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
- 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.

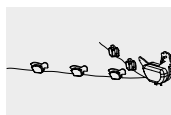
Attention:

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

Technical changes reserved.



4.24240



4.24260

Technical information

Equipment of non-impregnated mountain larch

Core-free

Sawn-timbers core-free, thus decreasing occurrences of cracking and undesired changes in shape



Plywood

Plywood made of mountain larch, three-layer (3 cm), five-layer (4 cm). High dimensional stability, waterproof, glued according to DIN EN 13353:2011



Richter Hercules type rope

Richter Hercules type rope, a combination of galvanised six-strand steel cables and polyester yarn, diameter > 20 mm, laid and glued with very good abrasion resistance, strong sheathing even in the case of damage by puncturing



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

Rocking mechanism and fixings hot-dip galvanised

Foundation timbers of oak wood

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

Dimensions

(small deviations possible)

Order No. 4.24240 Duck Family

Order No. 4.24260 Chicken Family

Length total	3.75 m
Mother	
Width	0.35 m
Sitting height	0.40 m
Weight	135 kg

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
- 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, rotating movement of mouse mother

Recommended for

- Children under 3 years
- Supervised play areas, such as kindergartens, schools, after-school programmes or similar

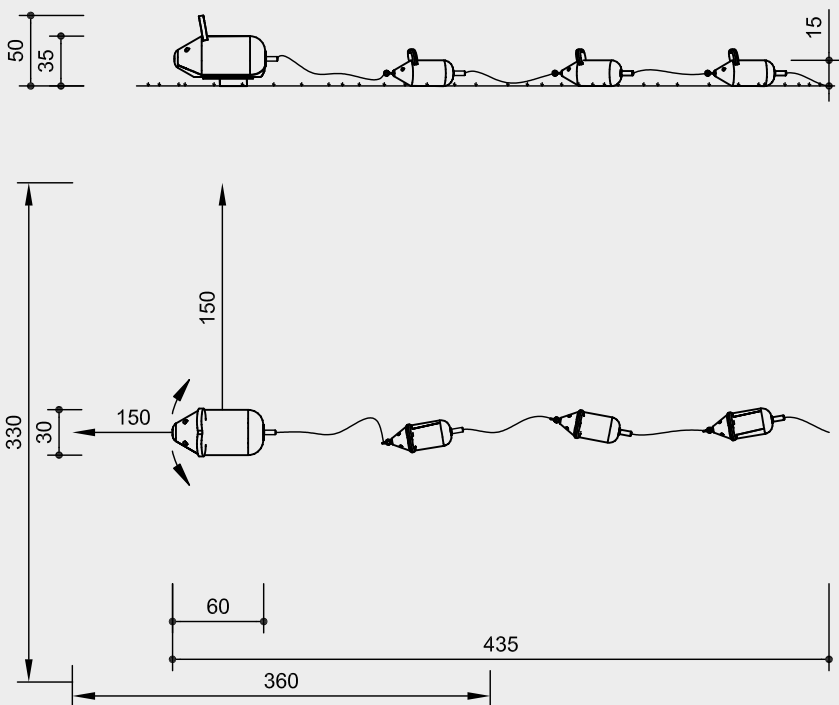


Dancing Mice



4.24250

Order No. 4.24250 Dancing Mice



Scale 1:50

Safety check according to EN 1176

Components

- 1 big mother with turning mechanism
- 3 little mice, threaded on Richter Hercules type rope
- 1 pre-fabricated foundation
- 1 foundation timber

Installation information

Surfacing requirements as for critical fall height ≤ 0.60 m (please refer to price list for more detailed information)

Foundations

- 1 pre-fabricated foundation delivered with equipment
- 1 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.

Attention:

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

Technical changes reserved.

Technical information

Core-free

Little mouse body made of non-impregnated mountain larch, sawn-timbers core-free, thus decreasing occurrences of cracking and undesired changes in shape



Laminated wood beams

Big mouse with laminated wood beams made of non-impregnated larch, glued according to EN 14080:2013; for very large timber cross-sections; comparatively low shrinkage, almost completely free of cracks



Plywood

Plywood made of mountain larch, three-layer (3 cm), five-layer (4 cm). High dimensional stability, waterproof, glued according to DIN EN 13353:2011



Richter Hercules type rope

Richter Hercules type rope, a combination of galvanised six-strand steel cables and polyester yarn, diameter > 20 mm, laid and glued with very good abrasion resistance, strong sheathing even in the case of damage by puncturing



Relief cut

Targeted relief cut as an effective measure against cracks caused by drying. The cut defines the position of the stress equalization in the trunk and minimises natural cracking



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

Turning mechanism and fixings hot-dip galvanised

Foundation timbers of oak wood

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

Dimensions

(small deviations possible)

Length total	4.35 m
Mother:	
Length	0.60 m
Width	0.30 m
Sitting height	0.35 m
Weight	130 kg



4.24250



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, 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

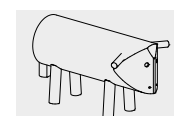
- Appealing, child-orientated design
- Tactile experience of wood
- Abstracted design
- Incentive for playing: friendly appearance, ears

Recommended for

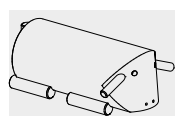
- Children under 3 years
- Kindergarten children
- Public play areas such as playgrounds, parks or similar
- Supervised play areas, such as kindergartens, schools, after-school programmes or similar



Sheep, standing
Sheep, resting

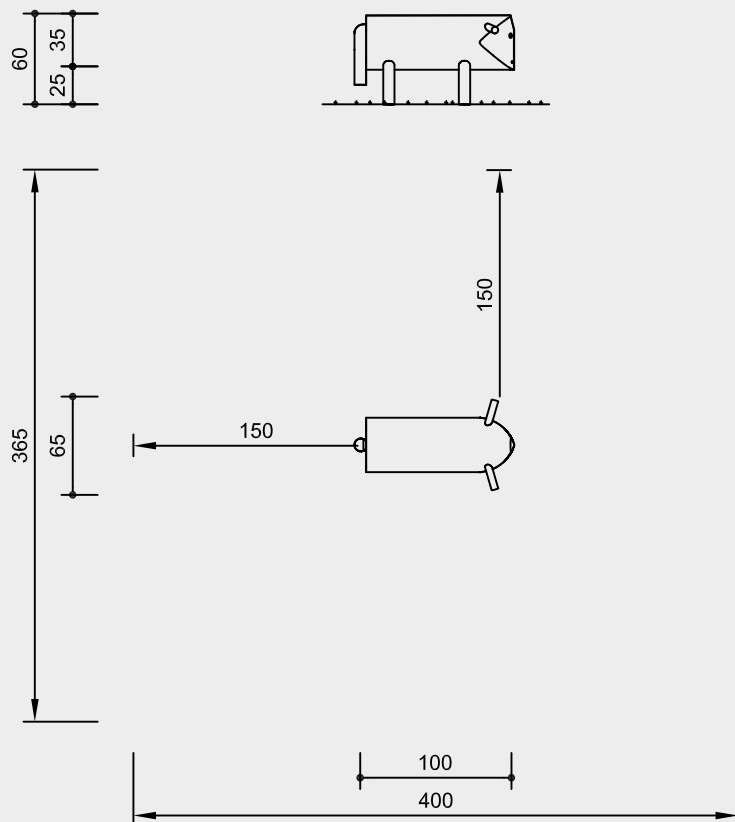


4.24195

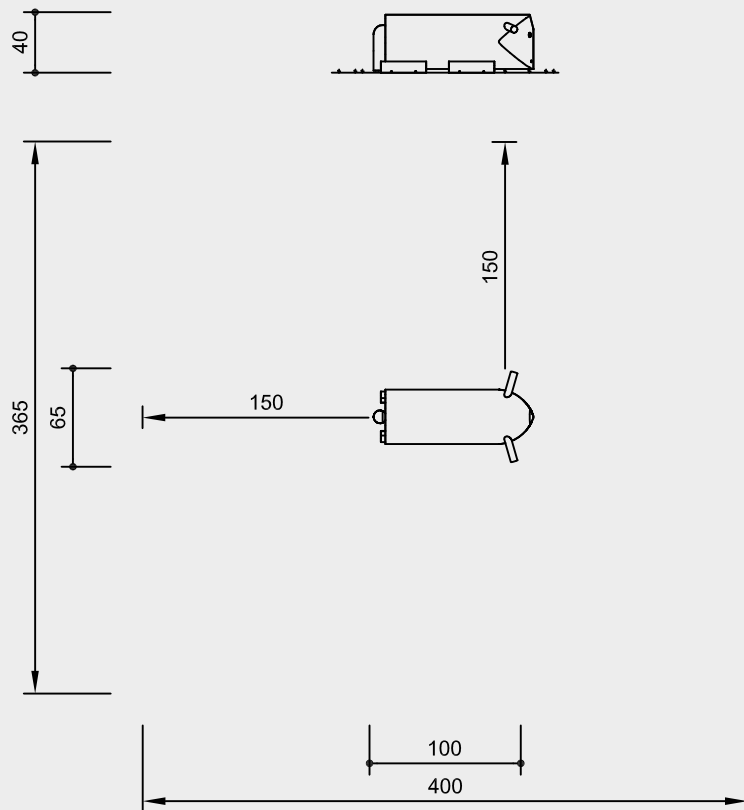


4.24196

Order No. 4.24195 Sheep, standing

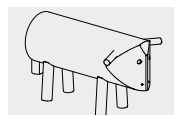


Order No. 4.24196 Sheep, resting

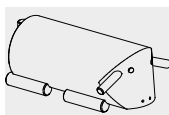


Scale 1:50

Safety check according to EN 1176



4.24195



4.24196

Technical information

Equipment of non-impregnated mountain larch

Peeled white

Palisades peeled white means that bark, cambium and sapwood are removed, the natural shape of the trunk is preserved and can be experienced



Ground anchor

All parts used for anchoring to the ground are made of hot-dip galvanised steel or stainless steel



Relief cut

Targeted relief cut as an effective measure against cracks caused by drying. The cut defines the position of the stress equalization in the trunk and minimises natural cracking



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

Dimensions

(small deviations possible)

Height	
Sheep, standing	0.60 m
Sheep, resting	0.40 m
Length	1.00 m
Width	0.65 m
Weight	
Sheep, standing	80 kg
Sheep, resting	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 ≤ 0.60 m
(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.

Play value

Our big and small snails are versatile and attractive design elements especially suited for the small children's area. The friendly animals can be used as comfortable seats or just to hold onto lovingly. Often, they will be integrated into role-play games. Due to their emotional appeal, they also act as identifying features that help children to develop a connection to the playground.



Order No. 4.24230 Snail



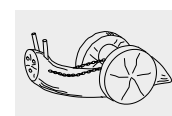
Fundamental characteristics

- Child-oriented dimensions according to ergonomic knowledge
- emotionally appealing design
chunky body
- Experience: large, thick trunks with natural phenomena such as year rings and branches

Recommended for

- Children under 3 years
- Kindergarten children
- School children
- Supervised play areas, such as kindergartens, schools, after-school programmes or similar
- Public play areas without supervision, such as playgrounds, parks or similar

Snail Little Snail

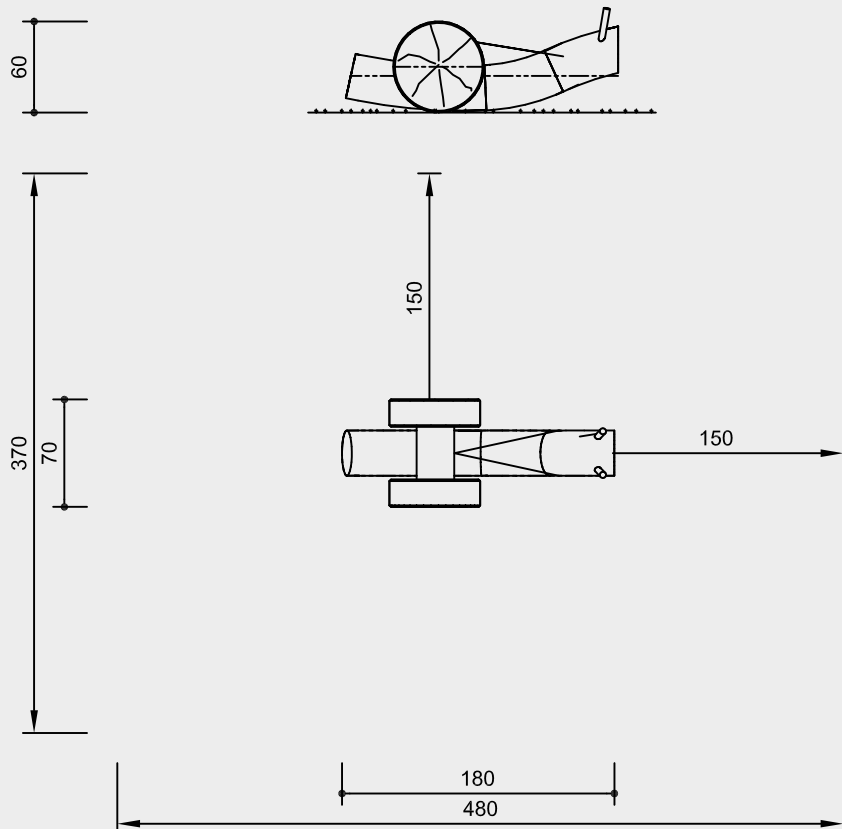


4.24230

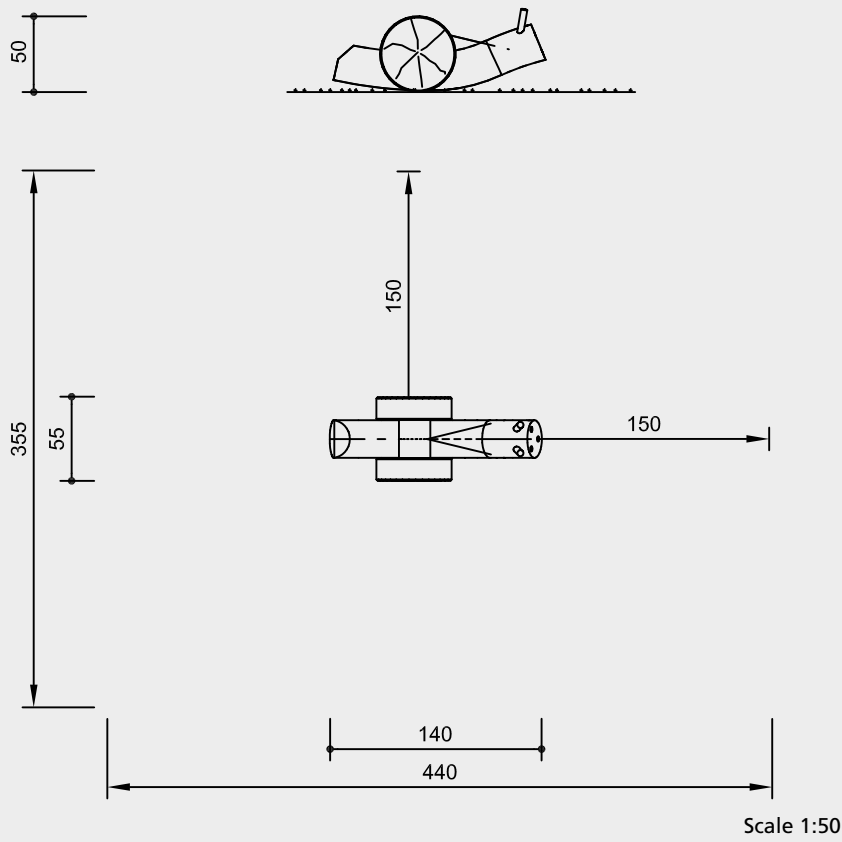


4.24235

Order No. 4.24230 Snail

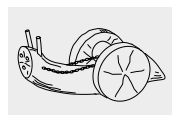


Order No. 4.24235 Little Snail



Scale 1:50

Safety check according to EN 1176



4.24230



4.24235

Technical information

Equipment of non-impregnated mountain larch

Peeled white

Palisades peeled white means that bark, cambium and sapwood are removed, the natural shape of the trunk is preserved and can be experienced



Ground anchor

All parts used for anchoring to the ground are made of hot-dip galvanised steel or stainless steel



Chains

Chains made of hot-dip galvanized steel (1.4301 / 1.4571 at extra charge) welded before galvanising, short-linked, without eyelets on the connecting parts, easy to exchange and shorten



Relief cut

Targeted relief cut as an effective measure against cracks caused by drying. The cut defines the position of the stress equalization in the trunk and minimises natural cracking



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

Dimensions

(small deviations possible)

Order no. 4.24230 Snail

Height	0.60 m
Length	1.80 m
Width	0.70 m
Weight	200 kg

Order No. 4.24235 Little Snail

Height	0.50 m
Length	1.40 m
Width	0.55 m
Weight	150 kg

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 in order 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.

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, little wobble effect

Recommended for

- Kindergarten children
- Supervised play areas, such as kindergartens, schools, after-school programmes or similar
- Public play areas without supervision, such as playgrounds, parks or similar



Order No. 4.24274 Wobbly Calf



Order No. 4.24270 Wobbly Sheep

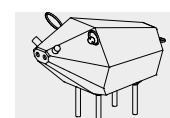
Wobbly Sheep
Wild Boar
Wobbly Calf



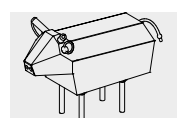
Order No. 4.24273 Wild Boar



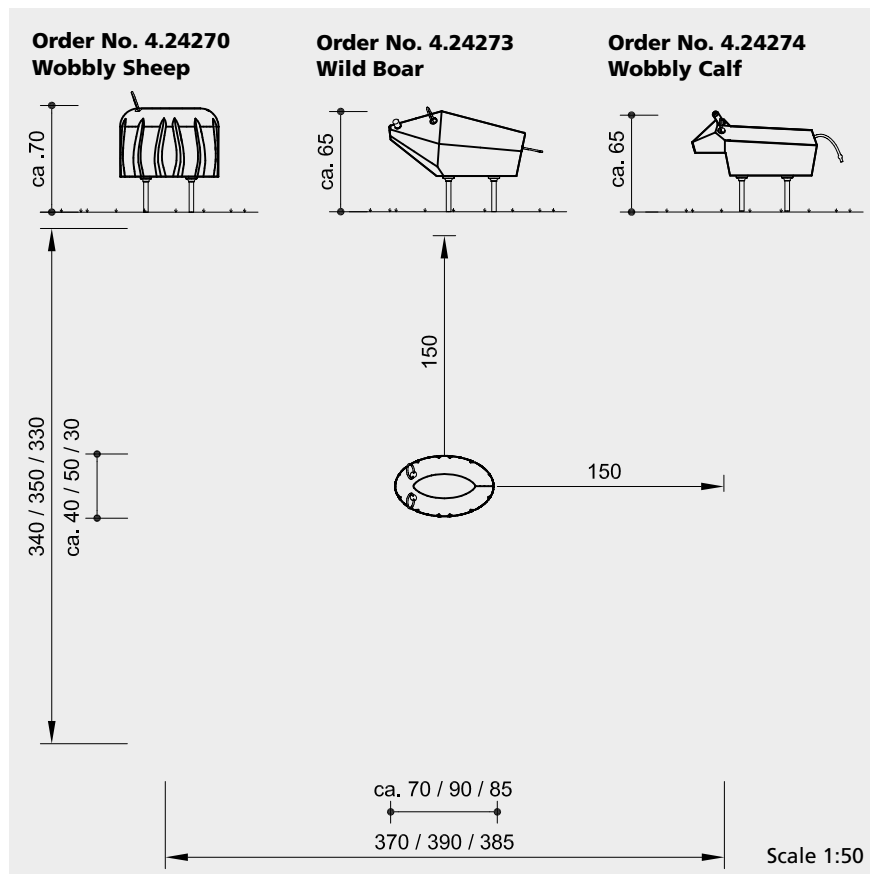
4.24270



4.24273



4.24274



Safety check according to EN 1176

Components

1 animal with wobbling mechanism,
in various sizes, with 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 40 cm

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

Technical information

Equipment of solid poplar wood, worked
on by hand, boiler pressure impregnated
according to DIN 68800-3, use class 4

Richter Hercules type rope

Richter Hercules type rope, a combinati-
on of galvanised six-strand steel cables
and polyester yarn, diameter > 20 mm,
laid and glued with very good abrasion
resistance, strong sheathing even in the
case of damage by puncturing



Ground anchor

All parts used for anchoring to the
ground are made of hot-dip galvanised
steel or stainless steel



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

Bearing: rubber-metal connection only
intended for gentle movement

Dimensions

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

Order No. 4.24270 Wobbly Sheep

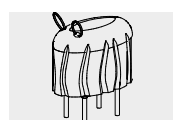
Length	0.70 m
Height	0.70 m
Width	0.40 m
Weight	125 kg

Order No. 4.24273 Wild Boar

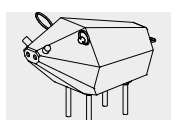
Length	0.90 m
Height	0.65 m
Width	0.50 m
Weight	140 kg

Order No. 4.24274 Wobbly Calf

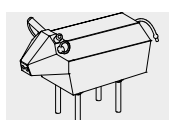
Length	0.85 m
Height	0.65 m
Width	0.30 m
Weight	100 kg



4.24270



4.24273



4.24274



Order No. 4.60110 Seal, concrete grey



Order No. 4.65040 Pony, orange

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
- Completely dyed special concrete
- Incentive for playing: animals with a friendly appearance
- Movement: climbing, sitting, stroking



Order No. 4.64010 Turtle, yellow

Stroking Stones

Recommended for

- Children under 3 years
- Kindergarten children
- Supervised play areas such as kindergartens, schools, after-school programmes or similar
- Public play areas such as kindergartens, schools, after-school programmes or similar

Barrier-free

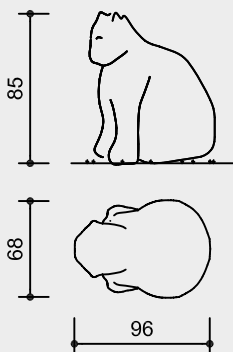
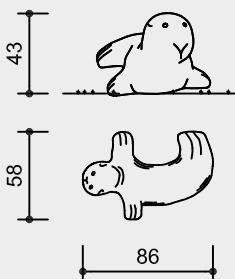
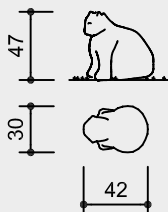
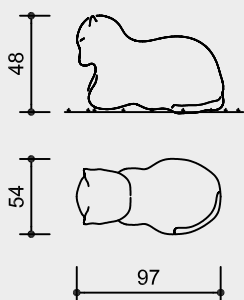
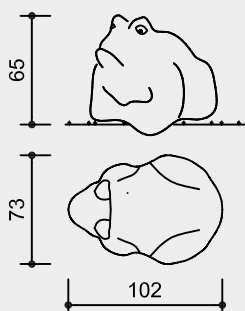
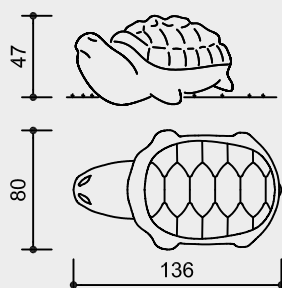
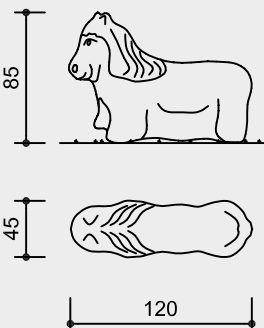
- Independent play

Note

Original colours and surface structure may deviate from the colours in the pictures.



4.60010 - 4.65070

**Order No. 4.60010 -
4.60070 Big Sitting Cat**

**Order No. 4.60110 -
4.60170 Seal**

**Order No. 4.61010 -
4.61070
Small Sitting Cat**

**Order No. 4.62010 -
4.62070 Resting Cat**

**Order No. 4.63010 - 4.63070
Frog**

**Order No. 4.64010 - 4.64070
Turtle**

**Order No. 4.65010 - 4.65070
Pony**


Scale 1:50

Safety check according to EN 1176

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.

Technical changes reserved.

Technical information

All Stroking Stones are made of special concrete, which is completely dyed before processing. After the concrete has cured, the surface is given a stone-like finish in a further processing step. 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

Order No.	Height	Width	Length
4.60010	0.85 m	0.68 m	0.96 m
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
4.63010	0.65 m	0.73 m	1.02 m
4.64010	0.47 m	0.80 m	1.36 m
4.65010	0.85 m	0.45 m	1.20 m

Order No.	Weight (without box)
4.60010	570 kg
4.60110	115 kg
4.61010	75 kg
4.62010	325 kg
4.63010	440 kg
4.64010	519 kg
4.65010	450 kg

4.60010 - 4.65070

58



Order No. 4.70070 Small Turtle, concrete grey



Order No. 4.66060 Dog, charcoal



Order No. 4.73020 Lop-eared Rabbit, brown

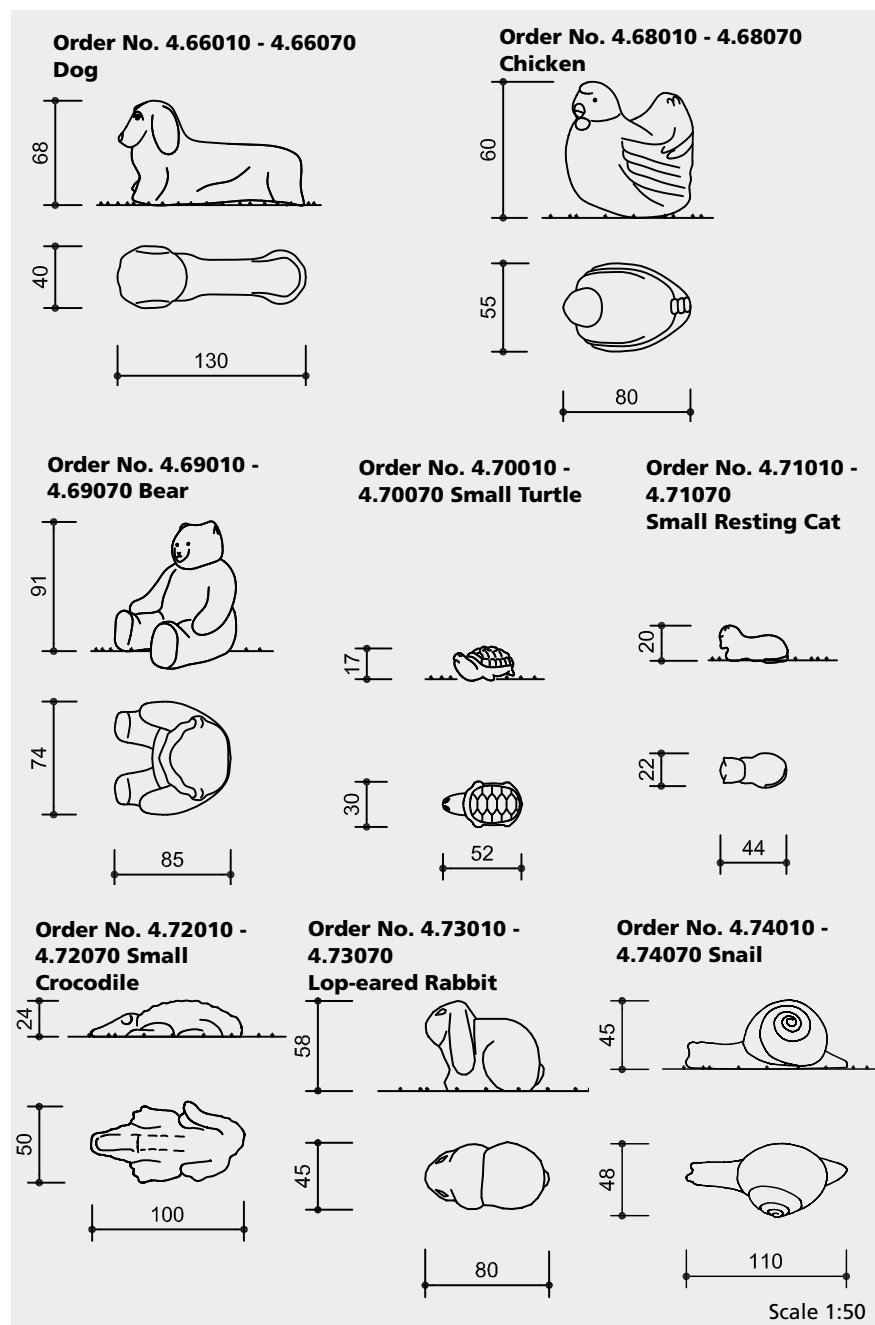
Stroking Stones

Note

Original colours and surface structure may deviate from the colours in the pictures.



4.66010 - 4.74070



Safety check according to EN 1176

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.

Technical changes reserved.

Technical information

All Stroking Stones are made of special concrete, which is completely dyed before processing. After the concrete has cured, the surface is given a stone-like finish in a further processing step. 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
4.66010	0.68 m	0.40 m	1.30 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
4.74010	0.45 m	0.48 m	1.10 m

Order No.	Weight (without box)
4.66010	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
4.74010	225 kg



4.66010 - 4.74070

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.



Order No 4.24130 Horse



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

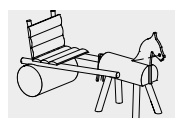
Recommended for

- Children under 3 years
- Kindergarten children
- Schoolchildren
- Public play areas without supervision, such as playgrounds, parks or similar
- Supervised play areas, such as kindergartens, schools, after-school programmes or similar
- Private play areas without supervision, such as camp sites or similar

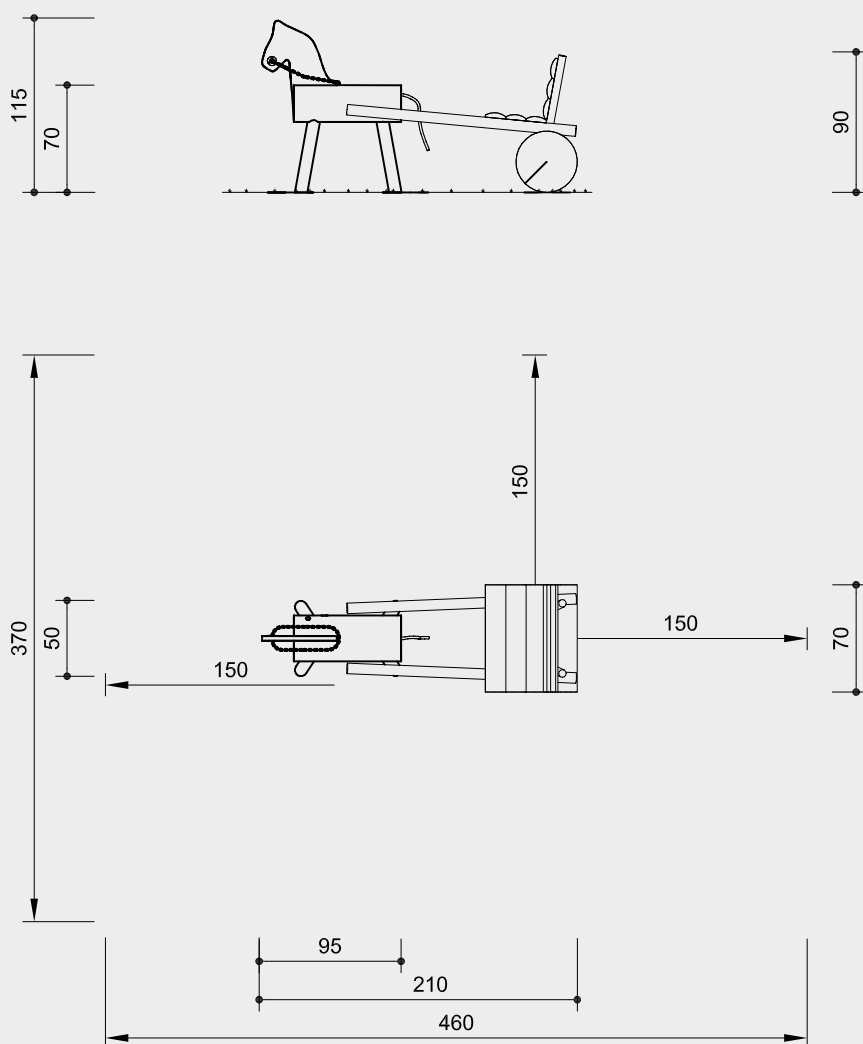
Horse „Peter“ Horse-cart



4.24130



4.24140

Order No. 4.24140 „Peter“ Horse-cart


Scale 1:50

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
1 cart
5 foundation irons

Installation information

Surfacing requirements corresponding to a fall height of ≤ 1.00 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 80 x 15 cm excavation depth 35 cm

Order No. 4.24140

2 items 30 x 80 x 15 cm excavation depth 35 cm
1 item 30 x 60 x 15 cm excavation depth 35 cm

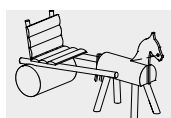
Attention:

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

Technical changes reserved.



4.24130



4.24140

Technical information

Equipment of non-impregnated mountain larch

Peeled white

Palisades peeled white means that bark, cambium and sapwood are removed, the natural shape of the trunk is preserved and can be experienced


Core-free

Sawn-timbers core-free, thus decreasing occurrences of cracking and undesired changes in shape


Claddings

Claddings made of mountain larch (4 – 5 cm) and spruce / fir (3 – 5 cm). Peeled white by hand, natural tree surface remains tangible and perceptible


Plywood

Plywood made of mountain larch, three-layer (3 cm), five-layer (4 cm). High dimensional stability, waterproof, glued according to DIN EN 13353:2011


Ground anchor

All parts used for anchoring to the ground are made of hot-dip galvanised steel or stainless steel


Chains

Chains made of hot-dip galvanized steel (1.4301 / 1.4571 at extra charge) welded before galvanising, short-linked, without eyelets on the connecting parts, easy to exchange and shorten


Relief cut

Targeted relief cut as an effective measure against cracks caused by drying. The cut defines the position of the stress equalization in the trunk and minimises natural cracking



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

Tail made of PP rope, 16 mm, 3 strands

Dimensions
deviations possible)
Order No. 4.24130 Horse

Height	1.15 m
Length	0.95 m
Width	0.50 m
Weight	35 kg

Order No. 4.24140 „Peter“ Horse-cart

Height	1.15 m
Length	2.10 m
Width	0.70 m
Weight	110 kg



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.

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.

Recommended for

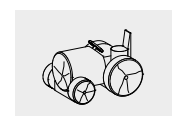
- Children under 3 years
- Kindergarten children
- Schoolchildren
- Supervised play areas such as kindergartens, schools, after-school programmes or similar
- Public areas without supervision, such as playgrounds, parks or similar
- Private play areas without supervision, such as camp sites or similar



**Tractor
Trailer for Tractor**



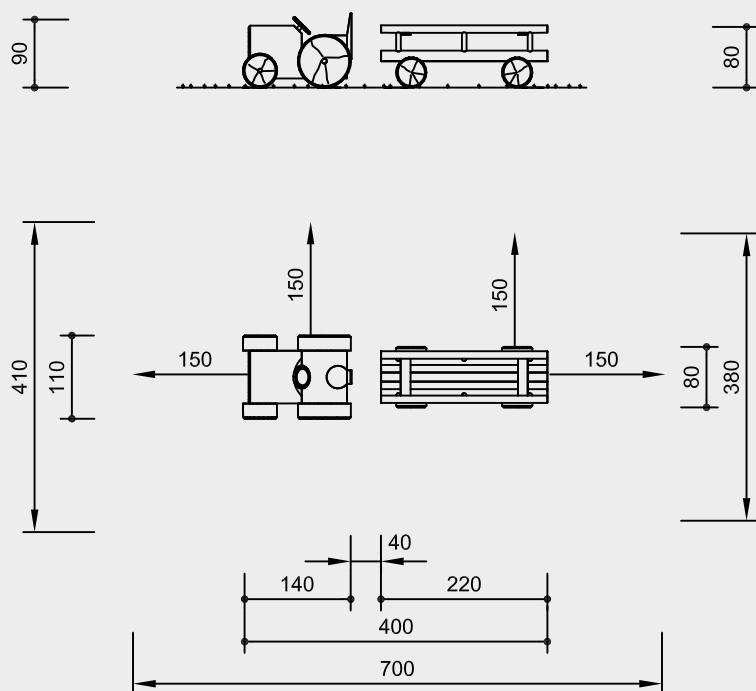
Order No. 4.24010 Trailer



4.24000



4.24010

Order No. 4.24000 Tractor
Order No. 4.24010 Trailer


Scale 1:100

Safety check according to EN 1176

Components
Order No. 4.24000 Tractor

1 Tractor
2 foundation irons

Order No. 4.24010 Trailer

1 Trailer
2 foundation irons

Installation information

Surfacing requirements
corresponding to a fall height ≤ 1.00 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.

Technical information

Equipment of non-impregnated mountain larch

Peeled white

Palisades peeled white means that bark, cambium and sapwood are removed, the natural shape of the trunk is preserved and can be experienced


Core-free

Sawn-timbers core-free, thus decreasing occurrences of cracking and undesired changes in shape


Claddings

Claddings made of mountain larch (4 – 5 cm) and spruce / fir (3 – 5 cm). Peeled white by hand, natural tree surface remains tangible and perceptible


Ground anchor

All parts used for anchoring to the ground are made of hot-dip galvanised steel or stainless steel


Relief cut

Targeted relief cut as an effective measure against cracks caused by drying. The cut defines the position of the stress equalization in the trunk and minimises natural cracking

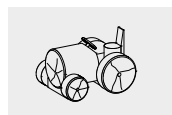

**For more detailed explanation of the
quality characteristics see price list.**
Dimensions

(small deviations possible)

Order No. 4.24000 Tractor

Height 0.90 m
Length 1.40 m
Width 1.10 m
Weight 350 kg

Order No. 4.24010 Trailer for Tractor

Height 0.80 m
Length 2.20 m
Width 0.80 m
Weight 190 kg


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.



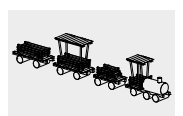
Big Railway

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.

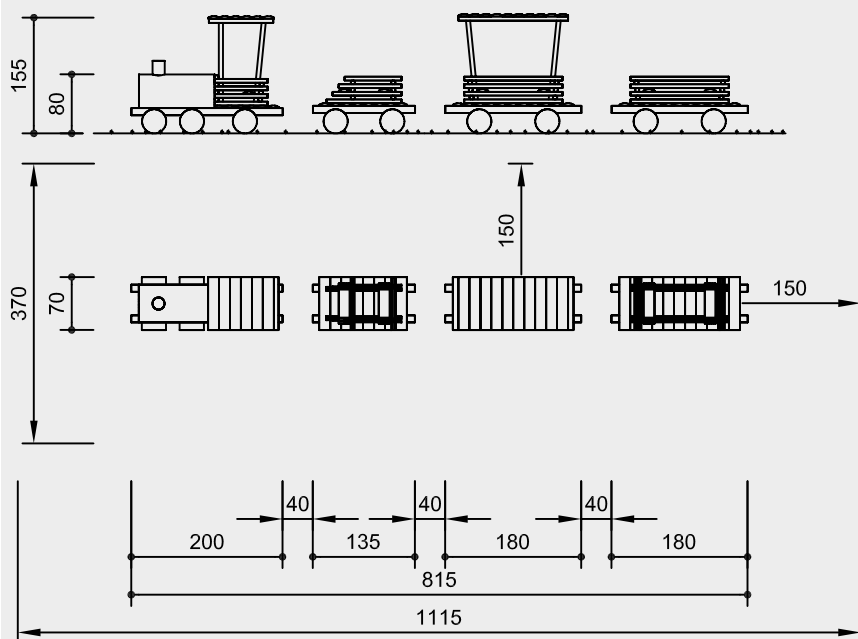
Recommended for

- Children under 3 years
- Supervised play areas, such as kindergartens, schools, after-school programmes or similar
- Public play areas without supervision, such as playgrounds, parks or similar
- Private play areas without supervision, such as camp sites or similar



4.24100

Order No. 4.24100 Big Railway



Scale 1:100

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 ≤ 1.00 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 non-impregnated mountain larch

Peeled white

Palisades peeled white means that bark, cambium and sapwood are removed, the natural shape of the trunk is preserved and can be experienced



Core-free

Sawn-timbers core-free, thus decreasing occurrences of cracking and undesired changes in shape



Claddings

Claddings made of mountain larch (4 – 5 cm) and spruce / fir (3 – 5 cm). Peeled white by hand, natural tree surface remains tangible and perceptible



Ground anchor

All parts used for anchoring to the ground are made of hot-dip galvanised steel or stainless steel



Relief cut

Targeted relief cut as an effective measure against cracks caused by drying. The cut defines the position of the stress equalization in the trunk and minimises natural cracking



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

Bell made of brass

Dimensions

(small deviations possible)

Max. height	1.55 m
Length	1.35 - 2.00 m
Width	0.70 m
Weight	820 kg



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.



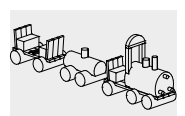
RIKO Railway

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.

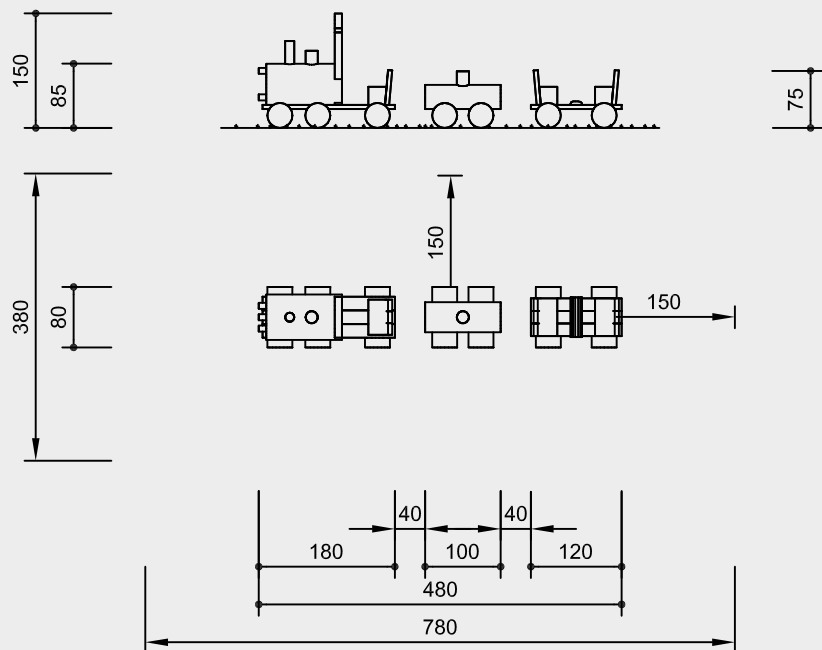
Recommended for

- Children under 3 years
- Supervised play areas, such as kindergartens, schools, after-school programmes or similar
- Public play areas without supervision, such as playgrounds, parks or similar
- Private play areas without supervision, such as camp sites or similar



4.24120

Order No. 4.24120 RIKO Railway



Scale 1:100

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 ≤ 1.00 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 non-impregnated mountain larch

Peeled white

Palisades peeled white means that bark, cambium and sapwood are removed, the natural shape of the trunk is preserved and can be experienced



Core-free

Sawn-timbers core-free, thus decreasing occurrences of cracking and undesired changes in shape



Ground anchor

All parts used for anchoring to the ground are made of hot-dip galvanised steel or stainless steel



Relief cut

Targeted relief cut as an effective measure against cracks caused by drying. The cut defines the position of the stress equalization in the trunk and minimises natural cracking



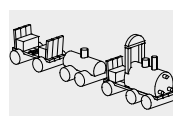
For more detailed explanation of the quality characteristics see price list.

Bell made of brass

Dimensions

(small deviations possible)

Max. height	1.50 m
Lengths	1.00 - 1.80 m
Width	0.80 m
Weight	650 kg



4.24120



Photo © Daniel Perales

Sand and Water

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".



Order No. 4.24309 Awning for Sand Box



Order No. 4.24305 Sand Box

Fundamental characteristics

- Child-oriented dimensions
- Natural wooden surface which appeals to the senses

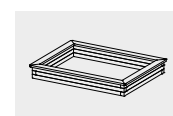
Recommended for

- Children under 3 years
- Supervised play areas, such as kindergartens, schools, after-school programmes or similar

Barrier-free

- With a carer
- Independent play

Sand Box Awning for Sand Box

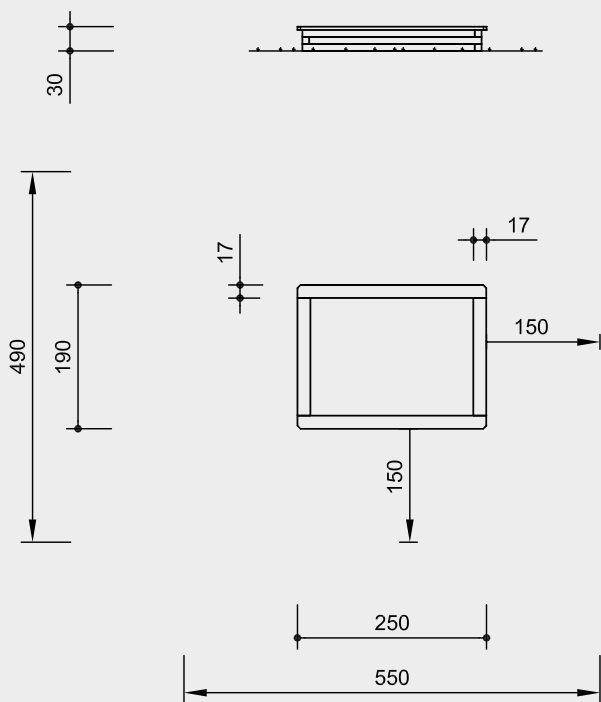


4.24305

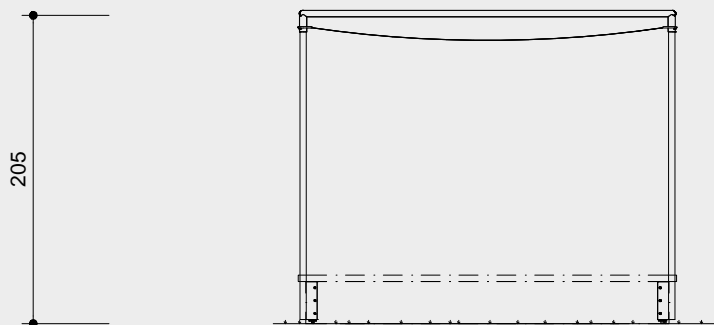


4.24309

Order No. 4.24305 Sand Box



Order No. 4.24309 Awning for Sand Box



Scale 1:100

Safety check according to EN 1176

Components

Order No. 4.24305 Sand Box

- 1 sand box
- 2 ground anchors

Order No. 4.24309 Awning for Sand Box

- 1 Awning incl. fastening material
- 4 steel tubes
- 1 frame

Installation information

Surfacing requirements
no requirements
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.
Technical changes reserved.

Technical information

Equipment of non-impregnated mountain larch

Order No. 4.24305 Sand Box

Core-free

Sawn-timbers core-free, thus decreasing occurrences of cracking and undesired changes in shape



Ground anchor

All parts used for anchoring to the ground are made of hot-dip galvanised steel or stainless steel



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

Order No. 4.24309 Awning for Sand Box

Awning with rectangles, made of mesh fabric, standard colour grey

Frame made of glass-bead blasted stainless steel

Dimensions

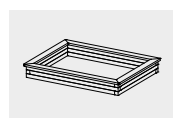
(small deviations possible)

Order No. 4.24305 Sand Box

Height	0.30 m
Length	2.50 m
Width	1.90 m
Weight	160 kg

Order No. 4.24309 Awning for Sand Box

Height	2.05 m
Length	2.50 m
Width	1.95 m
Weight	approx. 55 kg



4.24305



4.24309

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

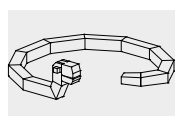


Photo © Daniel Perales

Sand Snake

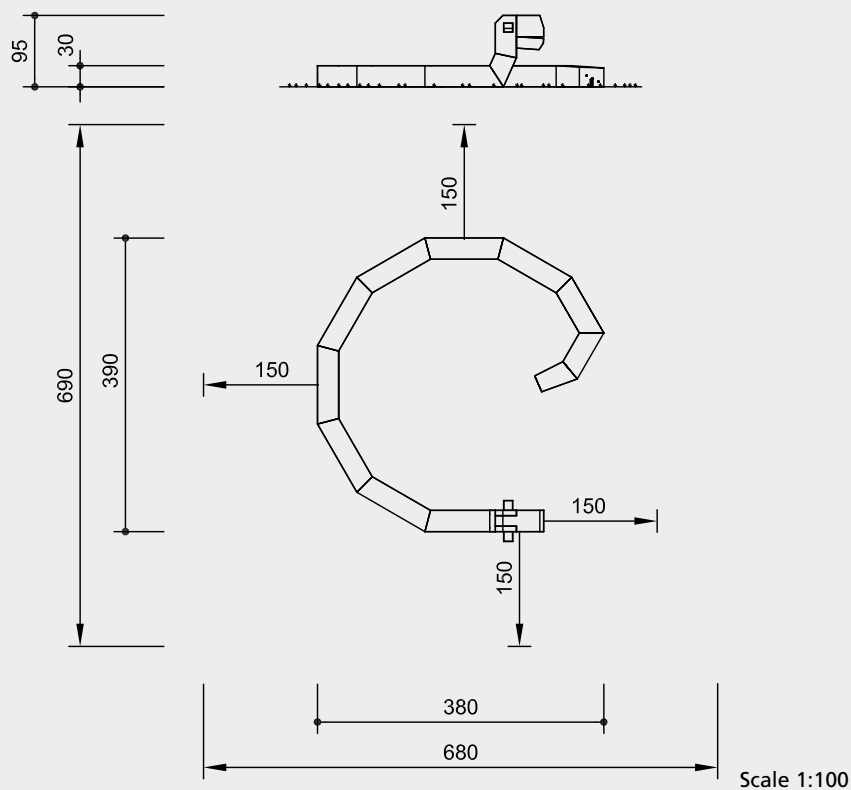
Recommended for

- Children under 3 years
- Kindergarten children
- Supervised play areas such as kindergartens, schools, after-school programmes or similar
- Public areas without supervision, such as playgrounds, parks or similar



5.00001

Order No. 5.00001 Sand Snake



Safety check according to EN 1176

Components

- 1 head
- 1 shuttering for the head foundation
- 7 body elements
- 1 tail
- 3 foundation irons

Installation information

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

Technical changes reserved.

Equipment also available made of laminated beams for hot regions (Order No. 5.00005).

Technical information

Equipment made of non-impregnated mountain larch, cross section 28 / 28 cm

Ground anchor

All parts used for anchoring to the ground are made of hot-dip galvanised steel or stainless steel



Relief cut

Targeted relief cut as an effective measure against cracks caused by drying. The cut defines the position of the stress equalization in the trunk and minimises natural cracking

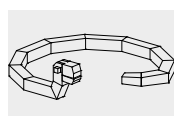


For more detailed explanation of the quality characteristics see price list.

Dimensions

(small deviations possible)

Height	0.30 m
Height of head	0.95 m
Length	3.80 m
Width	3.90 m
Weight	650 kg



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.



Caterpillar Type 01

Fundamental characteristics

- Friendly appearance
- Sand play area
- Peepholes

Recommended for

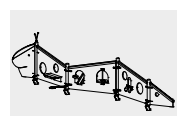
- Children under 3 years
- Kindergarten children
- Supervised play areas such as kindergartens, schools, after-school programmes or similar
- Public play areas such as kindergartens, schools, after-school programmes or similar
- Private play areas without supervision, such as camp sites or similar

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.

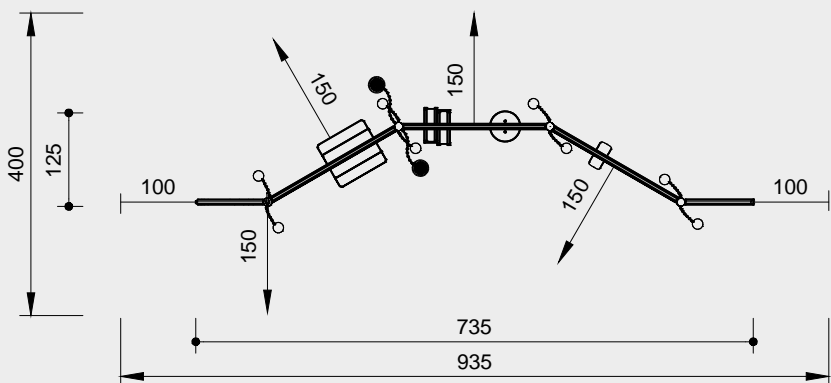
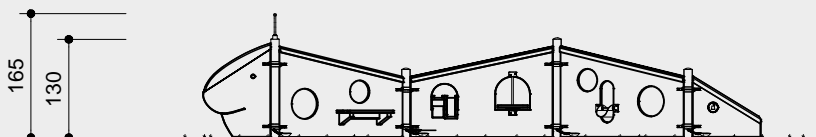
Note

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.



5.00010

Order No. 5.00010 Caterpillar Type 01



Scale 1:100

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
- 4 steel posts to dowel on

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 50 x 50 x 40 cm excavation depth 60 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.

Technical changes reserved.

Technical information

Equipment of non-impregnated mountain larch

Core-free

Sawn-timber core-free, thus decreasing occurrences of cracking and undesired changes in shape



Tongue and groove

Tongue and groove planks made of 4 cm solid wood, highly resilient, no trickling of dust / sand, protection against direct rain



Plywood

Plywood made of mountain larch, three-layer (3 cm), five-layer (4 cm). High dimensional stability, waterproof, glued according to DIN EN 13353:2011



Richter Hercules type rope

Richter Hercules type rope, a combination of galvanised six-strand steel cables and polyester yarn, diameter > 20 mm, laid and glued with very good abrasion resistance, strong sheathing even in the case of damage by puncturing



Aluminium rope pressing

Aluminium rope pressing, cylindrically pressed, with rounded ends



Ground anchor

All parts used for anchoring to the ground are made of hot-dip galvanised steel or stainless steel



Chains

Chains made of hot-dip galvanized steel (1.4301 / 1.4571 at extra charge) welded before galvanising, short-linked, without eyelets on the connecting parts, easy to exchange and shorten



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

Posts and sand sieves made of stainless steel, glass bead blasted

Sand container of textile-reinforced rubber belt, 8 mm thick

Bell made of brass

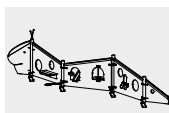
Colour

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

Dimensions

(small deviations possible)

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	350 kg



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.



Fotos © Daniel Perales



Caterpillar Type 02

Fundamental characteristics

- Friendly appearance
- Coloured discs
- Rotating discs

Recommended for

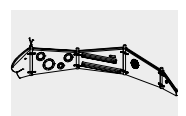
- Kindergarten children
- Supervised play areas such as kindergartens, schools, after-school programmes or similar
- Public play areas such as kindergartens, schools, after-school programmes or similar
- Private play areas without supervision such as camp sites or similar

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.

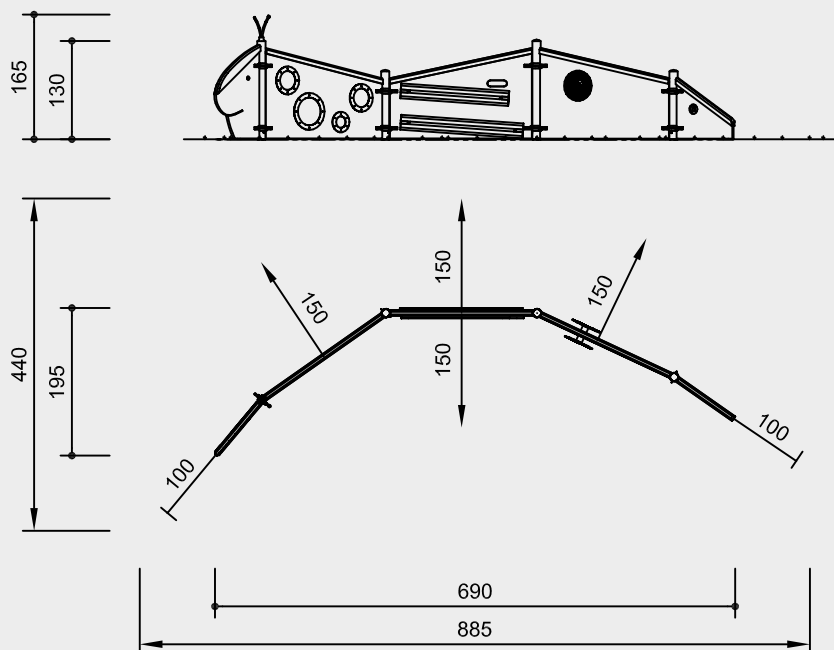
Note

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.



5.00015

Oder No. 5.00015 Caterpillar Type 02



Scale 1:100

Safety check according to EN 1176

Components

- 1 head with horns
- 1 element: coloured discs
- 1 element: marble run with 6 balls
- 1 element: rotating discs
- 1 tail with bell
- 4 steel posts to dowel on

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 50 x 50 x 40 cm excavation depth 60 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.
Technical changes reserved.

Technical information

Equipment of non-impregnated mountain larch

Core-free

Sawn-timbers core-free, thus decreasing occurrences of cracking and undesired changes in shape



Plywood

Plywood made of mountain larch, three-layer (3 cm), five-layer (4 cm). High dimensional stability, waterproof, glued according to DIN EN 13353:2011



Richter Hercules type rope

Richter Hercules type rope, a combination of galvanised six-strand steel cables and polyester yarn, diameter > 20 mm, laid and glued with very good abrasion resistance, strong sheathing even in the case of damage by puncturing



Aluminium rope pressing

Aluminium rope pressing, cylindrically pressed, with rounded ends



Ground anchor

All parts used for anchoring to the ground are made of hot-dip galvanised steel or stainless steel



Roller bearings

Roller bearings made of stainless steel for rotating elements, easy to maintain and exchange, sealed



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

Posts made of stainless steel, glass bead blasted

Bell made of brass

Rotating Discs made of PVC hard integral foam

Printed-on black / white motif anti-glare surface

Vlange and fastening bolts made of stainless steel

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

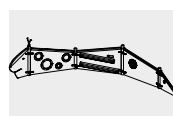
Colour

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

Dimensions

(small deviations possible)

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	260 kg



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 an awning and an opportunity for role-playing games such as "kitchen". The latter can also be fitted with a water connection via a garden hose.



Fundamental characteristics

- Friendly appearance
- Kitchen
- Awning

Recommended for

- Children under 3 years
- Kindergarten children
- Supervised play areas such as kindergartens, schools, after-school programmes or similar

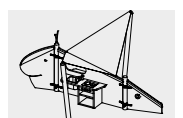
Planning information

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.

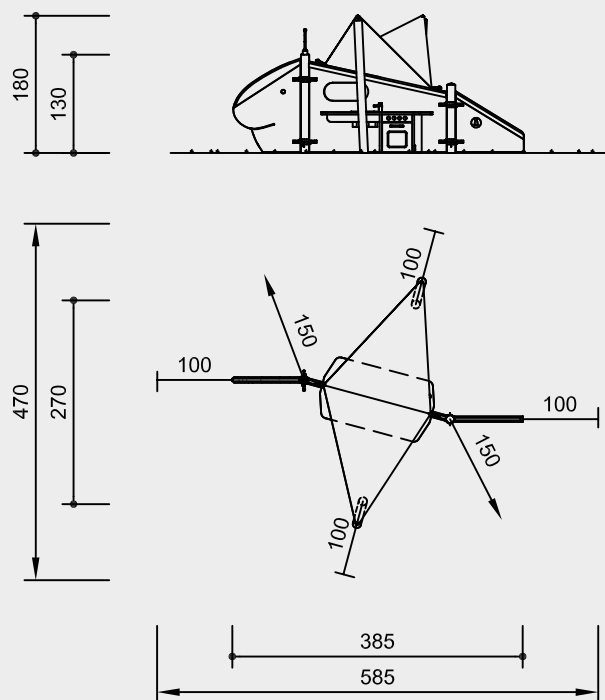
Note

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

Order No. 5.00020 Caterpillar Type 03


Scale 1:100

Safety check according to EN 1176

Components

- 1 head with horns
- 1 element: kitchen
- 1 tail with bell
- 1 awning
- 4 steel posts to dowel on

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 50 x 50 x 40 cm excavation depth 60 cm
- 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.

Technical changes reserved.

Technical information

Equipment of non-impregnated mountain larch

Core-free

Sawn-timbers core-free, thus decreasing occurrences of cracking and undesired changes in shape


Plywood

Plywood made of mountain larch, three-layer (3 cm), five-layer (4 cm). High dimensional stability, waterproof, glued according to DIN EN 13353:2011


Richter Hercules type rope

Richter Hercules type rope, a combination of galvanised six-strand steel cables and polyester yarn, diameter > 20 mm, laid and glued with very good abrasion resistance, strong sheathing even in the case of damage by puncturing


Aluminium rope pressing

Aluminium rope pressing, cylindrically pressed, with rounded ends


Ground anchor

All parts used for anchoring to the ground are made of hot-dip galvanised steel or stainless steel



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

Posts made of stainless steel, glass bead blasted

Bell made of brass

Awning diamond shaped, made of 100 % acrylic, Fluorocarbon finishing with Teflon, lower side PU-coated, colour dark blue

Kitchen cooking plate with stove top optic, 2 sieves made of stainless steel, sink made of stainless steel, knobs made of PE, sill cock with self-closing valve, quick connector for garden hose

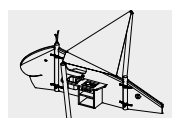
Colour

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

Dimensions

(small deviations possible)

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	200 kg



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.



Caterpillar Type 04

Fundamental characteristics

- Friendly appearance
- Sand play equipment

Recommended for

- Children under 3 years
- Kindergarten children
- Supervised play areas such as kindergartens, schools, after-school programmes or similar
- Public play areas such as kindergartens, schools, after-school programmes or similar
- Private play areas without supervision such as camp sites or similar

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.

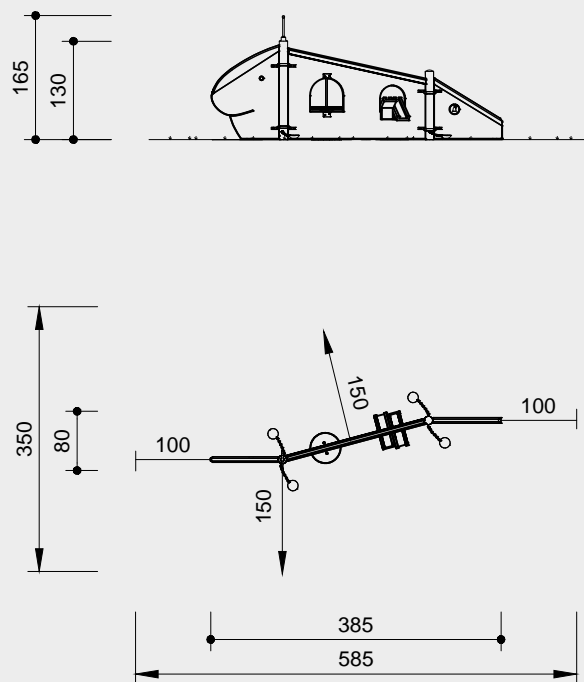
Note

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.



5.00025

Order No. 5.00025 Caterpillar Type 04



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
- 2 steel posts to dowel on

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 50 x 50 x 40 cm excavation depth 60 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.
Technical changes reserved.

Technical information

Equipment of non-impregnated mountain larch

Core-free

Sawn-timbers core-free, thus decreasing occurrences of cracking and undesired changes in shape



Plywood

Plywood made of mountain larch, three-layer (3 cm), five-layer (4 cm). High dimensional stability, waterproof, glued according to DIN EN 13353:2011



Richter Hercules type rope

Richter Hercules type rope, a combination of galvanised six-strand steel cables and polyester yarn, diameter > 20 mm, laid and glued with very good abrasion resistance, strong sheathing even in the case of damage by puncturing



Aluminium rope pressing

Aluminium rope pressing, cylindrically pressed, with rounded ends



Ground anchor

All parts used for anchoring to the ground are made of hot-dip galvanised steel or stainless steel



Chains

Chains made of hot-dip galvanized steel (1.4301 / 1.4571 at extra charge) welded before galvanising, short-linked, without eyelets on the connecting parts, easy to exchange and shorten



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

Posts made of stainless steel, glass bead blasted

Bell made of brass

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

Dimensions

(small deviations possible)

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	150 kg



5.00025

Play value

The Building Site is one of our “work” play offers and provides children with the opportunity to realistically mimic the working world of adults. Heavy loads can be moved using rollers, sand or gravel can be tipped into channels and tubes, a bucket wheel turns around and, depending on the model, a tipper tray also fills up. Carrying out a joint undertaking fosters creative cooperation. The structure should be installed in a bed of sand or gravel. This will allow the element of earth to be ideally incorporated into the play activity.

Fundamental characteristics

- Child-oriented dimensions according to ergonomic knowledge
- Naturally shaped de-barked posts
- Appealing to the senses with its space-defining design
- High-quality design
- Numerous play offers
- Sturdy tongue and groove floor allows for large play space below the platform
- High play value with low space requirement
- Can be combined with other equipment
- Incentive for playing: sand hoists, sand wheel, chains
- Movement: physical exertion, climbing



Special version



Order No. L5.01000 Building Site larch version, Photo © Barbara Evripidou

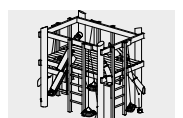
Building Site 01



Photo © Barbara Evripidou

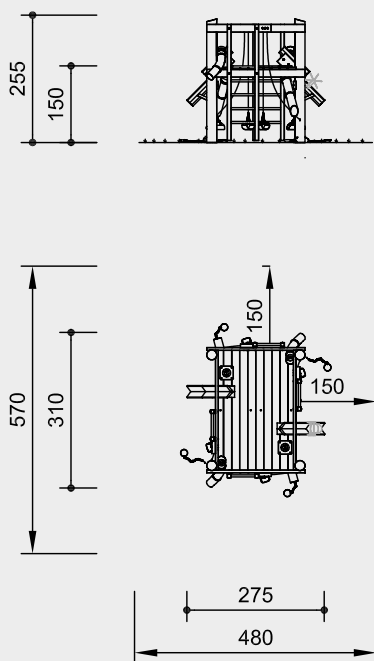
Recommended for

- Kindergarten children
- Schoolchildren
- Supervised play areas such as kindergartens, schools, after-school programmes or similar
- Public areas without supervision, such as playgrounds, parks or similar



5.01000

Order No 5.01000 Building Site 01



Scale 1:150

Safety check according to EN 1176

Components

- 1 platform
- 4 ladders
- 4 sand hoists with 4 shovels
- 4 sand pipes
- 2 sand chutes, 2 levels, 1 sand wheel

Installation information

Surfacing requirements corresponding to a fall height of ≤ 1.50 m (please refer to price list for more detailed information)
Sand is required for correct functioning.

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

Attention:

For all installation dimensions refer to current installation instructions.
Technical changes reserved.
Equipment also available with steel feet or made of larch with steel feet.

Technical information

Equipment made of spruce / fir, larch, ash

Peeled white

Palisades peeled white means that bark, cambium and sapwood are removed, the natural shape of the trunk is preserved and can be experienced



Bevel cut

Vertical stand posts with bevelled end grain section as constructive wood preservation measure



Perforated

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



Core-free

Sawn-timbers core-free, thus decreasing occurrences of cracking and undesired changes in shape



Tongue and groove

Tongue and groove planks made of 4 cm solid wood, highly resilient, no trickling of dust / sand, protection against direct rain



Hardwood rungs

Climbing rungs made of hardwood (ash) Ø 4.2 cm, milled and mortised, secured against twisting, easy to grip and not cold for children to touch



Chains

Chains made of hot-dip galvanized steel (1.4301 / 1.4571 at extra charge) welded before galvanising, short-linked, without eyelets on the connecting parts, easy to exchange and shorten



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

Sand pipes made of plastic, wall thickness approx. 7 mm

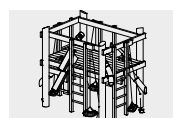
Sand container of textile-reinforced rubber belt, 8 mm thick

Sand wheel hot-dip galvanised

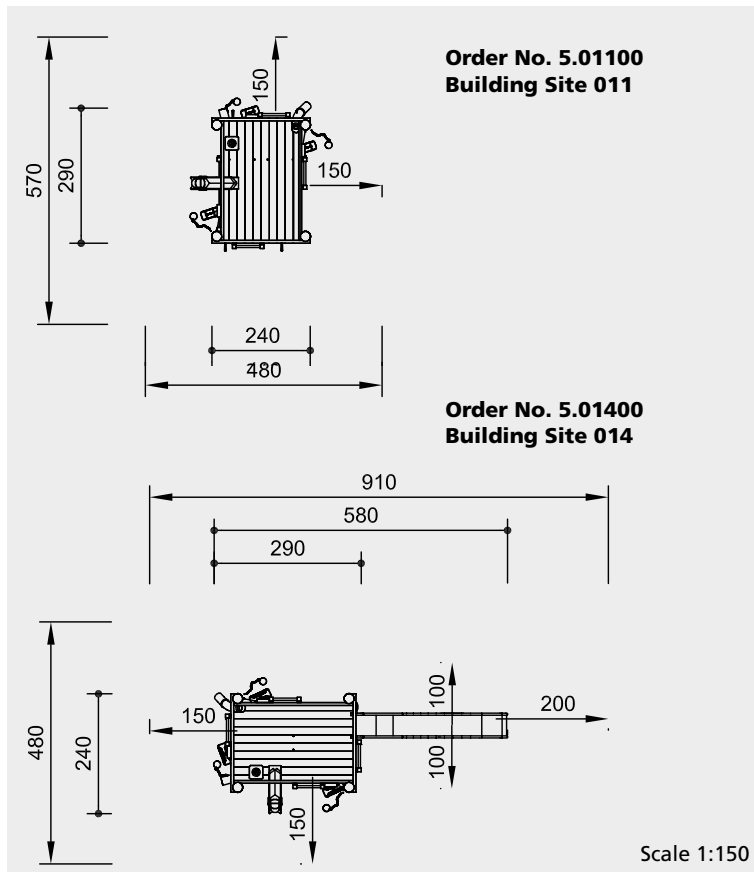
Dimensions

(small deviations possible)

Height	2.55 m
Platform height	1.50 m
Platform floor	1.60 x 2.50 m
Length	3.10 m
Width	2.75 m
Weight	700 kg



5.01000



Safety check according to EN 1176

Components

Order No. 5.01100 Building Site

- 1 platform
- 3 ladders
- 3 sand hoists with 3 shovels
- 2 sand pipes
- 1 sand chute, 2 levels, 1 sand wheel
- 3 walls
- 2 benches, 1 table

Order No. 5.01500 Building Site

- description of materials as before, but in addition:
- 1 stainless steel slide with ground anchor Order No. 3.63020

Order No. 5.01400 Building Site

- 1 platform
- 4 ladders
- 3 sand hoists with 3 shovels
- 2 sand pipes
- 1 sand chute, 2 levels, 1 sand wheel
- 1 stainless steel slide with ground anchor Order No. 3.63020

Installation information

Surfacing requirements corresponding to a fall height of ≤ 1.50 m (please refer to price list for more detailed information)
Sand is required for correct functioning.

Foundations

Building Site

- 4 items 60 x 60 x 60 cm
- excavation depth 80 cm

Slide

- excavation depth for ground anchor 55 cm

Attention:

For all installation dimensions refer to current installation instructions.

Technical changes reserved.

Equipment also available with steel feet or made of larch with steel feet.

Dimensions

(small deviations possible)

Height	2.55 m
Platform height	1.50 m
Platform floor	1.60 x 2.50 m
Length	2.90 m
With slide	5.80 m
Width	2.40 m
Weight	
Order No. 5.01100	800 kg
Order No. 5.01400	700 kg
Order No. 5.01500	850 kg

Technical information

Equipment made of spruce / fir, larch, ash

Peeled white

Palisades peeled white means that bark, cambium and sapwood are removed, the natural shape of the trunk is preserved and can be experienced



Bevel cut

Vertical stand posts with bevelled end grain section as constructive wood preservation measure



Perforated

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



Core-free

Sawn-timbers core-free, thus decreasing occurrences of cracking and undesired changes in shape



Claddings

Claddings made of mountain larch (4 – 5 cm) and spruce / fir (3 – 5 cm). Peeled white by hand, natural tree surface remains tangible and perceptible



Tongue and groove

Tongue and groove planks made of 4 cm solid wood, highly resilient, no trickling of dust / sand, protection against direct rain



Hardwood rungs

Climbing rungs made of hardwood (ash) \varnothing 4.2 cm, milled and mortised, secured against twisting, easy to grip and not cold for children to touch



One-piece construction

(Order No. 5.01400 / 5.01500)

Total construction of the slide made of 2 mm stainless steel, drawn in box form, surface glass bead blasted, without welding seam between sliding surface and side cheek



Chains

Chains made of hot-dip galvanized steel (1.4301 / 1.4571 at extra charge) welded before galvanising, short-linked, without eyelets on the connecting parts, easy to exchange and shorten

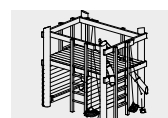


For more detailed explanation of the quality characteristics see price list.

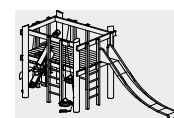
Sand pipes made of plastic, wall thickness approx. 7 mm

Sand container of textile-reinforced rubber belt, 8 mm thick

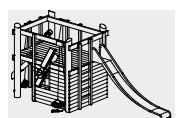
Sand wheel hot-dip galvanised



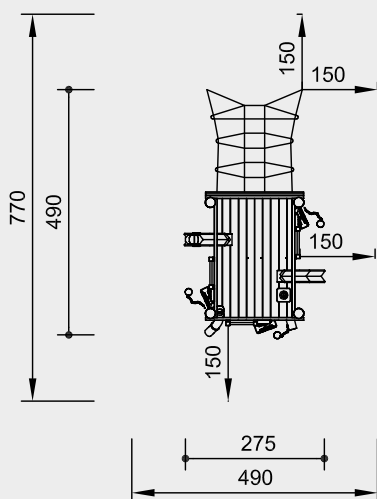
5.01100



5.01400



5.01500

Order No. 5.02000 Building Site 02


Scale 1:150

Safety check according to EN 1176

Components

- 1 platform, height 1.50 m
- 3 ladders
- 3 sand hoists with 3 shovels
- 2 sand pipes
- 2 sand chutes, 2 levels, 1 sand wheel
- 1 inclined climbing net

Installation information

Surfacing requirements corresponding to a fall height of ≤ 1.50 m (please refer to price list for more detailed information)
Sand is required for correct functioning.

Foundations
Building Site

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

Inclined Climbing Net

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

Attention:

For all installation dimensions refer to current installation instructions.

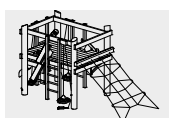
Technical changes reserved.

Equipment also available with steel feet or made of larch with steel feet.

Dimensions

(small deviations possible)

Height	2.55 m
Platform height	1.50 m
Platform floor	1.60 x 2.50 m
Length	4.90 m
Width	2.75 m
Weight	700 kg



5.02000

Technical information

Equipment made of spruce / fir, larch, ash

Peeled white

Palisades peeled white means that bark, cambium and sapwood are removed, the natural shape of the trunk is preserved and can be experienced


Bevel cut

Vertical stand posts with bevelled end grain section as constructive wood preservation measure


Perforated

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


Core-free

Sawn-timbers core-free, thus decreasing occurrences of cracking and undesired changes in shape


Tongue and groove

Tongue and groove planks made of 4 cm solid wood, highly resilient, no trickling of dust / sand, protection against direct rain


Hardwood rungs

Climbing rungs made of hardwood (ash) $\varnothing 4.2$ cm, milled and mortised, secured against twisting, easy to grip and not cold for children to touch


Richter Hercules type rope

Richter Hercules type rope, a combination of galvanised six-strand steel cables and polyester yarn, diameter > 20 mm, laid and glued with very good abrasion resistance, strong sheathing even in the case of damage by puncturing


Aluminium rope pressing

Aluminium rope pressing, cylindrically pressed, with rounded ends


S-connectors

S-connectors $\varnothing 8.1$ mm, made of high-quality stainless steel, rounded


Rope connection fixed

Fixed rope connection without dangerous openings. Screw connection adjustable and countersunk in the wood


Chains

Chains made of hot-dip galvanized steel (1.4301 / 1.4571 at extra charge) welded before galvanising, short-linked, without eyelets on the connecting parts, easy to exchange and shorten



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

Sand pipes made of plastic, wall thickness approx. 7 mm

Sand container of textile-reinforced rubber belt, 8 mm thick

Sand wheel hot-dip galvanised

Play value

Our Building Site Combination offers numerous opportunities for creative play and exercise. The platform can be reached via a climbing net and ladder, while the slide offers a swift getaway. The diverse "work" equipment, hut and the play area under the platform invite children to hide away and engage in different kinds of role-playing games. Working together on the building site is equally enjoyable for both big and small children.



Photo © Barbara Evripidou



Order No. L5.03000 Building Site Combination 03 larch version

Building Site Combination 03

Fundamental characteristics

- Child-oriented dimensions according to ergonomic knowledge
- Space-defining design and natural wooden surface appeal to the senses
- Offers a range of play opportunities
- Large play area underneath the platform
- Incentive for playing: sand hoists, sand wheel, chains, climbing net, swing, slide
- Movement: physical effort, climbing, swinging, sliding

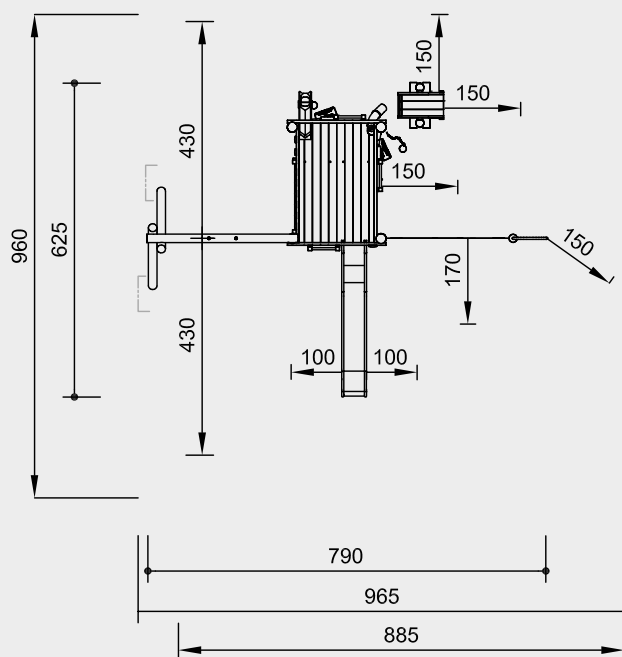
Recommended for

- Kindergarten children
- Schoolchildren
- Supervised play areas such as kindergartens, schools, after-school programmes or similar
- Public areas without supervision, such as playgrounds, parks or similar



5.03000

Order No 5.03000 Building Site Combination 03



Scale 1:150

Safety check according to EN 1176

Components

- 1 platform
- 3 walls
- 2 benches
- 1 table
- 3 ladders
- 2 sand hoists with 2 shovels
- 1 bent sand pipe
- 1 sand chute, 2 levels, 1 sand wheel
- 1 balustrade at the side of the swing
- 1 single swing with swing suspension
- 1 vertical climbing net with firemen's pole Order No. 3.69350
- 1 stainless steel slide with ground anchor Order No. 3.63020
- 1 sand tipper Order No. 5.01200

Installation information

Surfacing requirements depend on overall construction corresponding to a fall height of ≤ 2.00 m (please refer to price list for more detailed information)
Sand is required for correct functioning.

Foundations

Building Site

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

Stainless Steel Slide

excavation depth for ground anchor
55 cm

Vertical Climbing Net

1 item 60 x 60 x 60 cm
excavation depth 80 cm

Firemen's Pole

1 item 40 x 40 x 30 cm
excavation depth 50 cm

Single Swing

2 items 60 x 70 x 60 cm
excavation depth 80 cm

Sand Tipper

1 item 135 x 60 x 50 cm
excavation depth 70 cm

Attention:

For all installation dimensions refer to current installation instructions.
Technical changes reserved.

Equipment also available with steel feet or made of larch with steel feet.

Dimensions

(small deviations possible)

Height	3.00 m
Platform height	1.50 m
Platform floor	1.60 x 2.50 m
Length	6.25 m
Width	7.90 m
Vertical net	1.75 x 2.50 m
Weight	1200 kg

Technical information

Equipment made of spruce / fir, larch, ash

Building Site

refer to Order No. 5.01000

Claddings

Claddings made of mountain larch (4 – 5 cm) and spruce / fir (3 – 5 cm). Peeled white by hand, natural tree surface remains tangible and perceptible



One-piece construction

Total construction of the slide made of 2 mm stainless steel, drawn in box form, surface glass bead blasted, without welding seam between sliding surface and side cheek



Swing seat

Ergonomically shaped swing seat made of rubber with soft shock absorbing edge. Durable due to strong profiled steel insert



Richter Hercules type rope

Richter Hercules type rope, a combination of galvanised six-strand steel cables and polyester yarn, diameter > 20 mm, laid and glued with very good abrasion resistance, strong sheathing even in the case of damage by puncturing



Aluminium rope pressing

Aluminium rope pressing, cylindrically pressed, with rounded ends



S-connectors

S-connectors \varnothing 8.1 mm, made of high-quality stainless steel, rounded



Swing joint

Drop-forged, hot-dip galvanised swing joint with sintered bush and integrated swivel



Rope connection fixed

Fixed rope connection without dangerous openings. Screw connection adjustable and countersunk in the wood



Adjustable

Adjustable two-piece bolt connection, easy to maintain, no projecting threads



Interlocking

Interlocking connection, with milled metal rings or serrated disc dowels, to reinforce the bolt connection under high loads transverse to the grain direction of the wood



Sintered bush

For all reciprocating movements we use sintered plain bearings which are self-lubricating in use and can easily be exchanged if necessary



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

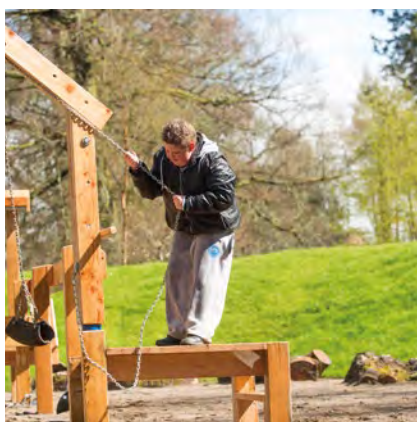
Firemen's Pole \varnothing 42 mm, stainless steel, glass bead blasted



5.03000

Play value

Our Building Site Combination invites young and old to imaginative role plays. In order for the element earth to be experienced accordingly, the scaffolding should be placed in a sand or gravel pit. This allows you to excavate and transport sand to your heart's content, move loads back and forth and tilt them into pipes and bucket wheels. Since several children can play at the same time, the scaffolding promotes communication and cooperation as well as creativity and imagination.



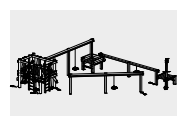
Fundamental characteristics

- Child-oriented dimensions according to ergonomic knowledge
- Naturally shaped de-barked posts
- Appealing to the senses with its space-defining design
- High-quality design
- Numerous play offers
- Sturdy tongue and groove floor allows for large play space below the platform
- High play value with low space requirement
- Can be combined with other equipment
- Incentive for playing: sand hoists, sand wheel, chains
- Movement: physical exertion, climbing

Recommended for

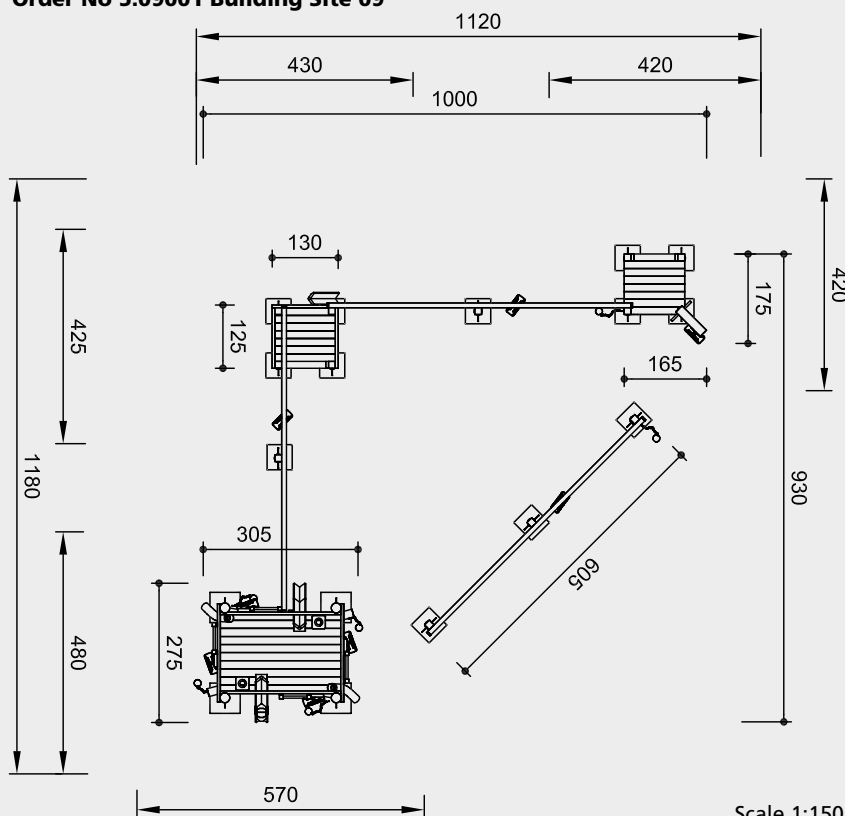
- Kindergarten children
- Schoolchildren
- Supervised play areas such as kindergartens, schools, after-school programmes or similar
- Public areas without supervision, such as playgrounds, parks or similar

Building Site 09



5.09001

Order No 5.09001 Building Site 09



Safety check according to EN 1176

Components

Building Site

- 1 platform
- 4 ladders
- 4 sand hoists with 4 shovels
- 2 straight sand pipes
- 2 bent sand pipes
- 2 sand chutes, 1 sand wheel attached

Transport System

- 3 transport rails incl. stand posts
- 3 tyre segments
- 1 pedestal with step and balustrade on 3 sides
- 1 sand chute
- 1 shovel
- 1 pedestal with step
- 1 crane
- 5 shovels

Installation information

Surfacing requirements corresponding to a fall height of ≤ 1.50 m (please refer to price list for more detailed information)
Play sand is required for correct functioning.

Foundations

Building Site

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

Transport System

5 items 50 x 50 x 60 cm excavation depth 80 cm
8 items 50 x 50 x 60 cm excavation depth 80 cm

Attention:

For all installation dimensions refer to current installation instructions.
Technical changes reserved.

Dimensions

(small deviations possible)

Building Site

Height	2.55 m
Platform height	1.50 m
Platform floor	1.60 x 2.50 m
Length	3.10 m
Width	2.75 m
Weight	1200 kg

Transport System

Length of rails	6.00 m each
Height of rails	1.25 / 1.75 / 2.30 m
pedestals	0.60 m
Side length	1.30 x 1.25 m
Weight	420 kg

Technical information

Equipment made of non-impregnated mountain larch

Peeled white

Palisades peeled white means that bark, cambium and sapwood are removed, the natural shape of the trunk is preserved and can be experienced



Bevel cut

Vertical stand posts with bevelled end grain section as constructive wood preservation measure



Core-free

Sawn-timbers core-free, thus decreasing occurrences of cracking and undesired changes in shape



Tongue and groove

Tongue and groove planks made of 4 cm solid wood, highly resilient, no trickling of dust / sand, protection against direct rain



Laminated wood beams

Laminated wood beams made of non-impregnated larch, glued according to EN 14080:2013; for very large timber cross-sections; comparatively low shrinkage, almost completely free of cracks



Hardwood rungs

Climbing rungs made of hardwood (ash) Ø 4.2 cm, milled and mortised, secured against twisting, easy to grip and not cold for children to touch



Ground anchor

All parts used for anchoring to the ground are made of hot-dip galvanised steel or stainless steel



Chains

Chains made of hot-dip galvanized steel (1.4301 / 1.4571 at extra charge) welded before galvanising, short-linked, without eyelets on the connecting parts, easy to exchange and shorten



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

Sand pipes made of plastic, wall thickness approx. 7 mm

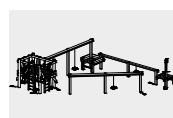
Transport rails galvanised, with rubber buffer

Container wagons with hand protection

Sand wheel hot-dip galvanised

Sand containers made of textile-reinforced rubber belt, 8 mm thick

Sand crane, revolving 350°, axially connected to post, with maintenance free turning mechanism



5.09001

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

Recommended for

- Kindergarten children
- Schoolchildren
- Supervised play areas such as kindergartens, schools, after-school programmes or similar
- Public play areas such as kindergartens, schools, after-school programmes or similar

Planning Information

The single elements can be combined individually.

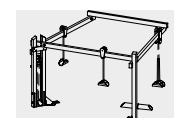
Components Type I and II

- 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 crabs with 1 sand container each
- 1 see-saw chute
- 2 shovels with chain

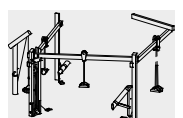
in addition to Type II

- 1 end support with steel foot
- 1 rotating beam with chute
- 1 turning crane with sand hoist and steel foot
- 1 shovel with chain

Sand Transport System for attachment

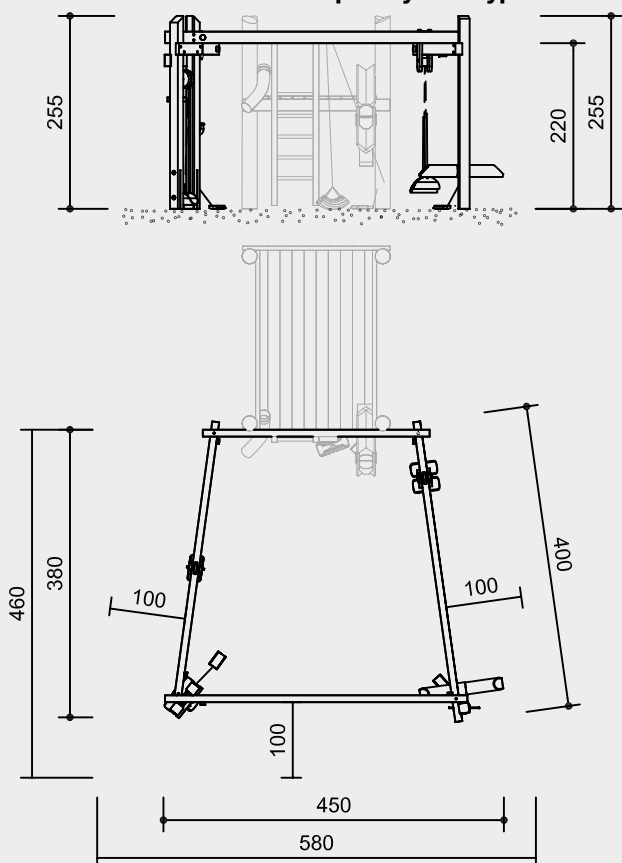


5.06100

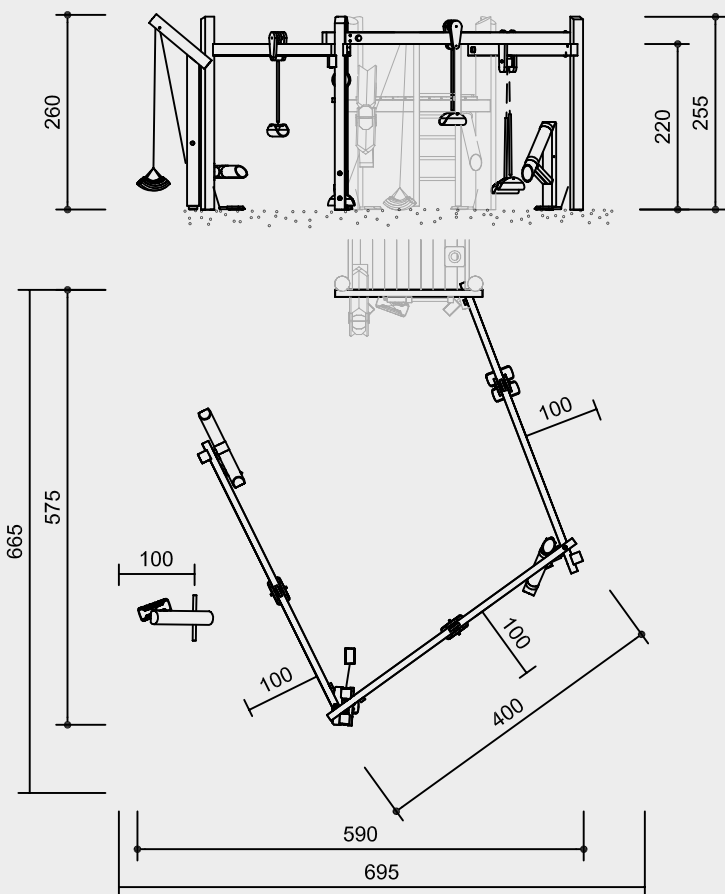


5.06200

Order No. 5.06100 Sand Transport System Type I

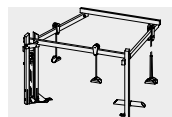


Order No. 5.06200 Sand Transport System Type II

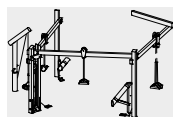


Scale 1:100

Safety check according to EN 1176



5.06100



5.06200

Technical information

Equipment of non-impregnated mountain larch

Bevel cut

Vertical stand posts with bevelled end grain section as constructive wood preservation measure



Core-free

Sawn-timbers core-free, thus decreasing occurrences of cracking and undesired changes in shape



Ground anchor

All parts used for anchoring to the ground are made of hot-dip galvanised steel or stainless steel



Chains

Chains made of hot-dip galvanized steel (1.4301 / 1.4571 at extra charge) welded before galvanising, short-linked, without eyelets on the connecting parts, easy to exchange and shorten



Roller bearings

Roller bearings made of stainless steel for rotating elements, easy to maintain and exchange, sealed



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

Sand container of textile-reinforced PAH-free rubber belt, 8 mm thick, suspended on hose sleeved chains chutes of plastic

bearing of the chute with dampened impact sand crane and turning crane, revolving 350°, with maintenance free turning mechanism

Dimensions

(small deviations possible)

Height	2.55 m
Height sand crane	2.60 m
Length of conveyor tracks	4.00 m
Weight Type I	250 kg
Weight Type II	350 kg

Installation information

No surfacing requirements
(please refer to pricelist for more detailed information)
Sand is required for proper function

Attention:

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

Technical changes reserved.

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.



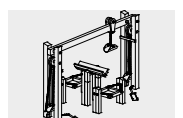
Small Building Site

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

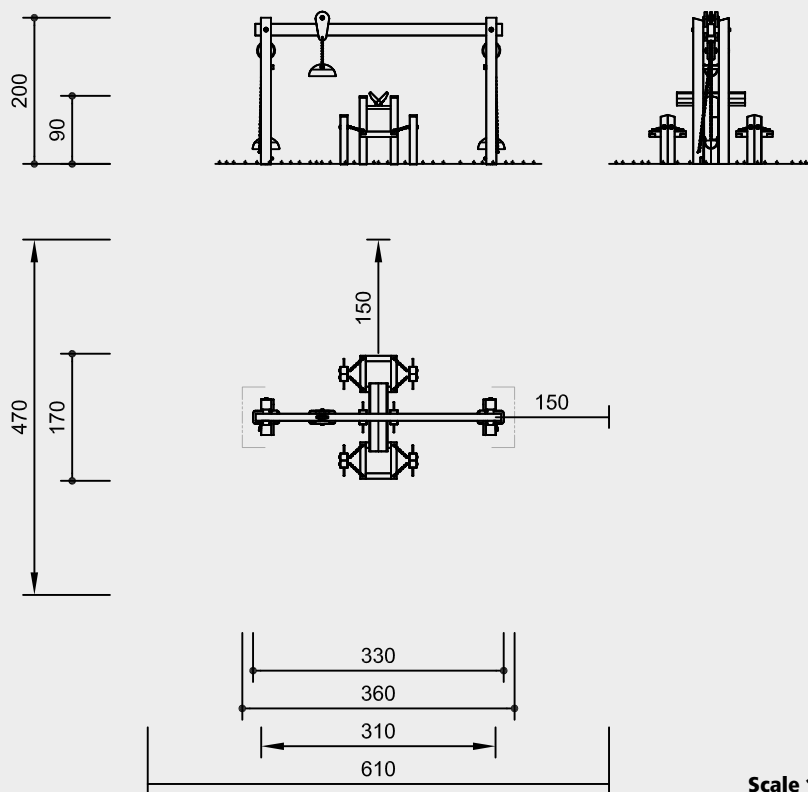
Recommended for

- Kindergarten children
- Schoolchildren
- Supervised play areas such as kindergartens, schools, after-school programmes or similar
- Public play areas such as kindergartens, schools, after-school programmes or similar



5.09300

Order No. 5.09300 Small Building Site



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 price list for more detailed information)

Sand is required for proper function.

Foundations

- Transport frame
- 2 items 60 x 80 x 50 cm excavation depth 70 cm
- Sand see-saw
- 1 item 60 x 60 x 50 cm excavation depth 70 cm
- Sand sieves
- 4 items 40 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.

Technical information

Equipment of non-impregnated mountain larch / oak

Core-free

Sawn-timbers core-free, thus decreasing occurrences of cracking and undesired changes in shape



Profiled washer

Profiled washer for covering protruding screw heads according to standard, improved pressure distribution and protection against water. Impedes loosening the bolt



Adjustable

Adjustable two-piece bolt connection, easy to maintain, no projecting threads



Chains

Chains made of hot-dip galvanized steel (1.4301 / 1.4571 at extra charge) welded before galvanising, short-linked, without eyelets on the connecting parts, easy to exchange and shorten



Roller bearings

Roller bearings made of stainless steel for rotating elements, easy to maintain and exchange, sealed



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

Base frame with steel feet

Sieves of stainless steel

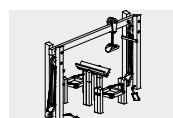
Sand container of textile-reinforced rubber belt, 8 mm thick

Sand see-saw mounted on rubber torsion bushes

Dimensions

(small deviations possible)

Height		2.00 m
Height sand		0.90 m
see-saw Length		3.30 m
Width		1.70 m
Weight		300 kg



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. The feet have overlength, therefore it can be cut at different levels on the construction side. 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.



Photo © Daniel Perales



Photo © Anton Donikov



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

Recommended for

- Kindergarten children
- Supervised play areas such as kindergartens, schools, after-school programmes or similar
- Public play areas such as kindergartens, schools, after-school programmes or similar
- Water play areas without supervision

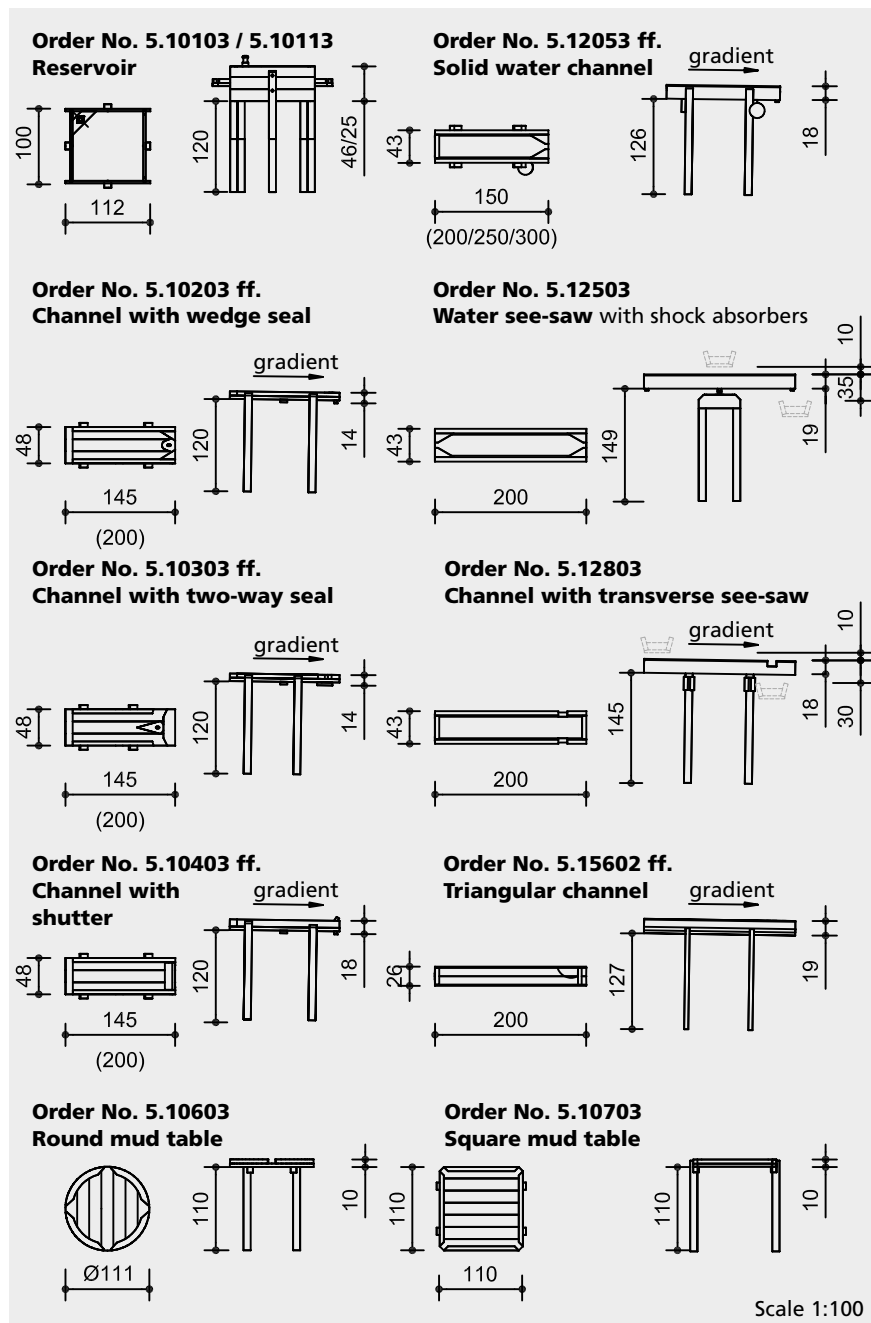
Barrier-free

- Independent play

Water play elements of wood



5.10103 - 5.15602



Safety check according to EN 1176

Components

1 Element
with the corresponding number of
support posts each incl. steel feet



5.10103 - 5.15602

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.

Technical information

Equipment of non-impregnated
mountain larch

Core-free

Sawn-timbers core-free, thus decreasing
occurrences of cracking and undesired
changes in shape



Tongue and groove

Tongue and groove planks made of 4 cm
solid wood, highly resilient, no trickling
of dust / sand, protection against direct
rain



Ground anchor

All parts used for anchoring to the
ground are made of hot-dip galvanised
steel or stainless steel



Order No. 5.10.103 / 5.10113

Plywood

Plywood made of mountain larch,
three-layer (3 cm), five-layer (4 cm). High
dimensional stability, waterproof, glued
according to DIN EN 13353:2011



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

Order No. 5.10103 / 5.10203ff. /
5.10303ff. / 5.10403ff. / 5.15602ff.
Sealed with microcellular rubber

Solid channels

Order No. 5.12053 / 5.12503 / 5.12803
floor plates 10 / 30 cm

Dimensions

(small deviations possible)

See sketches

Weight 30 - 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).

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

Play value

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.



Photo © Daniel Perales

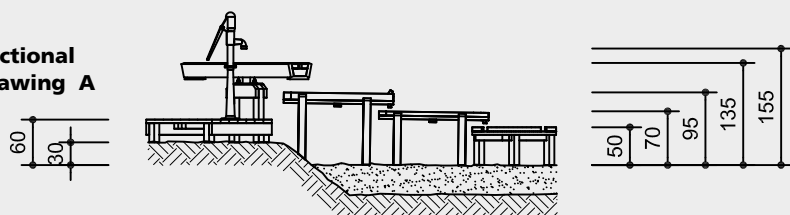


Water play elements
of wood

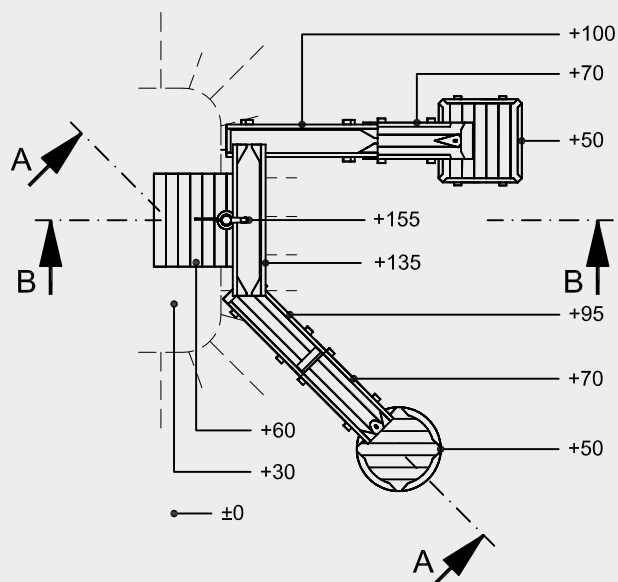
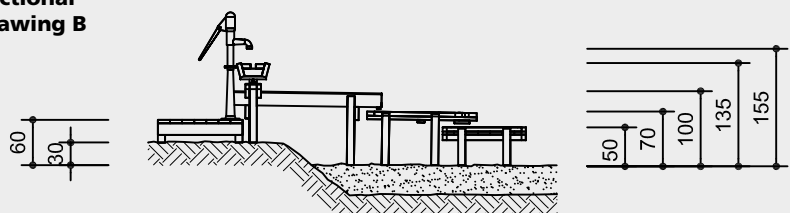


Planning Example

Sectional drawing A



Sectional drawing B

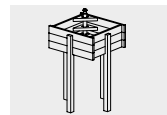


Scale 1:100

* 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.

Order No. 5.10103 / 5.10113

is usually allocated to pump, with bung for sealing; height difference 50 cm * / 30 cm



Order No. 5.10203

can be used as water play table; height difference 17 cm *



Order No. 5.10303

can be used as water play table and as distributor channel; height difference 17 cm *



Order No. 5.10403

can be used as water play table; height difference 21 cm *



Order No. 5.10603

is mostly used as final element of a water way, 4 outlets; height difference 18 cm *



Order No. 5.10703

is mostly used as final element of a water way, 4 outlets; height difference 18 cm *



Order No. 5.12053

basic element of this equipment group available up to 3 m length; height difference 25 to 28 cm *



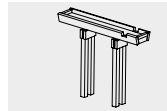
Order No. 5.12503

two-way distributor with sturdy, buffered mechanism height difference 65 cm* to bottom, 15 cm * to top (see side view)



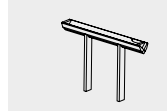
Order No. 5.12803

transverse distributor on rubber buffers; height difference 30 cm* to bottom, 10 cm * to top (see side view)



Order No. 5.15602

standard length 2.00 m, but can also be delivered shorter; height difference 24 cm *



5.10103 - 5.15602



Order No. 5.13000 Water Flooder, Photo © Daniel Perales

Play value

The Water Flooders are suggestive of water spouts and rain gutters. Their deep shape means they can hold a lot of water, provided someone energetically activates the pump. This action allows children to experience swell, flood and fast flowing water.

Fundamental characteristics

- Design with technical appearance
- Incentive for playing: deep shape
- Exercise activity: fine-motor processes, physical effort

Recommended for

- Kindergarten children
- Schoolchildren
- Water play areas without supervision

Barrier-free

- Independent play

Design

The Water Flooders are particularly suited to link bank zones and water areas so that the qualities of both areas become usable as a whole. The gently curved shallow gutters 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 to create an inviting play offer for children. Water Flooders and Water Trays can be combined.



Photo © Daniel Perales

Water play elements of stainless steel

Water Flooder See-Saw Flooder

Planning information

Equipment marked with an arrow must be installed with a gradient of approx. 2 % (= 2 cm per 1 m). For vertical installation of the feet, the gradient has been taken into account during manufacture. This means that both the height of the equipment and the gradient should be taken into account during planning.



Order No. 5.13000 Water Flooder

Photo © Daniel Perales



5.13000 - 5.13050

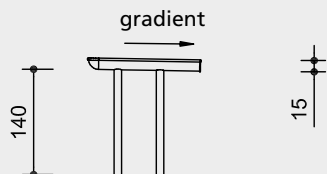
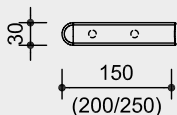
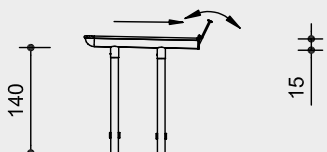
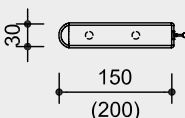


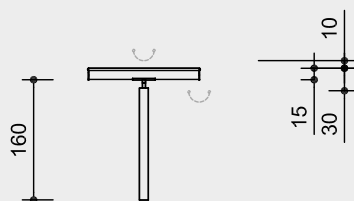
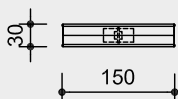
5.13004 / 5.13052



5.13500

Order No. 5.13000 / 5.13050 / 5.13055
Water Flooder

height difference
minimum 24 cm*

Order No. 5.13004 / 5.13052
Water Flooder with locking element

Order No. 5.13500
See-Saw Flooder

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


Scale 1:100

Safety check according to EN 1176

Components

1 Water play element
including the corresponding number of
support posts for putting on

Installation information

Surfacing requirements
no fall height according to the standard
staircase-like constructions may make it
necessary to check the critical fall heights

Recommendation
Ideally, the equipment will be installed
in sand surfacing 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 according to entire
playground.

Foundations according to entire
playground
Depth 70 cm each

Attention:
Exact measurements may vary;
for all installation dimensions refer
to current assembly instructions.

We reserve the right to make technical
alterations!

For use in aggressive environments
such as salt or chlorine water, the
equipment is also available in
marine grade steel (V4A).
Technical information

Equipment made of stainless steel sheet
metal, glass-bead blasted, thickness
2 mm, with ergonomic edge

Sintered bush

For all reciprocating movements we
use sintered plain bearings which are
self-lubricating in use and can easily be
exchanged if necessary

For more detailed explanation of the
quality characteristics see price list.
Order No. 5.13004 / 5.13052
Water Flooder

Flap with rubber seal, self-closing by the
dead weight of the handle

Dimensions

(small deviations possible)

Order No. 5.13000 – 5.13500
Water Flooder

Stand post Ø 100 mm

Order No. 5.13000
Water Flooder

Length 1.50 m
Weight 32 kg

Order No. 5.13002
Water Flooder with 1 foot

Length 1.00 m
Weight 18 kg

Order No. 5.13004
Water Flooder with locking element

Length 1.50 m
Weight 35 kg

Order No. 5.13050 Water Flooder

Length 2.00 m
Weight 36 kg

Order No. 5.13052
Water Flooder with locking element

Length 2.00 m
Weight 39 kg

Order No. 5.13055
Water Flooder

Length 2.50 m
Weight 40 kg

Order No. 5.13070
Water Flooder with 3 feet

Length 3.00 m
Weight 36 kg

Order No. 5.13500
See-Saw Flooder

Length 3.00 m
Weight 54 kg

* The minimum height difference
is the required distance between
a piece of equipment and the next
(downstream). In the case of movab-
le gutters, the specified dimensions
for functionality and safety must be
observed.


5.13000 - 5.13050



5.13004 / 5.13052



5.13500

Play value

These nicely shaped water trays can be arranged in many different ways and can be combined to suit the location. Just like our wooden water play elements, this series also offers static and movable trays as well as different flaps, damming seals and water tables.

Fundamental characteristics

- Special design
- Incentive for playing: wide shape, light reflections, damming seals
- Exercise activity: fine-motor processes, physical effort

Recommended for

- Kindergarten children
- Schoolchildren
- Water play areas without supervision

Barrier-free

- Independant play

Design

The Water Trays are particularly suited to link bank zones and water areas so that the qualities of both areas become usable as a whole. The gently curved shallow gutters 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 to create an inviting play offer for children. Water Trays and Water Flooders can be combined.

Installation information

Surfacing requirements
no fall height according to the standard staircase-like constructions may make it necessary to check the critical fall heights



Order No. 5.14400 Water tray with locking element, Photo © Daniel Perales

Water play elements of stainless steel

Water Tray See-Saw Basin with Shock Absorber Basin with Transverse See-Saw

Recommendation

Ideally, the equipment will be installed in sand surfacing 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 according to entire playground

Foundations according to entire playground approx. 50 x 50 x 50 cm for each stand post Excavation depth 70 cm



5.14050 -
5.14080 / 5.14800



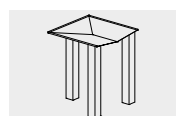
5.14200



5.14400 - 5.14453



5.14520

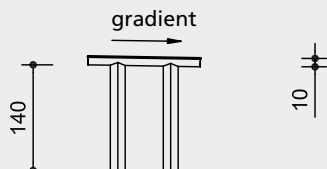
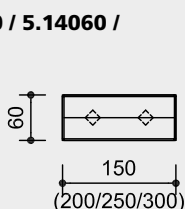


5.14700

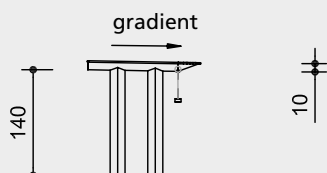
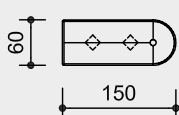
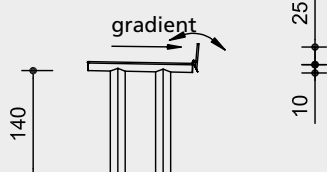
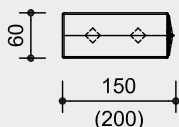


Order No. 5.14050 / 5.14060 /
5.14070 / 5.14080
Water Tray

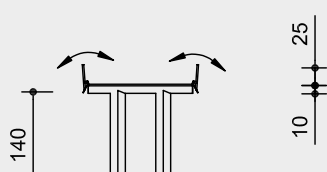
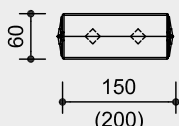
height difference
minimum
14–16 cm*


Order No. 5.14200
Water Trays with Ball Shutter

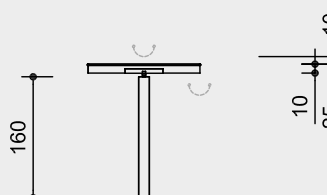
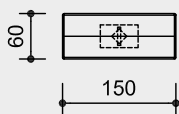
height difference
minimum 14 cm*


Order No 5.14400 / 5.14450
Water Tray with 1 Seal

Order No. 5.14403 / 5.14453 with 2 Seals

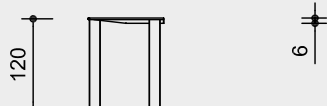
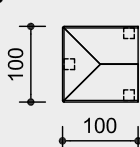
height difference
minimum 14 cm*


Order No. 5.14520
See-Saw Basin with Shock Absorber

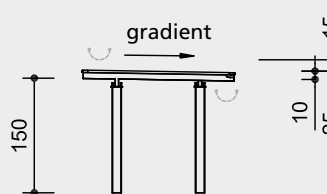
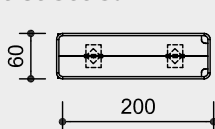
height difference
downwards
minimum 26 cm*
upwards
minimum 10 cm*


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

Safety check according to EN 1176

* The minimum height difference is the required distance between a piece of equipment and the next (downstream). In the case of movable gutters, the specified dimensions for functionality and safety must be observed.

Attention:

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

We reserve the right to make technical alterations!

For use in aggressive environments such as salt or chlorine water, the equipment is also available in marine grade steel (V4A).


5.14050 -
5.14080 / 5.14800

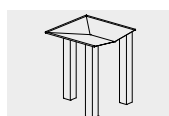

5.14200



5.14400 - 5.14453



5.14520



5.14700

Technical information

Equipment made of stainless steel sheet metal, glass-bead blasted, thickness 2 mm, with ergonomic edge

Sintered bush

For all reciprocating movements we use sintered plain bearings which are self-lubricating in use and can easily be exchanged if necessary



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

Shutters
Order No. 5.14200
Water Trays with Ball Shutter

Polyamide ball, diameter 80 mm

Order No. 5.14400 / 5.14403 / 5.14453
Water Tray with 1 or 2 Seals

Flap with rubber seal, self-closing by the dead weight of the handle

Dimensions

(small deviations possible)

Order No. 5.14050 / 5.14060 / 5.14070 / 5.14080 Water Trays

length 1.50 / 2.00 / 2.50 / 3.00 m

weight 46–64 kg

Order No. 5.14200
Water Trays with Ball Shutter

length 1.50 m

weight 56 kg

Order No 5.14400 / 5.14450
Water Tray with 1 Seal

length 1.50 / 2.00 m

weight 67 kg

Order No. 5.14403 / 5.14453
Water Tray with 2 Seals

length 1.50 / 2.00 m

weight 80 kg

Order No. 5.14520
See-Saw Basin with Shock Absorber

length 1.50 m

weight 56 kg

Order No. 5.14700 Mud Trough

external dim. 1.00 x 1.00 m

weight 51 kg

Order No. 5.14800
Basin with Transverse See-Saw

length 2.00 m

weight 58 kg

Components

1 water play element

including the corresponding number of support posts for putting on

Planning information

Equipment marked with an arrow must be installed with a gradient of approx. 2 % (= 2 cm per 1 m). For vertical installation of the feet, the gradient has been taken into account during manufacture. This means that both the height of the equipment and the gradient should be taken into account during planning.

Play value

The element water, with its infinite forms of expression, is defined by its flow, vitality and power. It is only in ideal cases that a natural spring is located at a playground; however every play space needs water, even if it "only" comes out of a pipeline. A water pump with a swipe is especially attractive, where the act of pumping itself becomes a part of the play value, enabling access to the precious liquid. Even small children are able to pump water on the Crank Handle Pump with little effort. A gentle turn of the wheel is all it takes to get involved in the role-playing game with the element of water.

Fundamental characteristics

- Extremely sturdy playground pump
- Special design
- Incentive for playing: pump swipe (can be adjusted in 45° steps during assembly)
- Water is pumped on the Crank Handle Pump by turning the crank handle or rocking it back and forth
- Exercise activity: physical effort



Order No. 5.17630 Playground Pump

Recommended for

- Kindergarten children
- School children
- Water play areas without supervision



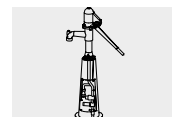
Order No. 5.17637 Crank Handle Pump

Playground Pumps Crank Handle Pumps

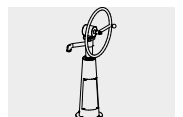
Planning information

These two types of pumps can deliver drinking water quality up to the underside of the piston.

Individual solutions for the water supply must be devised, depending on the plans. Up-to-date details on the connection for the water supply and other technical information is available to download as a table at our website www.richter-spielgeraete.de.



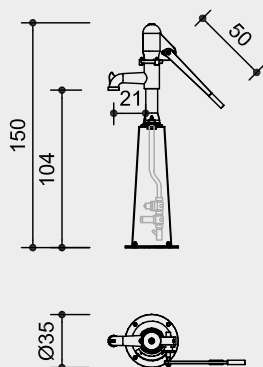
5.17630 / 5.17640



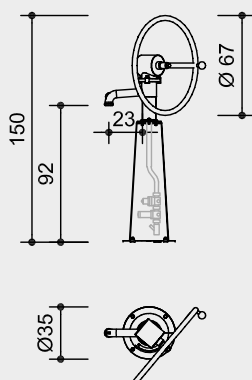
5.17637 / 5.17638

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

Drinking water up to underside of piston


Order No. 5.17637
Crank Handle Pump with integrated connection to mains water in the pillar

Drinking water up to underside of piston



Scale 1:50

Safety check according to EN 1176

Components
Pumps for direct connection to mains water:

No underground shaft required for function.

Order No. 5.17630 / 5.17640

1 playground pump with integrated connection to mains water in the pillar

Order No. 5.17637 / 5.17638

1 Crank handle pump with integrated connection to mains water in the pillar

Installation information

Surfacing must be ready to take heavy duty bolts.

Alternatively, the pumps can be mounted on the pedestals **Order No. 5.14190 / 5.19003** or foundation anchors **Order No. 5.17505 / 5.17630**.

Order No. 5.17630 / 5.17637

Pump must be drained during frost period; secure or remove handle/crank; we recommend disassembly.

Order No. 5.17640 / 5.17638

It is absolutely essential to disassemble the equipment during the period of frost.

Attention:
Exact measurements may vary; for all installation dimensions refer to current assembly instructions.

Technical changes reserved.

For use in aggressive environments such as salt or chlorine water, the equipment is also available in marine grade steel (V4A).
Technical information
Order No. 5.17630 Playground Pump

Closed piston suction pump; all top 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 brass bearing, additionally fixed with the gland flange using the shaft collar; secured against being extracted by means of a collar; drive shaft bearing made of brass with lubricating nipples; pump capacity: approx. 0.75 l per stroke, bore 75 mm, pump lift 170 mm the valve combination for direct connection to mains water, Ø 1 inch, and a shut-off valve with backflow preventer (type EA) and drainage are installed in the galvanised pillar made of steel; thread 1 inch; min. 2.5 bar water pressure, max. 6 bar, relief valve prevents swiipe from striking back, water requirement approx. 45 l/min

Order No. 5.17640

General pump specification as with **5.17630**; plus programmable rinsing device, no connections to power supply required

Order No. 5.17637 Crank Handle Pump

Closed piston suction pump; pump and pillar made of stainless steel; cylinder and crank housing, mounting plate, piston rod and drive shaft made of stainless steel; the drive shaft brass bearing is replaceable, fitted with nipple for lubrication; cylinder with a liner made of brass alloy and plastic piston (POM); crank ring made of stainless steel, knob made of plastic material; the valve combination for direct connection to mains water, Ø 1 inch, and a shut-off valve with backflow preventer (type EA) and drainage are installed in the galvanised pillar made of steel; external thread 1 inch; min 2.5 bar water pressure, max. 6 bar; relief valve prevents swiipe from striking back, water requirement approx. 18 l/min
German registered design No. for 5.17637 / 5.17638:
20 2020 100 441.7

Order No. 5.17638

general pump specification as with **5.17637**; plus programmable rinsing device; no connection to power supply required

Dimensions

Order No. 5.17630 / 5.17640

Equipment height	1.50 m
Width with horizontal pump swiipe	0.95 m
Weight	73 kg

Order No. 5.17637 / 5.17638

Equipment height	1.50 m
Width	0.35/0.67 m
Weight	70 kg

5.17630 / 5.17640

5.17637 / 5.17638

104

Play value

The element water, with its infinite forms of expression, is defined by its flow, vitality and power. And if a playing observer interacts with it, various different sensory impressions are created.

It is only in ideal cases that a natural spring is located at a playground; however every play space needs water, even if it "only" comes out of a pipeline. A water pump with a swipe is especially attractive, where the act of pumping itself becomes a part of the play value, enabling access to the precious liquid. Our robust playground pumps therefore not only serve as a water supply, but also encourage work- and role-playing games and promote communication and cooperation.

Fundamental characteristics

- Sturdy construction
- Special design
- Incentive for playing: pump swipe (can be adjusted in 45° steps during assembly)
- eExercise activity: physical effort

Recommended for

- Kindergarten children
- School children
- Water play areas without supervision



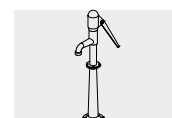
Order No. 5.17500 Playground Pump

Playground Pumps

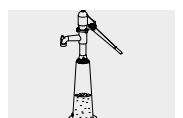
Planning information

Individual solutions for the water supply must be devised, depending on the plans. Up-to-date details on the connection for the water supply and other technical information is available to download as a table at our website www.richter-spielgeraete.de.

The water quality is to be clarified with the operator and the health authorities.



5.17500

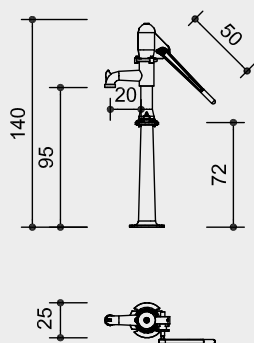


5.17730

Order No. 5.17500

Playground Pump

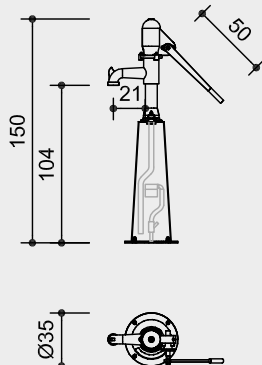
Self-priming



Order No. 5.17730

Playground Pump

with water reservoir in the pillar
Drinking water to underside of the
pump base



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 brass bearing, additionally fixed with the gland flange using the shaft collar; secured against being extracted by means of a collar; drive shaft bearing made of brass with lubricating nipples; pump capacity: approx. 0.75 l per stroke, bore 75 mm, pump lift 170 mm

Order No. 5.17730

Pump as before; the water reservoir with float valve is integrated in the galvanised steel pillar; max. 6 bar water pressure; 1/2 inch external thread, pressure-resistant pipeline Ø 3/4 inch, water requirement approx. 15 l/min

Dimensions

(small deviations possible)

Order No. 5.17500

Equipment height	1.40 m
Width with horizontal pump swipe	0.95 m
Weight	55 kg

Order No. 5.17730

Equipment height	1.50 m
Width with horizontal pump swipe	0.95 m
Weight	73 kg

safety check according to EN 1176

Components

Order No. 5.17500

1 Playground pump

Pumps for direct connection to mains

water: no underground shaft required for proper operation

Order No. 5.17730

1 Playground pump with water reservoir in the pillar

Installation information

Surfacing must be ready to take heavy duty bolts.

Alternatively, the pumps can be mounted on the pedestals **Order No. 5.14190 / 5.19003** or foundation anchors **Order No. 5.17505 / 5.17630**.

Order No. 5.17500 / 5.17730

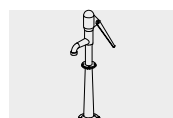
Pump must be drained during frost period; secure or remove handle/crank. We recommend disassembly.

Attention:

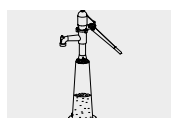
Exact measurements may vary; for all installation dimensions refer to current assembly instructions.

Technical changes reserved.

For use in aggressive environments such as salt or chlorine water, the equipment is also available in marine grade steel (V4A).



5.17500



5.17730



Order No. 5.19003 Pump Pedestal of wood

Play value

Our pump pedestals made of larch wood or stainless steel with a ribbed surface make it easier for smaller children to operate the crank or the swipe of our playground pumps.

Fundamental characteristics

- Sturdy construction
- Minimalist style
- Exercise activity: climbing up

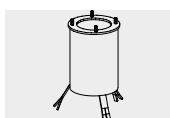
Recommended for

- Kindergarten children
- School children
- Water play areas without supervision

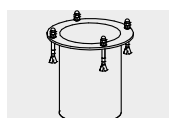


Order No. 5.14190 Pump Pedestal of stainless steel

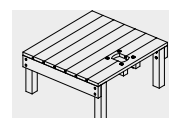
Pump Pedestals
Foundation Anchor
Winter Lid



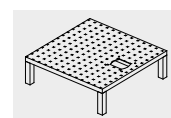
5.17505



5.17633

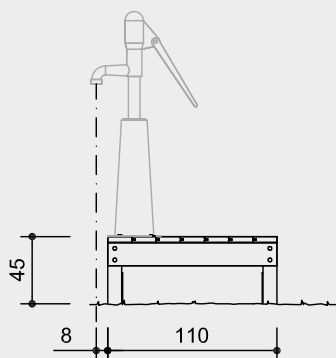


5.19003

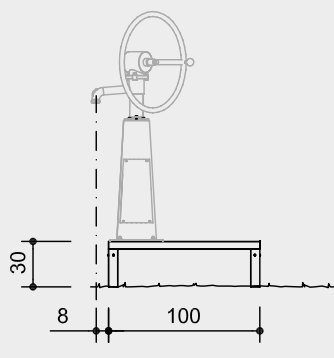


5.14190

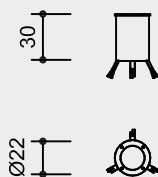
Order No. 5.19003
Pump Pedestal



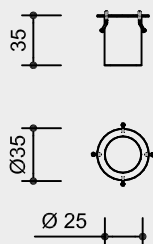
Order No. 5.14190
Pedestal for Pump made of stainless steel



Order No. 5.17505
Foundation Anchor



Order No. 5.17633
Foundation Anchor



Scale 1:50

Safety check according to EN 1176

Components

Order No. 5.17505

1 Foundation anchor

Order No. 5.17633

1 Foundation anchor for pumps

Order No. 5.17634 / 5.17635

1 Winter lid each

Order No. 5.19003

1 Pump pedestal with stand posts and steel feet

Order No. 5.14190

1 Pedestal with 4 support posts made of stainless steel for assembling

Installation information

Surfacing requirements
recommendation: sand with drainage or pavement

Order No. 5.17505

foundations 1 item 60 x 60 x 30 cm
excavation depth 50 cm

Order No. 5.17633

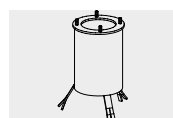
foundations 1 item 60 x 60 x 50 cm
excavation depth 50 cm

Order No. 5.19003/5.14190

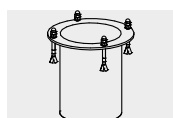
corresponding to a fall height of ≤ 0.60 m
(please refer to price list for more detailed information)

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

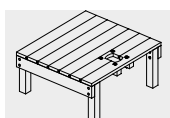
The supply line underneath the pedestals is to be faced on site.



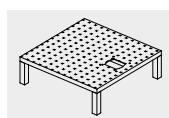
5.17505



5.17633



5.19003



5.14190

Technical information

Order No. 5.19003 Pump Pedestal
Equipment made of mountain larch

Core-free

Sawn-timbers core-free, thus decreasing occurrences of cracking and undesired changes in shape



Ground anchor

All parts used for anchoring to the ground are made of hot-dip galvanised steel or stainless steel



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

Order No. 5.14190

Pedestal for Pump made of stainless steel

Equipment made of stainless steel, glass-bead blasted, surface made of embossed sheet metal, support posts 60 / 60 cm for assembling

For use in aggressive environments such as salt or chlorine water, the equipment is also available in marine grade steel (V4A).

Order No. 5.17505

Foundation Anchor for **Order No. 5.17500** made of galvanised steel

Order No. 5.17635

Winter Lid for **Order No. 5.17505**, made of stainless steel

Order No. 5.17633

Foundation anchor

Foundation anchor made of galvanised steel for **Order Nos. 5.17630 and 5.17730**

Order No. 5.17634

Winter Lid for **Order No. 5.17633**, made of stainless steel

Dimensions

(small deviations possible)

Order No. 5.17505

Height	0.30 m
Diameter	0.22 m
Weight	7.5 kg

Order No. 5.17633

Height	0.35 m
Diameter	0.35 m
Weight	7.5 kg

Order No. 5.17634

Diameter	0.34 m
Thickness	2.5 mm
Weight	2 kg

Order No. 5.17635

Diameter	0.22 m
Thickness	2.5 mm
Weight	1 kg

Order No. 5.19003

Width	1.25 m
Depth	1.10 m
Max. height	0.45 m
Weight	95 kg

Order No. 5.14190

Width	1.00 m
Depth	1.00 m
Max. height	0.30 m
Weight	50 kg

Attention:

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

Technical changes reserved.

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.



Mobile Water Playground

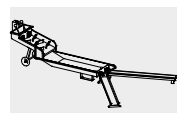
Overflow installations prevent flooding of the immediate area. Two steel channels at the end of the basin make sure that the dammed water flows off in a targeted way.

Fundamental characteristics

- Mobile installation thanks to the "wheelbarrow" design
- Simple plug-in connection with garden hose
- Motivates group organisation
- Exercise activity: fine motor skills

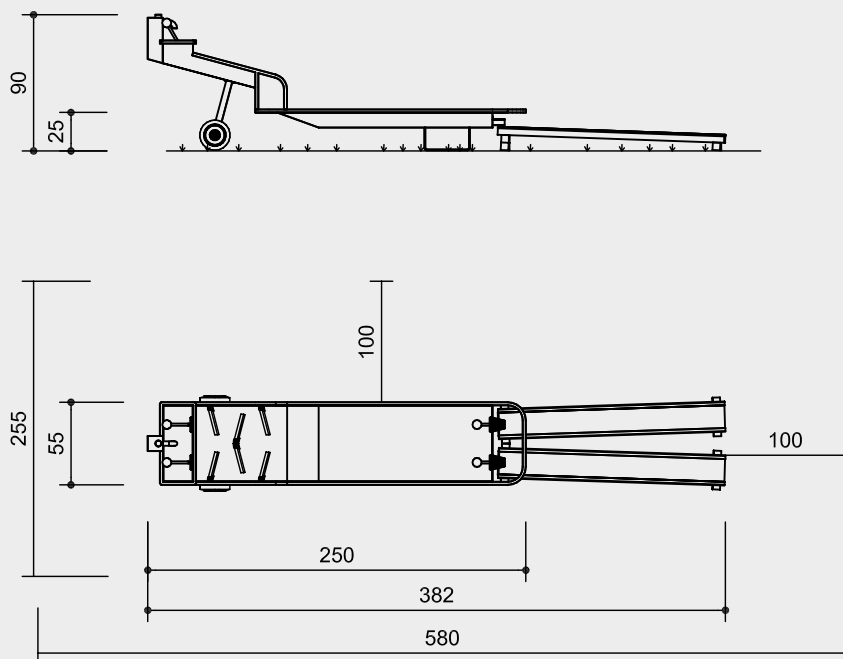
Recommended for

- Kindergarten children
- Supervised play areas such as kindergartens, schools, after-school programmes or similar
- Swimming pools without supervision, such as outdoor pools, adventure pools or similar



5.21800

Order No. 5.21800
Mobile Water Playground



Scale 1:50

Safety check according to EN 1176

Components

- 1 Mobile water playground
- 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.**

Technical changes reserved.

**For use in aggressive environments
such as salt or chlorine water, the
equipment is also available in
marine grade steel (V4A).**

Technical information

Equipment made of stainless steel, glass
bead blasted

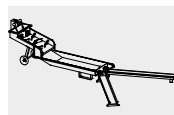
Rubber-tyred wheels

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	90 kg



5.21800

Play value

While playing, children imitate, with intensity, work operations that are part of the adult world. This works extremely well with excavators, 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 to the ground with the included chain. Both excavators can be rotated on their own axis; the large one can also be slewed on a second axis in order to change its radius of movement.



Order No. 5.32000 Small Excavator, Photo © Anton Donikov



Order No. 5.30000 Large Excavator, Photo © Daniel Perales

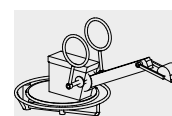
Fundamental characteristics

- Child proportions according to ergonomic requirements
- Improves body coordination
- Incentive for playing: lever arm, shovel
- Exercise activity: physical effort
- Effective technical details: the arms of both excavators are balanced by a counterweight, therefore even smaller children can move the load using their own strength
- Both excavators can be rotated 360 degrees; adjustable rotation area; a brake installed underneath the large excavator is released when a person sits on the excavator

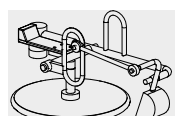
Recommended for

- Kindergarten children
- Schoolchildren
- Supervised play areas such as kindergartens, schools, after-school programmes or similar
- Public play areas such as kindergartens, schools, after-school programmes or similar

Large Excavator Small Excavator

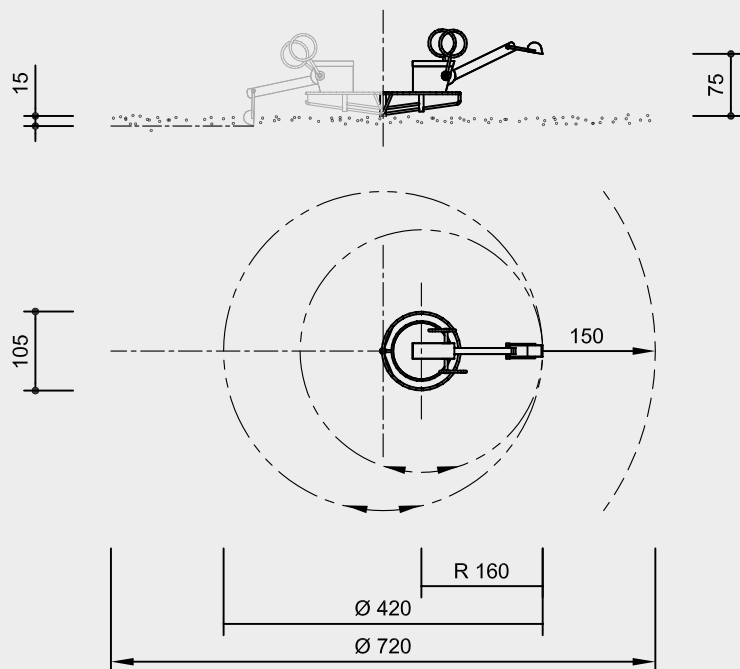


5.30000

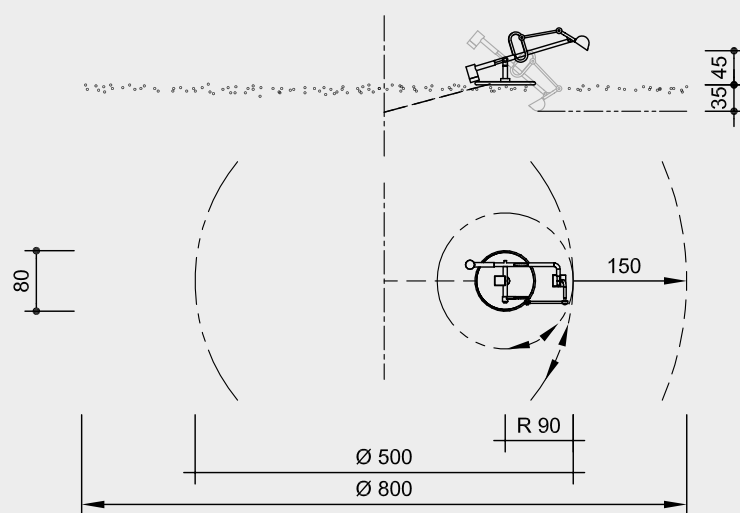


5.32000

Order No. 5.30000 Large Excavator



Order No. 5.32000 Small Excavator



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 foundation iron

Installation information

Surfacing requirements

Order No. 5.30000 Large Excavator
corresponding to a fall height of ≤ 1.00 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

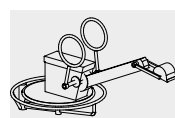
- 1 item 60 x 60 x 50 cm
- excavation depth 90 cm

Order No. 5.32000 Small Excavator

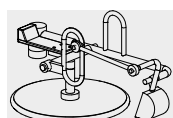
- 1 item 40 x 40 x 40 cm
- excavation depth 80 cm

Attention:

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



5.30000



5.32000

Technical information

all construction parts of hot-dip galvanised steel profiles

Sintered bush

For all reciprocating movements we use sintered plain bearings which are self-lubricating in use and can easily be exchanged if necessary



Ground anchor

All parts used for anchoring to the ground are made of hot-dip galvanised steel or stainless steel



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

seat of waterproof plywood 25 mm, with non-slip coating

Order No. 5.30000 Large Excavator

parking break unlocks with use

Order No. 5.32000 Small Excavator

Chains

Chains made of hot-dip galvanized steel (1.4301 / 1.4571 at extra charge) welded before galvanising, short-linked, without eyelets on the connecting parts, easy to exchange and shorten



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

Dimensions

(small deviations possible)

Order No. 5.30000

Large Excavator

reach diameter	3.20 m
with eccentric movement	4.20 m
weight	275 kg

Order No. 5.32000

Small Excavator

reach diameter	1.80 m
weight	70 kg



Movement



Play value

Sliding is not just a stimulating experience for children but also lots of fun. Combining a slide with other equipment increases the play value. Our especially sturdy and maintenance-friendly stainless steel version has a well designed slide profile. A steep slide beginning is followed by a long, smooth exit. Higher sides also mean the maximum fall height of 2.50 m is permitted.

Fundamental characteristics

- Friendly appearance
- High-quality design
- Can also be installed as embankment slides
- Incentive for playing: experiencing height, thrill
- Exercise activity: sliding, climbing

Recommended for

- Kindergarten children
- Schoolchildren
- Public play areas such as playgrounds, parks or similar
- Supervised play areas, such as kindergartens, schools, after-school programmes or similar



Photo © Barbara Evripidou



Stainless Steel Slides width 0.45 m

Components

Order No.

3.63310 / 3.63020 / 3.63120 / 3.63420

1 slide with ground anchor

Order No. 3.63520

1 slide

Order No. 3.63220 / 3.63230

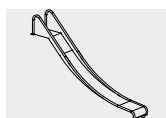
1 slide with 1 wave

Order No. 3.63225 / 3.63235

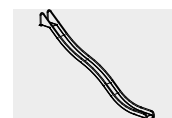
1 slide as above but with higher sides

Note on installation

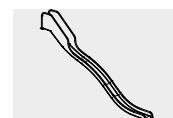
Avoid orientation of the slide to the south (heating up of material).



3.63020 - 3.63520

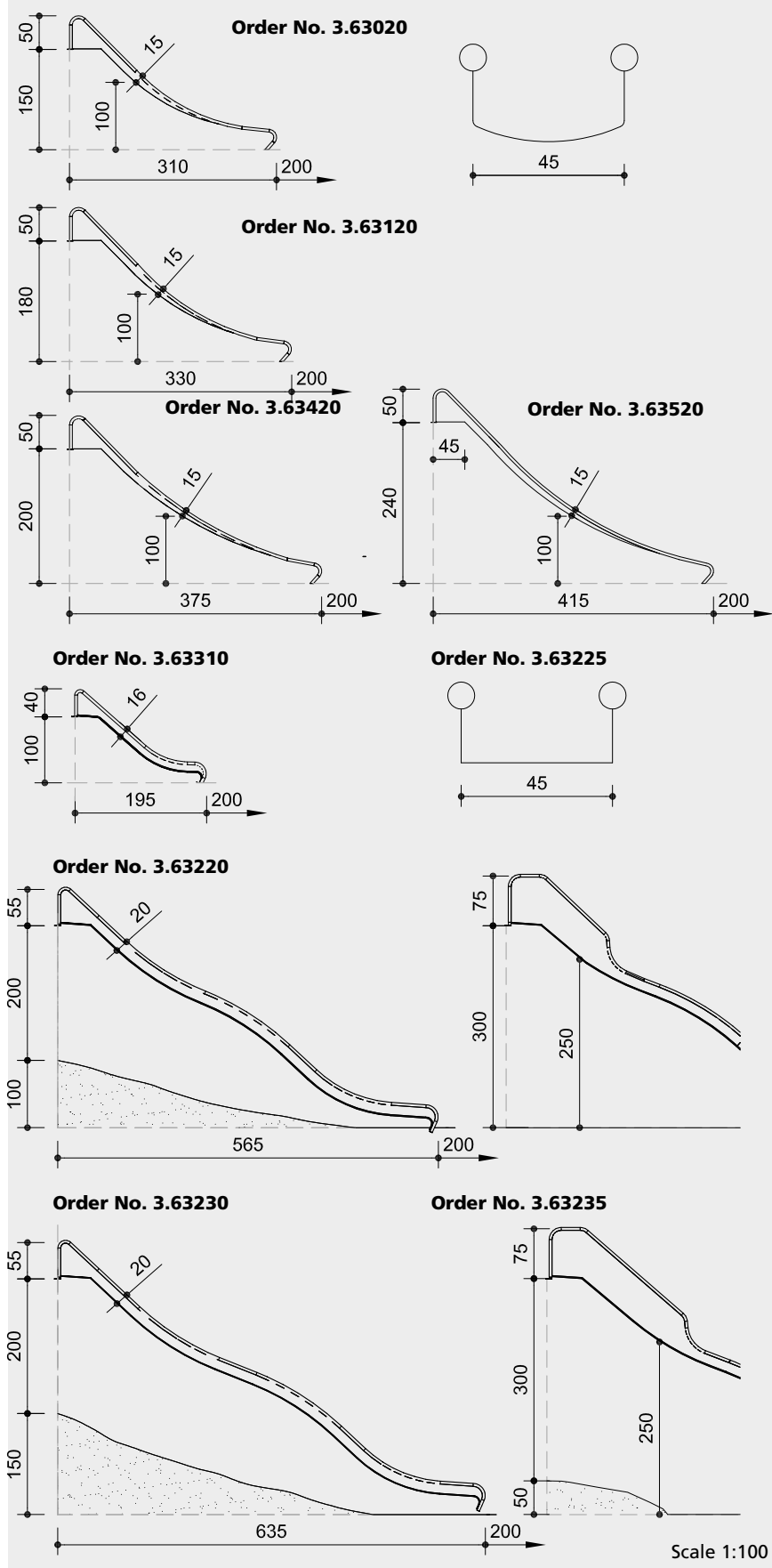


3.63220 / 3.63230



3.63225 / 3.63235

Order No. 3.63020 - 3.63235 Stainless Steel Slides



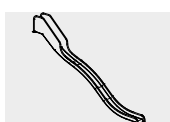
Safety check according to EN 1176



3.63020 - 3.63520



3.63220 / 3.63230



3.63225 / 3.63235

Technical information

Order No.
3.63020 / 3.63120 / 3.63420 / 3.63520

One-piece construction

Total construction of the slide made of 2 mm stainless steel, drawn in box form, surface glass bead blasted, without welding seam between sliding surface and side cheek



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

Handrail tube Ø 42 mm, wall thickness 2 mm

Height of sides 15 cm from fall height of 1.00 m

Attached at the top and bottom with mounting plates

Order No. 3.63310 / 3.63220 / 3.63230 / 3.63225 / 3.63235

Total construction of slides made of stainless steel, thickness of sliding surface 2 mm, thickness of sides 2.5 mm, sides glass-bead blasted

Handrail tube Ø 42 mm, wall thickness 2 mm

Height of sides 16 or 20 cm

Attached at the top and bottom with mounting plates

Order No. 3.63225 / 3.63235

With higher sides for fall height of more than 2.50 m

Dimensions

(small deviations possible)

Order No.	Weight
3.63310	58 kg
3.63020	53 kg
3.63120	63 kg
3.63420	69 kg
3.63520	79 kg
3.63220	121 kg
3.63230	132 kg
3.63225	139 kg
3.63235	170 kg

Installation information

Surfacing requirements depending on the installation 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; all other slides 1 item 30 x 70 x 30 cm excavation depth 70 cm

Attention:

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

Technical changes reserved.



Photo © Paul Upward Photography

Play value

Slides are fun for big and small alike. The exhilaration of the unfamiliar, apparently risky movement is a very important part of the slide's play value. The 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
- High-quality design
- Can also be installed as embankment slides
- Incentive for playing: experiencing height, thrill
- Exercise activity: sliding

Recommended for

- Kindergarten children
- Schoolchildren
- Public play areas such as playgrounds, parks or similar
- Supervised play areas, such as kindergartens, schools, after-school programmes or similar

Note on installation

The orientation of the slide to the South has to be avoided because of heating up of the material.

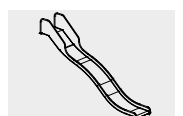


Photo © Jenny Halse

Stainless Steel Slides
width 1.00 / 1.50 m



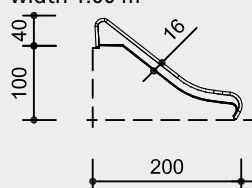
3.63300 - 3.64250



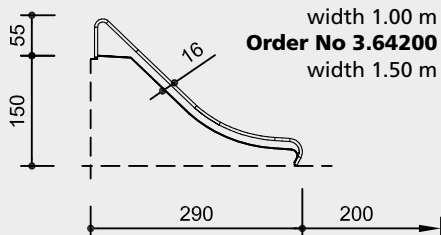
3.63395 / 3.64105

Order No 3.63300
Stainless Steel Slide

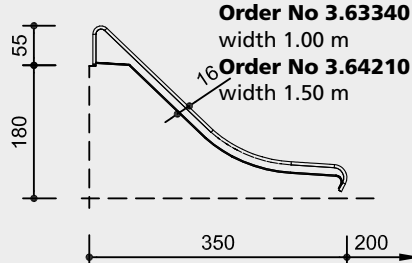
width 1.00 m


Order No 3.63320

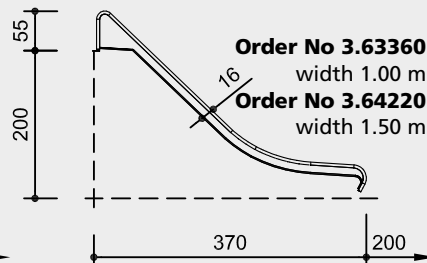
width 1.00 m

Order No 3.64200
width 1.50 m

Order No 3.63340

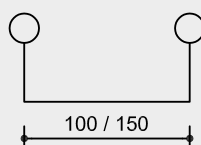
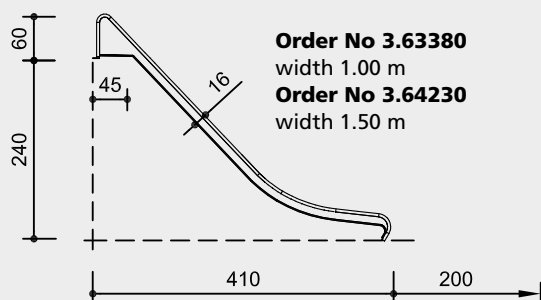
width 1.00 m

Order No 3.64210
width 1.50 m

Order No 3.63360

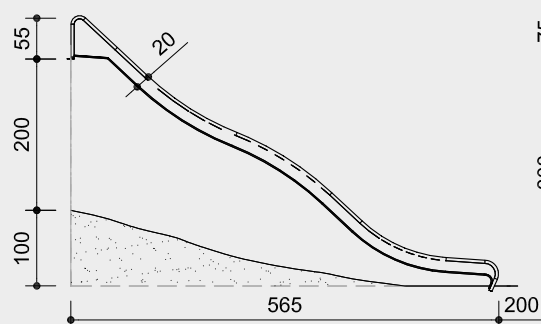
width 1.00 m

Order No 3.64220
width 1.50 m

Order No 3.63380

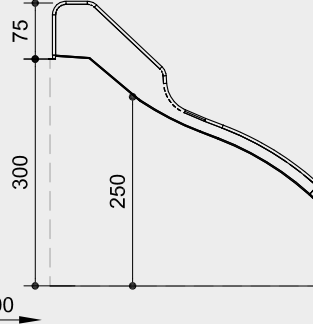
width 1.00 m

Order No 3.64230
width 1.50 m

Order No 3.63390

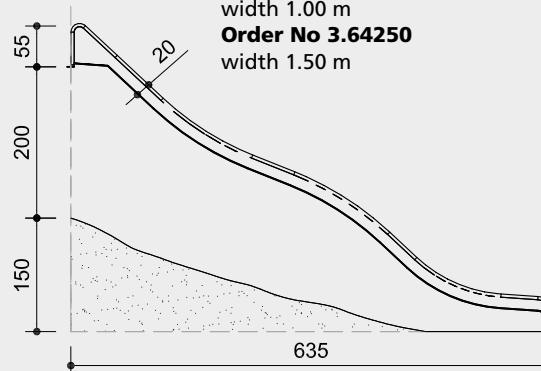
width 1.00 m

Order No 3.64240
width 1.50 m

Order No 3.63395

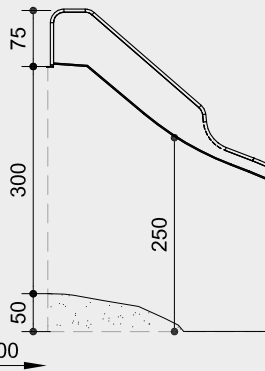
width 1.00 m

Order No 3.64100
width 1.50 m

Order No 3.64100

width 1.00 m

Order No 3.64250
width 1.50 m

Order No 3.64105

width 1.00 m

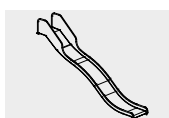


Scale 1:100

Safety check according to EN 1176



3.63300 - 3.64250



3.63395 / 3.64105

Attention:

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

Technical changes reserved.

Technical information

Slides made of stainless steel, slide walls glass bead blasted

Height of sides 16 or 20 cm

Handrail tube Ø 42 mm, wall thickness 2 mm

Attached at the top and bottom with mounting plates

Thickness of sliding surface **Order No. 3.63300** 2.5 mm, all other slides 3 mm

Order No. 3.63395 / 3.64105

with higher sides for fall height of more than 2.50 m

Dimensions see sketches (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	231 kg
3.63395	249 kg
3.64100	242 kg
3.64105	280 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

1 slide, width 1.00 m with ground anchor

Order No. 3.63320 – 3.63380

1 slide, with 1.00 m

Order No 3.63390 / 3.64100

1 slide, width 1.00 m, with 1 wave

Order No. 3.63395 / 3.64105

1 slide as above but with higher sides

Order No. 3.64200 – 3.64230

1 slide, with 1.50 m

Order No. 3.64240 / 3.64250

1 slide, width 1.50 m with 1 wave

Installation information

Surfacing requirements depending on the installation 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; all other slides 2 items 30 x 30 x 30 cm excavation depth 70 cm



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

Recommended for

- Children under 3 years
- Kindergarten children
- Supervised play areas, such as kindergartens, schools, after-school programmes or similar
- Public play areas without supervision, such as playgrounds, parks or similar



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

Components

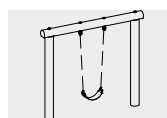
Order No. 6.12000 Toddler's Swing

- 1 swing frame
- 1 toddler's rubber seat with chains

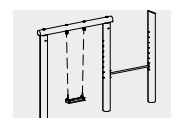
Order No. 6.12100 / 6.12500

Swing with horizontal bar

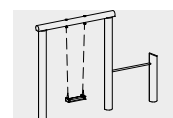
- 1 swing frame
- 1 rubber seat with chains
- 1 additional vertical post with pre-drilled holes for horizontal bar
- 1 horizontal bar of stainless steel



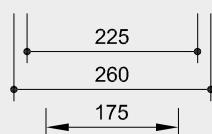
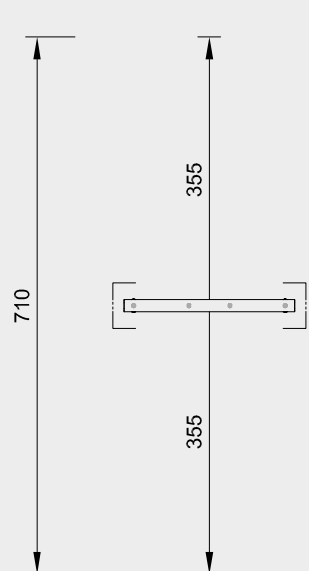
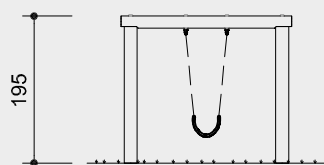
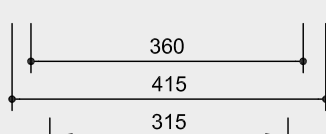
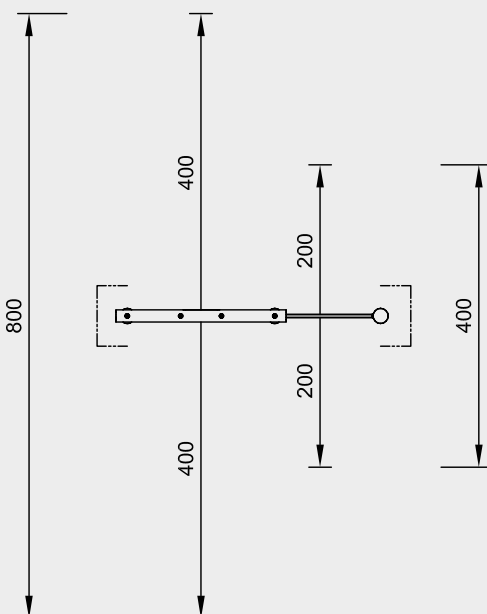
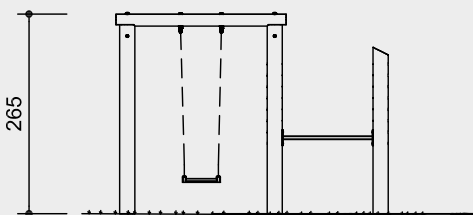
6.12000



6.12100



6.12500

Order No. 6.12000
Toddler's Swing

Order No. 6.12100 / 6.12500
Swing with horizontal bar


Scale 1:100

Safety check according to EN 1176

Installation information

Surface corresponding to a fall height of
Order No. 6.12000 ≤ 1.00 m
Order No. 6.12100 ≤ 2.00 m (bar)
Order No. 6.12500 ≤ 1.50 m
 (please refer to price list for more detailed information)

Foundations
Order No. 6.12000 Toddler's Swing

2 items 60 x 60 x 50 cm
 excavation depth 70 cm

Order No. 6.12100 / 6.12500
Swing with horizontal bar

3 items 80 x 80 x 60 cm
 excavation depth 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.

Dimensions

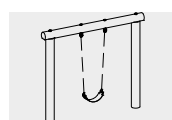
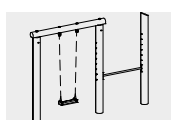
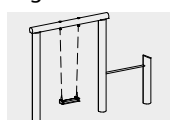
(small deviations possible)

Order No. 6.12000 Toddler's Swing

Height	1.95 m
Vertical clearance	1.80 m
Width	2.25 m
Weight	100 kg

Order No. 6.12100 / 6.12500
Swing with horizontal bar

Height	2.65 m
Vertical clearance	2.50 m
Width	3.60 m
Weight	195 / 190 kg


6.12000

6.12100

6.12500
Technical information

Equipment made of spruce / fir

Peeled white

Palisades peeled white means that bark, cambium and sapwood are removed, the natural shape of the trunk is preserved and can be experienced


Perforated

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


Swing joint

Drop-forged, hot-dip galvanised swing joint with sintered bush and integrated swivel


Profiled washer

Profiled washer for covering protruding screw heads according to standard, improved pressure distribution and protection against water. Impedes loosening the bolt


Adjustable

Adjustable two-piece bolt connection, easy to maintain, no projecting threads


Interlocking

Interlocking connection, with milled metal rings or serrated disc dowels, to reinforce the bolt connection under high loads transverse to the grain direction of the wood


End grain connector

End grain connector as special fitting for the adjustable connection of horizontal and vertical timber


Sintered bush

For all reciprocating movements we use sintered plain bearings which are self-lubricating in use and can easily be exchanged if necessary


Chains

Chains made of hot-dip galvanized steel (1.4301 / 1.4571 at extra charge) welded before galvanising, short-linked, without eyelets on the connecting parts, easy to exchange and shorten



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

Flexible swing seat of rubber with steel insert

Order No. 6.12100 / 6.12500
Swing with horizontal bar
Swing seat

Ergonomically shaped swing seat made of rubber with soft shock absorbing edge. Durable due to strong profiled steel insert



Horizontal bar of stainless steel, $\varnothing 30$ mm, length 1.20 m, height adjustable from 1.00 to 1.90 m, height of not adjustable bar 1.23 m

Play value

Swinging and cradling is connected in many ways with the child's world of experience. 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. 6.12600 Multi-surface Swing



Order No. 6.12800 Double Multi-surface Twin Swing

Fundamental characteristics

- High-quality design
- Incentive for playing: swing suspension
- Movement: swinging, jumping off

Recommended for

- kKindergarten children
- Supervised play areas such as kindergartens, schools, after-school programmes or similar
- Public play areas such as kindergartens, schools, after-school programmes or similar

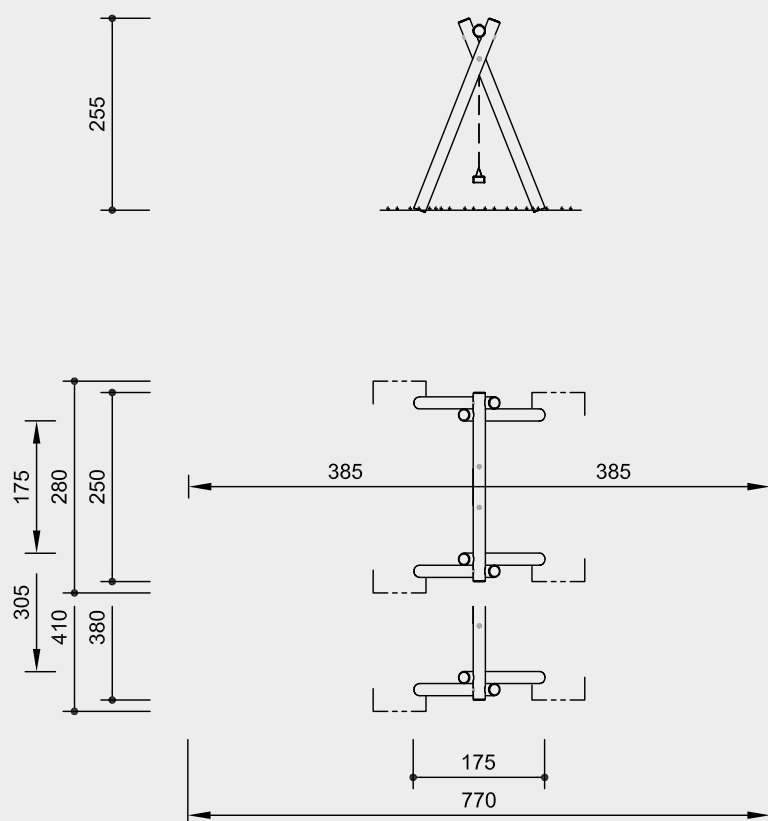
Multi-surface Swing Muti-surface Twin Swing



6.12600



6.12800

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


Scale 1:100

Safety check according to EN 1176

Components
**Order No. 6.12600
Multi-surface Swing**

1 swing frame
1 complete suspension attachment

**Order No. 6.12800
Multi-surface Twin Swing**

1 swing frame
2 complete suspension attachments

Installation information

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

Foundations

**Order No. 6.12600
Multi-surface Swing**

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

**Order No. 6.12800
Multi-surface Twin Swing**

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

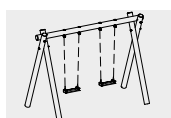
Attention:

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

Equipments also available with steel feet.



6.12600



6.12800

Technical information

Equipments made of spruce / fir

Peeled white

Palisades peeled white means that bark, cambium and sapwood are removed, the natural shape of the trunk is preserved and can be experienced


Perforated

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


Swing seat

Ergonomically shaped swing seat made of rubber with soft shock absorbing edge. Durable due to strong profiled steel insert


Swing joint

Drop-forged, hot-dip galvanised swing joint with sintered bush and integrated swivel


Profiled washer

Profiled washer for covering protruding screw heads according to standard, improved pressure distribution and protection against water. Impedes loosening the bolt


Adjustable

Adjustable two-piece bolt connection, easy to maintain, no projecting threads


Interlocking

Interlocking connection, with milled metal rings or serrated disc dowels, to reinforce the bolt connection under high loads transverse to the grain direction of the wood


Sintered bush

For all reciprocating movements we use sintered plain bearings which are self-lubricating in use and can easily be exchanged if necessary


Chains

Chains made of hot-dip galvanized steel (1.4301 / 1.4571 at extra charge) welded before galvanising, short-linked, without eyelets on the connecting parts, easy to exchange and shorten



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

Dimensions
deviations possible)
**Order No. 6.12600
Multi-surface Swing**

Height	2.55 m
Vertical clearance	2.35 m
Width	2.50 m
Depth	1.75 m
Weight	235 kg

**Order No. 6.12800
Multi-surface Twin Swing**

Height	2.55 m
Vertical clearance	2.35 m
Width	3.80 m
Depth	1.75 m
Weight	250 kg

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. 6.12820 Multi-surface Twin Swing special



Photo © Daniel Perales

Fundamental characteristics

- High-quality design
- Incentive for playing: swing suspension
- Movement: swinging, jumping off

Recommended for

- Kindergarten children
- Supervised play areas such as kindergartens, schools, after- school programmes or similar
- Public play areas such as kindergartens, schools, after- school programmes or similar

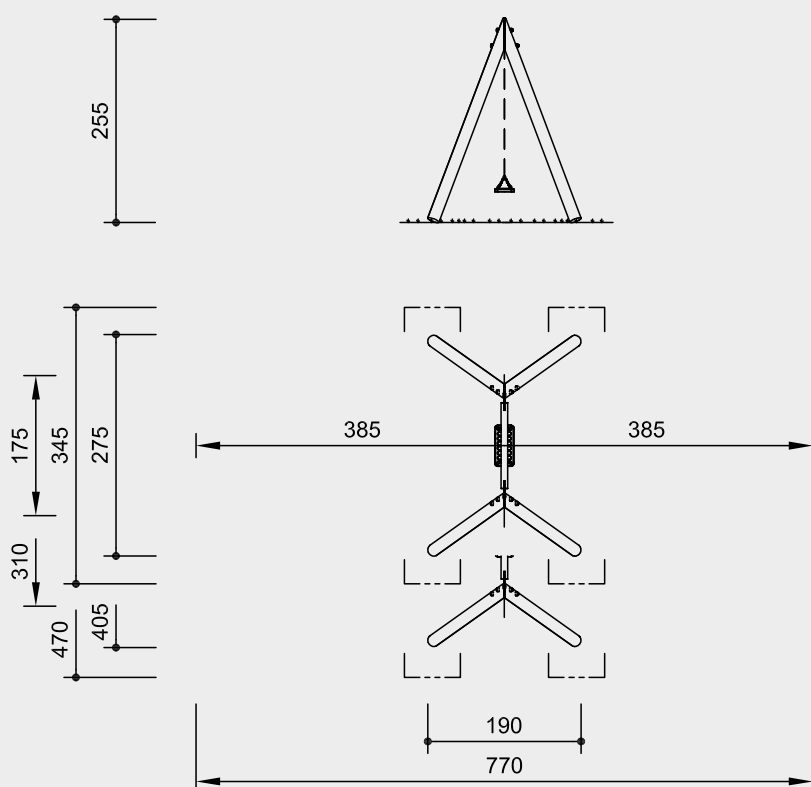
Multi-surface Swing special Multi-surface Twin Swing special



6.12620



6.12820

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. 6.12620
Multi-surface Swing special

- 1 swing frame
- with steel feet and cross beam made of steel
- 1 complete suspension attachment

Order No. 6.12820
Multi-surface Twin Swing special

- 1 swing frame
- with steel feet and cross beam made of steel
- 2 complete suspension attachments

Installation information

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

Foundations
Order No. 6.12620
Multi-surface Swing special

4 items 60 x 70 x 40 cm
excavation depth 60 cm

Order No. 6.12820
Multi-surface Twin Swing special

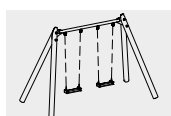
4 items 60 x 70 x 40 cm
excavation depth 60 cm

Attention:

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



6.12620



6.12820

Technical information

Equipment made of non-impregnated mountain larch

Peeled white

Palisades peeled white means that bark, cambium and sapwood are removed, the natural shape of the trunk is preserved and can be experienced


Swing seat

Ergonomically shaped swing seat made of rubber with soft shock absorbing edge. Durable due to strong profiled steel insert


Swing joint

Drop-forged, hot-dip galvanised swing joint with sintered bush and integrated swivel


Profiled washer

Profiled washer for covering protruding screw heads according to standard, improved pressure distribution and protection against water. Impedes loosening the bolt


Interlocking

Interlocking connection, with milled metal rings or serrated disc dowels, to reinforce the bolt connection under high loads transverse to the grain direction of the wood


Sintered bush

For all reciprocating movements we use sintered plain bearings which are self-lubricating in use and can easily be exchanged if necessary


Ground anchor

All parts used for anchoring to the ground are made of hot-dip galvanised steel or stainless steel


Cross beam made of steel

Swing cross beam made of hot-dip galvanized steel. Optimized swing geometry with rigid corner connections, thus allowing for smaller foundations and easier foundation covering


Chains

Chains made of hot-dip galvanized steel (1.4301 / 1.4571 at extra charge) welded before galvanising, short-linked, without eyelets on the connecting parts, easy to exchange and shorten



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

Dimensions

(small deviations possible)

Order No. 6.12620
Multi-surface Swing special

Height	2.55 m
Vertical clearance	2.45 m
Width	2.75 m
Depth	1.90 m
Weight	200 kg

Order No. 6.12820
Multi-surface Twin Swing special

Height	2.55 m
Vertical clearance	2.45 m
Width	4.05 m
Depth	1.90 m
Weight	220 kg



Photo © Paul Upward Photography

Cradle Nest

Play value

Swinging and cradling is connected in many ways with the child's world of experience. Children are looking for possibilities to experience this swinging movement. Lying in the Cradle Nest is even more pleasant when a friendly co-player sets the swing into motion from outside. It is special fun if there are several "chicks" in the nest.

Fundamental characteristics

- Emotionally appealing design
- Sturdy construction of round poles
- Incentive for playing:
lying oneself in a nest
- Exercise activity: swaying, rocking, swinging

Recommended for

- Kindergarten children
- Schoolchildren
- Public play areas without supervision, such as playgrounds, parks or similar
- Supervised play areas, such as kindergartens, schools, after-school programmes or similar

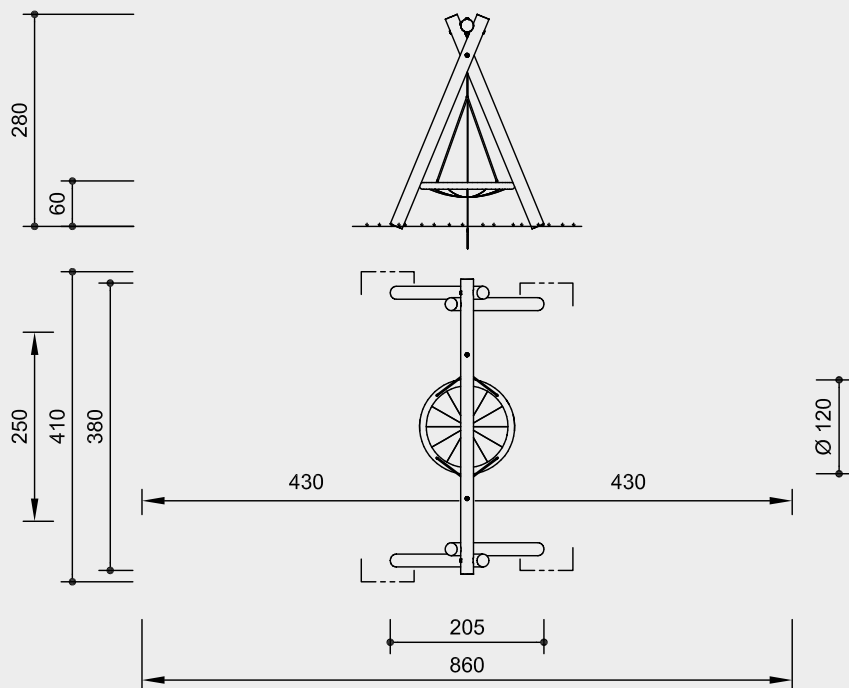
Barrier-free

- Together with a carer



6.14500

Order No. 6.14500 Cradle Nest



Scale 1:100

Safety check according to EN 1176

Components

- 1 swing frame
- 1 stork nest suspended on ropes and chains

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 60 x 70 x 60 cm
excavation depth 80 cm

Attention:
Exact measurements may vary;
for all installation dimensions refer to current assembly instructions.
Technical changes reserved.
Equipment also available with steel feet.

Technical information

Equipment made of spruce / fir

Peeled white

Palisades peeled white means that bark, cambium and sapwood are removed, the natural shape of the trunk is preserved and can be experienced



Perforated

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



Universal joint

Drop-forged, hot-dip galvanised universal joint, consists of two sintered bushes, for free swinging in any direction



Profiled washer

Profiled washer for covering protruding screw heads according to standard, improved pressure distribution and protection against water. Impedes loosening the bolt



Adjustable

Adjustable two-piece bolt connection, easy to maintain, no projecting threads



Interlocking

Interlocking connection, with milled metal rings or serrated disc dowels, to reinforce the bolt connection under high loads transverse to the grain direction of the wood



Sintered bush

For all reciprocating movements we use sintered plain bearings which are self-lubricating in use and can easily be exchanged if necessary



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

Stork nest \varnothing 120 cm with green rope ring (PPM), net seat and suspension rope black \varnothing 16 mm (polyester)

Suspended on \varnothing 7 mm stainless steel chains

Dimensions

(small deviations possible)

Height	2.80 m
Vertical clearance	2.60 m
Width	3.80 m
Depth	2.05 m
Weight	310 kg



6.14500

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 Nest is even more pleasant when a friendly co-player sets the swing into motion from outside. It is special fun if there are several "chicks" in the nest. Our special version with a cross beam made of steel contributes to the stability of our construction and gives the cradle nest a strong expression.

Fundamental characteristics

- Emotionally appealing design
- Sturdy construction of round poles
- Incentive for playing:
lying oneself in a nest
- Exercise activity:
swaying, rocking, swinging

Recommended for

- Kindergarten children
- Schoolchildren
- Public play areas without supervision, such as playgrounds, parks or similar
- Supervised play areas, such as kindergartens, schools, after-school programmes or similar

Barrier-free

- Together with a carer



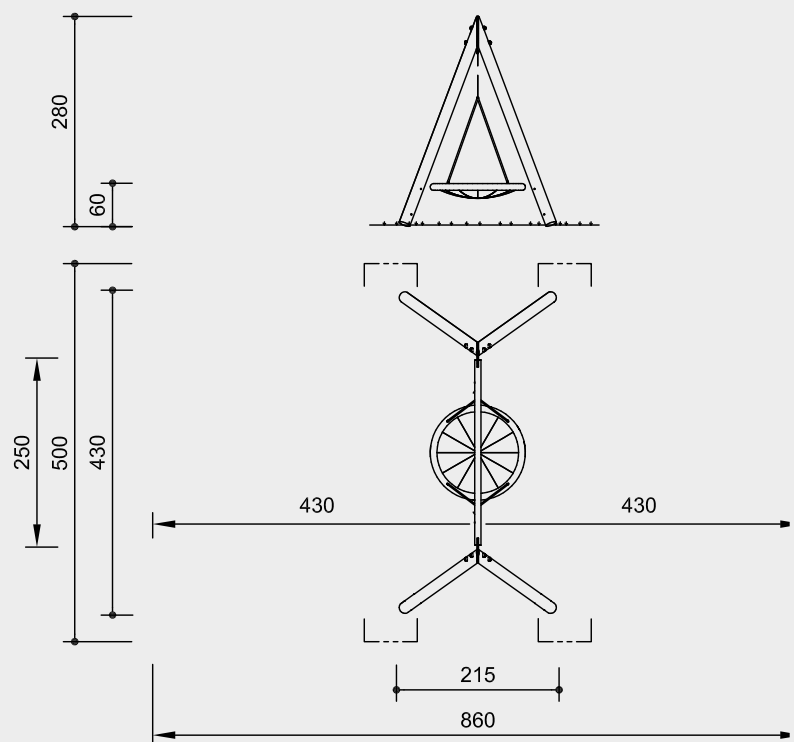
Photo © Paul Upward Photography

Cradle Nest special



6.14520

Order No 6.14520 Cradle Nest special



Scale 1:100

Safety check according to EN 1176

Components

- 1 swing frame with steel feet and cross beam made of steel
- 1 stork nest suspended on ropes and chains

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 60 x 70 x 60 cm
excavation depth 80 cm

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

Technical information

Equipment made of non-impregnated mountain larch

Peeled white

Palisades peeled white means that bark, cambium and sapwood are removed, the natural shape of the trunk is preserved and can be experienced



Universal joint

Drop-forged, hot-dip galvanised universal joint, consists of two sintered bushes, for free swinging in any direction



Profiled washer

Profiled washer for covering protruding screw heads according to standard, improved pressure distribution and protection against water. Impedes loosening the bolt



Interlocking

Interlocking connection, with milled metal rings or serrated disc dowels, to reinforce the bolt connection under high loads transverse to the grain direction of the wood



Sintered bush

For all reciprocating movements we use sintered plain bearings which are self-lubricating in use and can easily be exchanged if necessary



Ground anchor

All parts used for anchoring to the ground are made of hot-dip galvanised steel or stainless steel



Cross beam made of steel

Swing cross beam made of hot-dip galvanized steel. Optimized swing geometry with rigid corner connections, thus allowing for smaller foundations and easier foundation covering



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

Stork nest Ø 120 cm with green rope ring (PPM), net seat and suspension rope black Ø 16 mm (polyester)

Suspended on Ø 7 mm stainless steel chains

Dimensions

(small deviations possible)

Height	2.80 m
Vertical clearance	2.60 m
Width	4.30 m
Depth	2.15 m
Weight	280 kg



6.14520



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

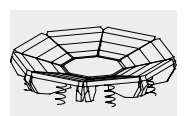
Recommended for

- Kindergarten children
- Schoolchildren
- Public play areas such as kindergartens, schools, after-school programmes or similar



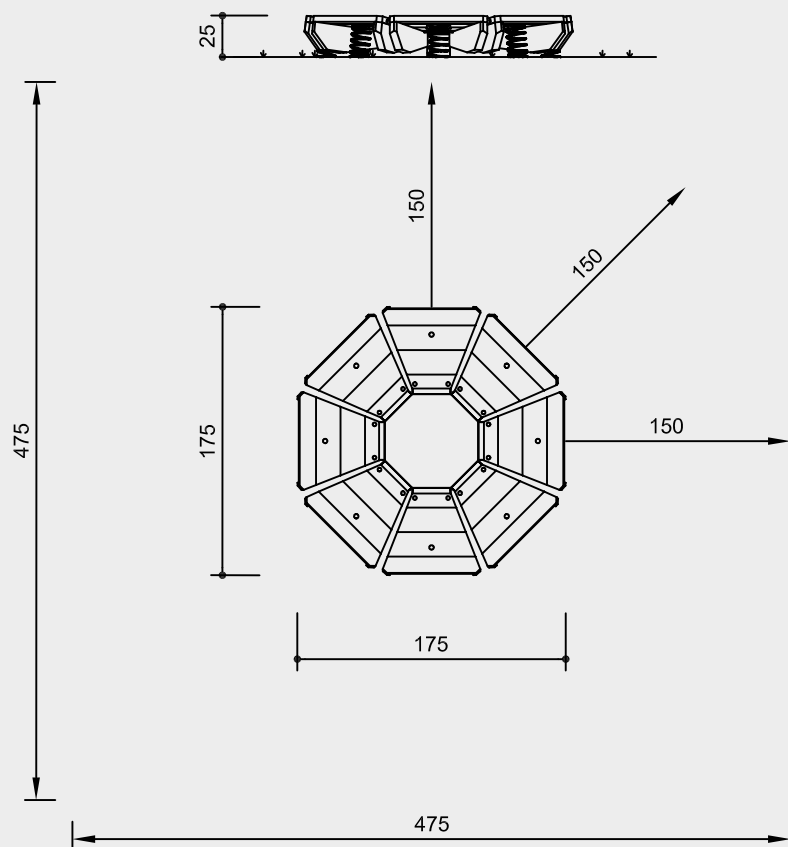
Photo © Daniel Perales

Bouncing Flower



6.06500

Order No. 6.06500 Bouncing Flower



Scale 1:50

Safety check according to EN 1176

Components

- 1 equipment item with 8 segments mounted on springs
- 1 foundation frame

Installation information

Surfacing requirements corresponding to a fall height of $\leq 0,60$ 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.

Technical information

Equipment of non-impregnated mountain larch

Core-free

Sawn-timbers core-free, thus decreasing occurrences of cracking and undesired changes in shape



Tongue and groove

Tongue and groove planks made of 4 cm solid wood, highly resilient, no trickling of dust / sand, protection against direct rain



Sintered bush

For all reciprocating movements we use sintered plain bearings which are self-lubricating in use and can easily be exchanged if necessary



Ground anchor

All parts used for anchoring to the ground are made of hot-dip galvanised steel or stainless steel



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

Coated springs, standard colour red

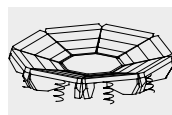
Centre plate of fluted metal sheet, hot-dip galvanised

Supporting frame hot-dip galvanised

Dimensions

(small deviations possible)

Height	0.25 m
Diameter	1.75 m
Weight	260 kg



6.06500

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.



Photo © Daniel Perales



Photo © Jenny Halse



Fundamental characteristics

- High-quality design
- Incentive for playing: "riding"
- Movement: climbing up, see-saw

Recommended for

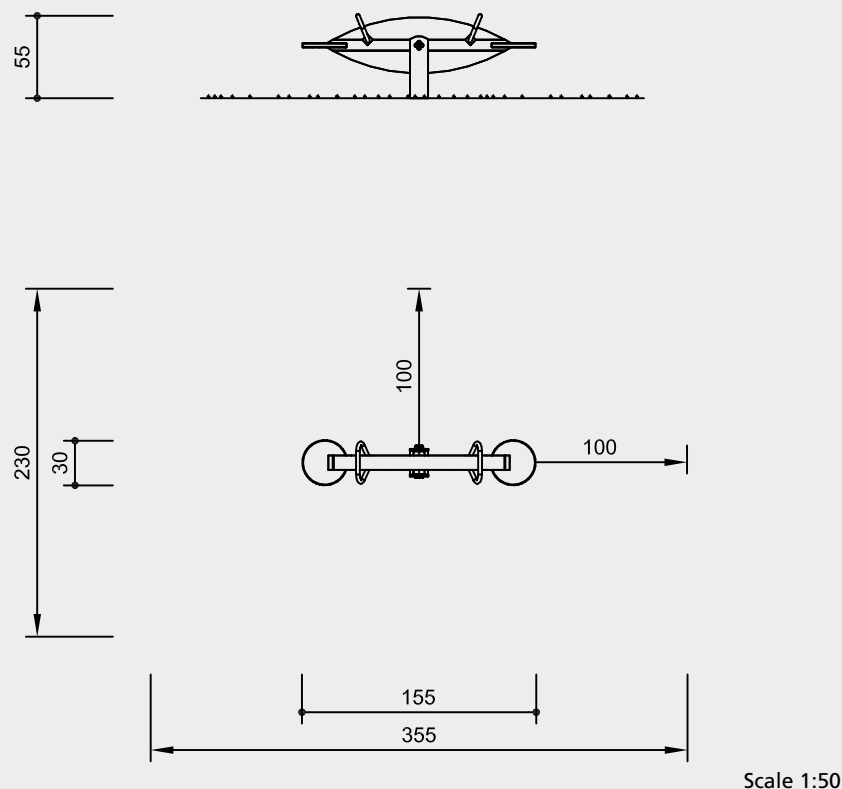
- Kindergarten children
- Supervised play areas, such as kindergartens, schools, after-school programmes or similar
- Public play areas without supervision, such as playgrounds, parks or similar

Small See-saw



6.11700

Order No. 6.11700 Small See-saw



Safety check according to EN 1176

Components

1 Small See-saw complete with support 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 50 x 80 x 50 cm
excavation depth 70 cm

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

Technical information

Equipment of non-impregnated mountain larch

Core-free

Sawn-timbers core-free, thus decreasing occurrences of cracking and undesired changes in shape



Laminated wood beams

Laminated wood beams made of non-impregnated larch, glued according to EN 14080:2013; for very large timber cross-sections; comparatively low shrinkage, almost completely free of cracks



Plywood

Plywood made of mountain larch, three-layer (3 cm), five-layer (4 cm). High dimensional stability, waterproof, glued according to DIN EN 13353:2011



Ground anchor

All parts used for anchoring to the ground are made of hot-dip galvanised steel or stainless steel



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

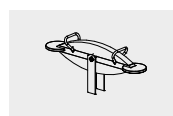
See-saw mechanism with rubber buffers, maintenance-free

Grips of stainless steel, glass bead blasted

Dimensions

(small deviations possible)

Height	0.55 m
Max. rocking height	0.80 m
Length	1.55 m
Width	0.30 m
Weight	55 kg



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 essential it is to have a good see-saw in every playground.



Order No. 6.11500 See-saw with Shock Absorber

Fundamental characteristics

- See-saw beam inspires confidence
- Incentive for playing: grips, repeating familiar activities
- exercise activity: pushing oneself off, shifting one's weight

Order No 6.11000

See-saw with Shock Absorber

Inside the support tube there is a sturdy metal lever with double-sided rubber buffers, which, thanks to elaborate workmanship, ensures shock absorption of the See-saw movement.

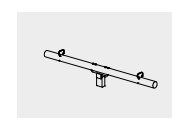
Recommended for

- Kindergarten children
- Supervised play areas such as kindergartens, schools, after-school programmes or similar
- Public areas without supervision, such as playgrounds, parks or similar
- Swimming pools without supervision, such as outdoor pools, adventure pools or similar

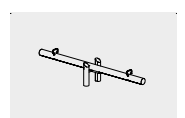
Planning information

To ensure that the see-saw movement of the See-saw **Order No. 6.11500** does not cause any impact damage to children's spines, a shock absorber is required just before the see-saw seat hits the ground (to be provided by customer), e. g. as depicted using tyres.

See-saw with Shock Absorber See-saw

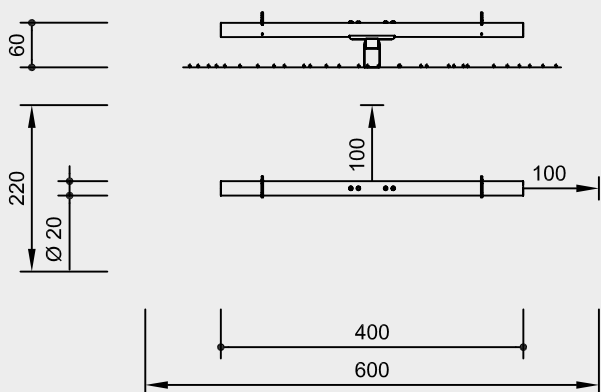


6.11000

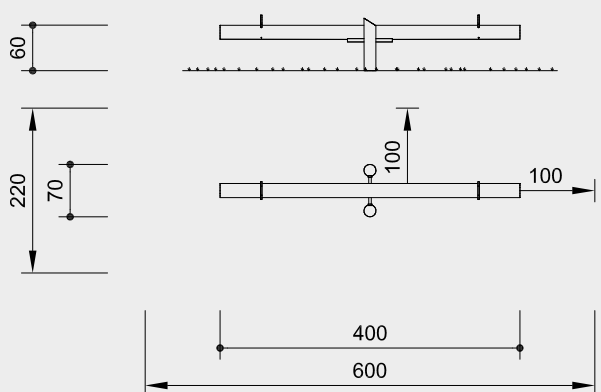


6.11500

Order No 6.11000 See-saw with Shock Absorber



Order No. 6.11500 See-saw



Scale 1:100

Safety check according to EN 1176

Components

Order No 6.11000

See-saw with Shock Absorber

1 See-saw beam with 2 hand grips
1 support with integrated shock absorbers

Order No. 6.11500 See-saw

1 See-saw beam with 2 hand grips
1 support frame made of posts

Tyres for shock absorption not included!

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 See-saw with Shock Absorber

1 item 60 x 60 x 60 cm
excavation depth 80 cm

Order No 6.11500 See-saw

1 item 60 x 100 x 60 cm
excavation depth 80 cm

Attention:

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

Technical changes reserved.

Technical information

See-saw beam of non-impregnated mountain larch

Peeled white

Palisades peeled white means that bark, cambium and sapwood are removed, the natural shape of the trunk is preserved and can be experienced



Profiled washer

Profiled washer for covering protruding screw heads according to standard, improved pressure distribution and protection against water. Impedes loosening the bolt



Sintered bush

For all reciprocating movements we use sintered plain bearings which are self-lubricating in use and can easily be exchanged if necessary



Relief cut

Targeted relief cut as an effective measure against cracks caused by drying. The cut defines the position of the stress equalization in the trunk and minimises natural cracking



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

Hand grips of stainless steel, glass bead blasted

Order No 6.11000

See-saw with Shock Absorber

Hot-dip galvanised mechanism with rubber shock absorbers

Ground anchor

All parts used for anchoring to the ground are made of hot-dip galvanised steel or stainless steel



Order No. 6.11500 See-saw

See-saw mechanism hot-dip galvanised

Dimensions

(small deviations possible)

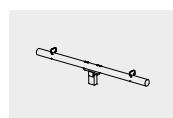
Order No 6.11000

See-saw with Shock Absorber

max. See-saw height	1.00 m
length	4.00 m
width	Ø 0.20 m
weight	135 kg

Order No 6.11500 See-saw

max. See-saw height	1.00 m
length	4.00 m
width	Ø 0.70 m
weight	120 kg



6.11000



6.11500

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.



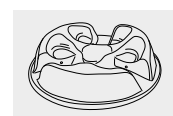
Roundabout

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

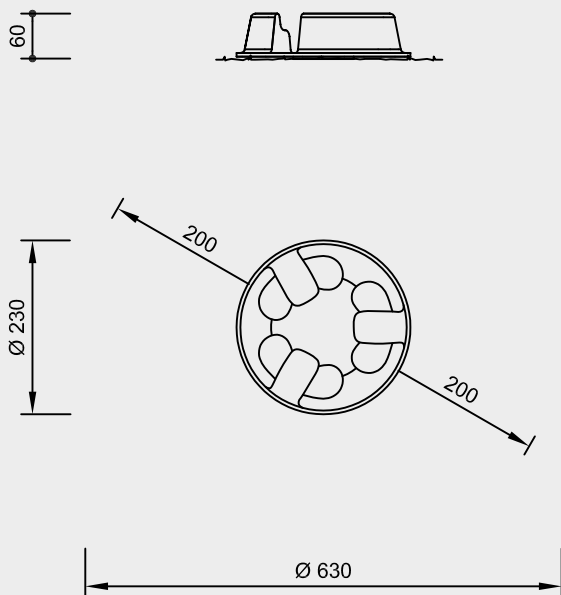
Recommended for

- Kindergarten children
- Supervised play areas such as kindergartens, schools, after-school programmes or similar
- Public areas without supervision, such as playgrounds, parks or similar



6.26000

Order No. 6.26000 Roundabout



Scale 1:100

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

Roller bearings

Roller bearings made of stainless steel for
rotating elements, easy to maintain and
exchange, sealed



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

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

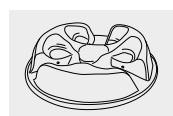
Standard colour red

Foundation Frame made of steel

Dimensions

(small deviations possible)

Height	0.60 m
Diameter	2.30 m
Weight	120 kg



6.26000



Order No. 6.26402 Large Spinner



Order No. 6.26402 Medium Spinner

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.

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

Recommended for

- Kindergarten children
- Supervised play areas such as kindergartens, schools, after-school programmes or similar
- Public areas without supervision, such as playgrounds, parks or similar

Medium Spinner
Large Spinner

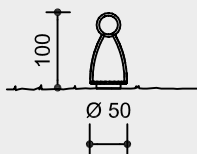


6.26401

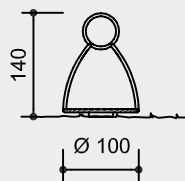


6.26402

**Order No. 6.26401
Medium Spinner**



**Order No. 6.26402
Large Spinner**



Technical information

Equipment of stainless steel,
glass bead blasted

Sturdy, welded substructure

Roller bearings

Roller bearings made of stainless steel for
rotating elements, easy to maintain and
exchange, sealed



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

Easy grip tubes

Order No. 6.26401 Medium Spinner

Ø 33.7 mm

Order No. 6.26402 Large Spinner

Ø 42 mm

Surfacing made of checker plate

Foundation frame of steel

Dimensions

(small deviations possible)

Order No. 6.26401 Medium Spinner

height 1.00 m

diameter 0.50 m

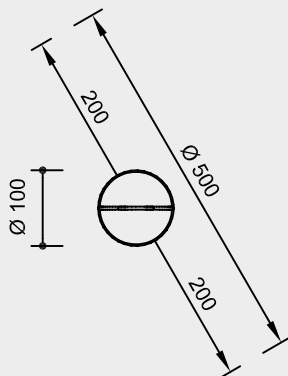
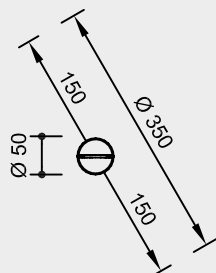
weight 45 kg

Order No. 6.26402 Large Spinner

height 1.40 m

diameter 1.00 m

weight 70 kg



Scale 1:100

Safety check according to EN 1176

Components

Order No. 6.26401 Medium Spinner

1 carousel

1 foundation frame

Order No. 6.26402 Large Spinner

1 carousel

1 foundation frame

Installation information

Surfacing requirements
surfacing required as for critical fall
height of ≤ 1.00 m
(please refer to price list for more
detailed information)

Foundations

Order No. 6.26401 Medium Spinner

1 item 60 x 60 x 20 cm

excavation depth 60 cm

Order No. 6.26402 Large Spinner

1 item 60 x 60 x 55 cm

excavation depth 60 cm

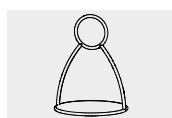
Attention:

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

Technical changes reserved.



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

Recommended for

- Kindergarten children
- Supervised play areas such as kindergartens, schools, after-school programmes or similar
- Public areas without supervision, such as playgrounds, parks or similar



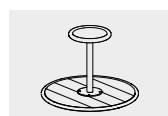
Turntable

Small Carousel with rotating floor made of wood

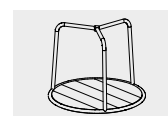
Small Carousel with rotating floor made of checker plate



Order No. 6.26501 Small Carousel with rotating floor made of wood



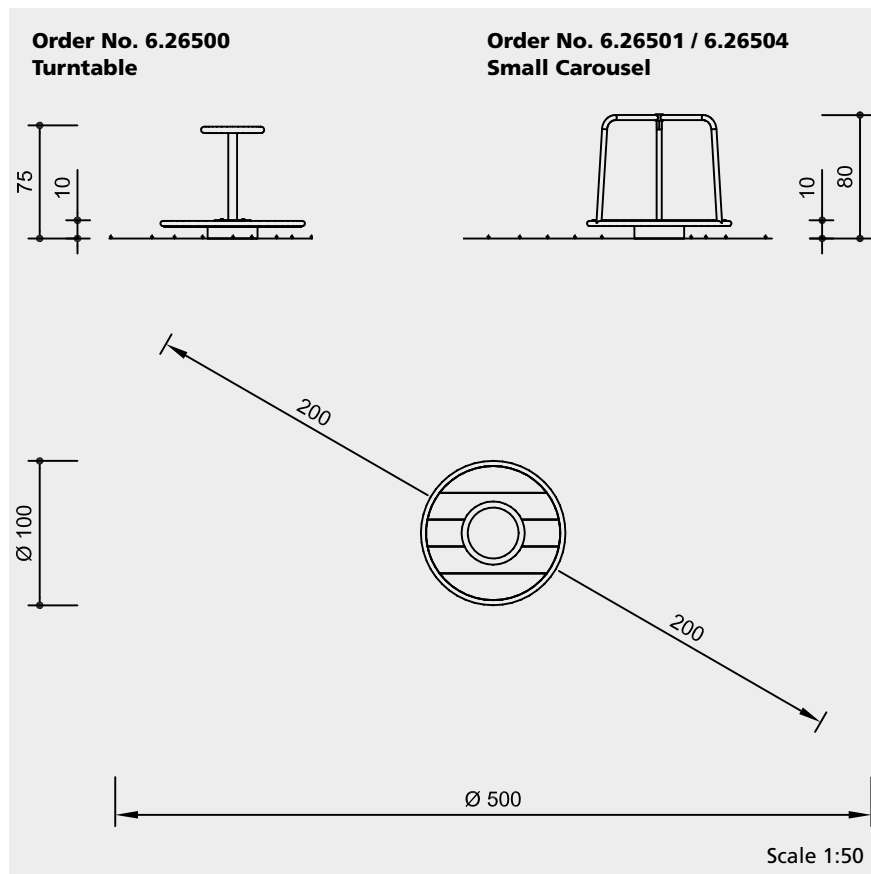
6.26500



6.26501



6.26504



Safety check according to EN 1176

Components

Order No. 6.26500 Turntable

1 carousel
1 foundation frame

Order No. 6.26501 / 6.26504 Small Carousel

1 carousel
1 foundation frame

Installation information

Surfacing requirements
surfacing required as for critical fall height of ≤ 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

Order No. 6.26500 / 6.26501 / 6.26504

Roller bearings

Roller bearings made of stainless steel for rotating elements, easy to maintain and exchange, sealed



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

Carousel structure of stainless steel, glass bead blasted

Easy grip handrail tubes, \varnothing 33.7 mm

Sturdy, welded substructure

Foundation frame of steel

Order No. 6.26500 / 6.26501

rotating floor of 35 mm planks of non-impregnated mountain larch

expanding and shrinking of the planks is reduced by relief cuts applied to the underside

Core-free

Sawn-timbers core-free, thus decreasing occurrences of cracking and undesired changes in shape



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

Dimensions

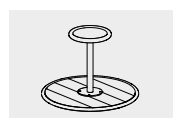
(small deviations possible)

Order No. 6.26500 Turntable

Equipment height	0.75 m
Diameter	1.00 m
Weight	73 kg

Order No. 6.26501 / 6.26504 Small Carousel

Equipment height	0.80 m
Diameter	1.00 m
Weight	63 kg



6.26500



6.26501



6.26504



Order No 6.27005 Turning Tyre low version



Order No. 6.27000 Turning Tyre

Play value

A tyre is mounted on a rotatable, stable spiral spring. This makes a combined bouncing and pivoting movement possible, and the surprising angles ensure butterflies in the tummy. The swinging tyre is also perfect for relaxing on.

Fundamental characteristics

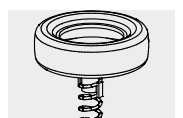
- The special construction of the spring provides for unexpected, soft swaying and turning
- Incentive for playing: high spiral spring
- Movement: see-sawing, swinging, wobbling, balancing

Recommended for

- Kindergarten children
- Supervised play areas such as kindergartens, schools, after-school programmes or similar
- Public areas without supervision, such as playgrounds, parks or similar
- Swimming pools without supervision, such as outdoor pools, adventure pools or similar

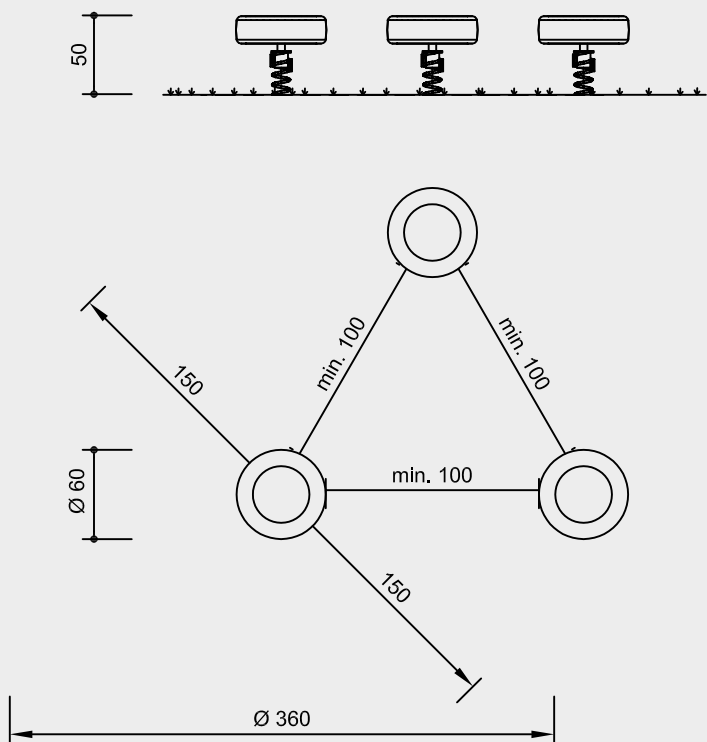
Turning Tyre

**Turning Tyre
low version for small children**

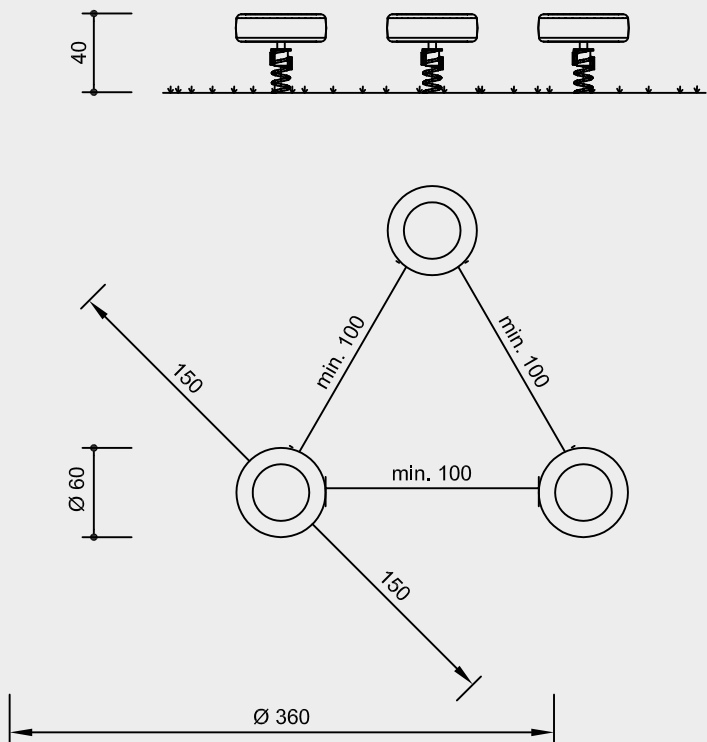


6.27000 / 6.27005

Order No. 6.27000 Turning Tyre

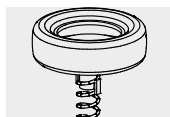


Order No. 6.27005 Turning Tyre low version for small children



Scale 1:50

Safety check according to EN 1176



6.27000 / 6.27005

Technical information

Ground anchor

All parts used for anchoring to the ground are made of hot-dip galvanised steel or stainless steel



Roller bearings

Roller bearings made of stainless steel for rotating elements, easy to maintain and exchange, sealed



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

Floor inside the tyre hot-dip galvanised

Spiral spring 19 mm thick wire, outer diameter 149 mm, screwed onto turning mechanism and foundation anchor with clamp profiles, standard colour purple

dimensions

(small deviations possible)

Order No. 6.27000 Turning Tyre

height	0.50 m
diameter	0.60 m
weight	40 kg

Order No. 6.27005 Turning Tyre low version for small children

height	0.40 m
diameter	0.60 m
weight	40 kg

Components

1 tyre with floor, mounted on a spring, with swivel joint and hot-dip galvanised anchor

Installation information

Surfacing requirements
as for critical fall height ≤ 1.00 m
(please refer to price list for more detailed information)

Fundamente

Order No. 6.27000 Turning Tyre

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

Order No. 6.27005 Turning Tyre low version for small children

1 item 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.

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.



© Richter Spielgeräte GmbH 04/20



Design H. Weiss

Wobble Dish

Fundamental characteristics

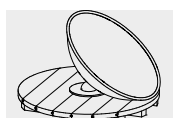
- The universal joint mounting allows for use also on public playgrounds
- Incentive for playing: sitting into
- Movement: turning around, wobbling about, shifting one's weight

Recommended for

- Children under 3 years
- Kindergarten children
- Supervised play areas such as kindergartens, schools, after-school programmes or similar
- Public areas without supervision, such as playgrounds, parks or similar

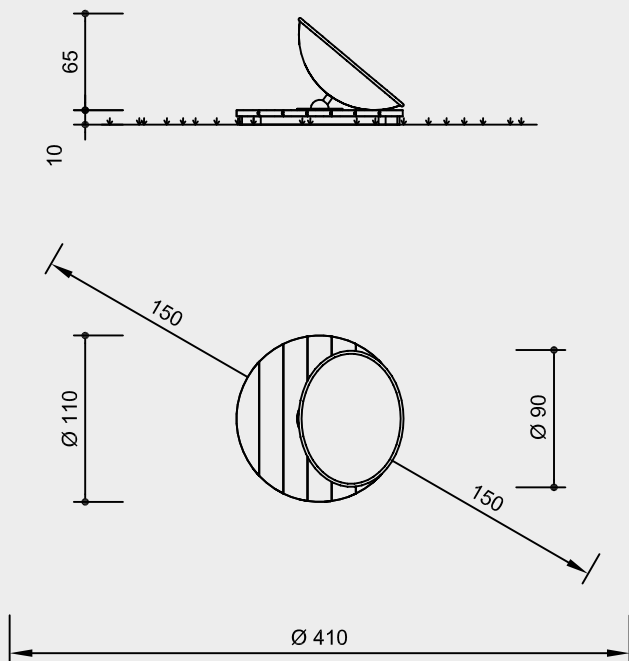
Planning information

To prevent the underground parts of the mechanism from being damaged, we advise against installing the equipment in sand.



6.27300

Order No. 6.27300 Wobble Dish



Scale 1:50

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 (please refer to price list for more detailed information)

Foundations
excavation for pre-fabricated foundation $\varnothing 1.05 \times 0.07$ m
For installation in loose material 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.
Technical changes reserved.

Technical information

Vase made of non-impregnated mountain larch

Core-free

Sawn-timbers core-free, thus decreasing occurrences of cracking and undesired changes in shape



Tongue and groove

Tongue and groove planks made of 4 cm solid wood, highly resilient, no trickling of dust / sand, protection against direct rain



Roller bearings

Roller bearings made of stainless steel for rotating elements, easy to maintain and exchange, sealed



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

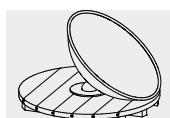
Dish and cover of bearing of 2 mm thick stainless steel, glass bead blasted, with grip rim

The rotating joint is covered with a rubber ring for finger protection

Dimensions

(small deviations possible)

Height	0.75 m
Diameter	1.10 m
Weight	190 kg



6.27300

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.



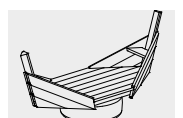
Rocking Ship

Fundamental characteristics

- Appealing design thanks to the slanted surface elements
- Role-playing game
- Exercise activity: keeping an upright seating position, training for the safety reflex, overcoming differences in height

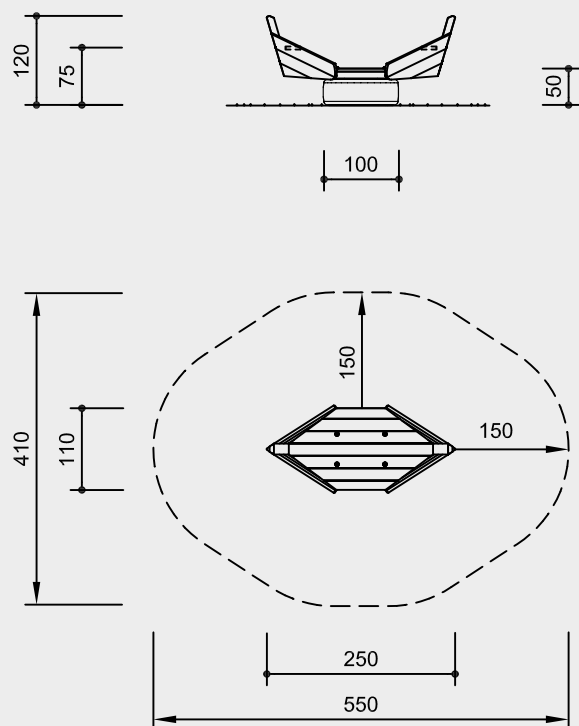
Recommended for

- Kindergarten children
- Supervised play areas such as kindergartens, schools, after-school programmes or similar
- Public areas without supervision, such as playgrounds, parks or similar



6.08000

Order No. 6.08000 Rocking Ship



Safety check according to EN 1176

Components

- 1 ship
- 1 rubber tyre
- 1 concrete foundation pedestal

Installation information

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

Foundations
excavation for concrete foundation
pedestal $\varnothing 1.20 \times 0.60$ m

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

Technical information

Equipment of non-impregnated
mountain larch

Core-free

Sawn-timbers core-free, thus decreasing
occurrences of cracking and undesired
changes in shape



Tongue and groove

Tongue and groove planks made of 4 cm
solid wood, highly resilient, no trickling
of dust / sand, protection against direct
rain



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

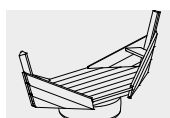
Milled-off tyre

Concrete foundation pedestal as pre-cast
foundation

Dimensions

(small deviations possible)

height	1.20 m
seat height	0.75 m
floor height	0.50 m
length	2.50 m
width	1.10 m
weight	1250 kg



6.08000

Play value

Even landlubbers want to go to sea on our Sailing Boat. Just as in real life, young explorers 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. Even when there is a violent storm, the passengers don't fall off because they can hold on tight everywhere. The Sailing Boat encourages numerous activities and role-playing games.



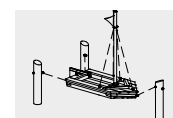
Fundamental characteristics

- Unique and original
- Three-point suspension evokes the illusion of being on a sailing boat
- Incentive for playing: shape, mast guy
- Exercise activity: moving one's centre of gravity, rocking, swinging

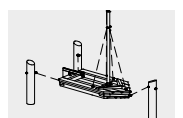
Recommended for

- Kindergarten children
- Schoolchildren
- Supervised play areas such as kindergartens, schools, after-school programmes or similar
- Public play areas such as kindergartens, schools, after-school programmes or similar

Sailing Boat Sailing Boat with Flag

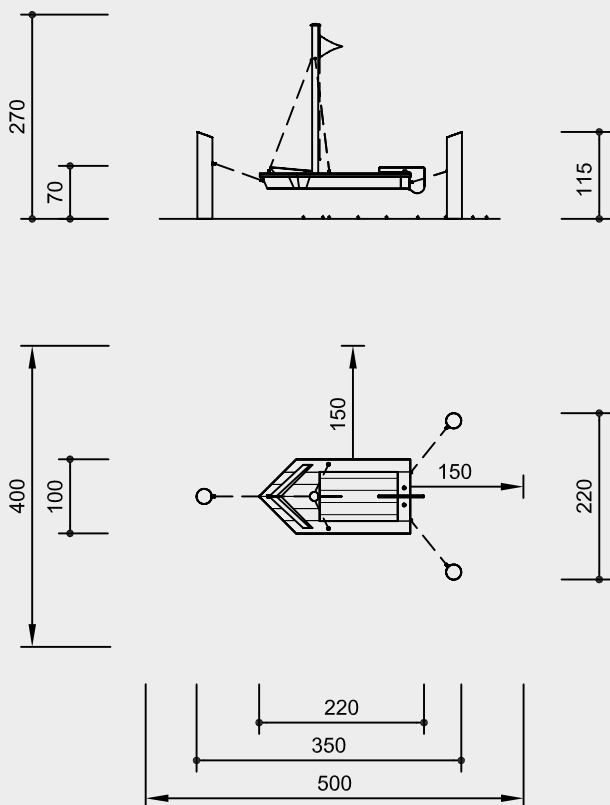


6.03200 / 6.03201



6.03210

Order No. 6.03200 Sailing Boat with Flag



Scale 1:100

Safety check according to EN 1176

Components

Order No. 6.03200

Sailing Boat with Flag

- 1 Ship with mast and tiller
- 3 Stand posts of robinia
- 1 Hoistable flag

Order No 6.03201

Sailing Boat with Flag

- as above but with stand posts made of galvanised steel tube Ø 178 mm

Order No 6.03210

Sailing Boat

- 1 Ship with mast and tiller
- 3 Stand posts of robinia

Dimensions

deviations possible)

length	3.50 m
width	2.20 m
seat height	0.70 m
weight	

Order No. 6.03200

Sailing Boat with Flag

335 kg

Order No. 6.03201

Sailing Boat with Flag

265 kg

Order No. 6.03210

Sailing Boat

330 kg

Installation information

Surfacing requirements corresponding to a fall height of ≤ 1.00 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 assembly instructions.

Technical changes reserved.

For use in aggressive environments such as salt or chlorine water, the equipment is also available in marine grade steel (V4A).

Technical information

All pieces of equipment made of non-impregnated mountain larch, robinia

Peeled white

Palisades peeled white means that bark, cambium and sapwood are removed, the natural shape of the trunk is preserved and can be experienced



Bevel cut

Vertical stand posts with bevelled end grain section as constructive wood preservation measure



Core-free

Sawn-timbers core-free, thus decreasing occurrences of cracking and undesired changes in shape



Tongue and groove

Tongue and groove planks made of 4 cm solid wood, highly resilient, no trickling of dust / sand, protection against direct rain



Universal joint

Drop-forged, hot-dip galvanised universal joint, consists of two sintered bushes, for free swinging in any direction



Profiled washer

Profiled washer for covering protruding screw heads according to standard, improved pressure distribution and protection against water. Impedes loosening the bolt



Adjustable

Adjustable two-piece bolt connection, easy to maintain, no projecting threads



Sintered bush

For all reciprocating movements we use sintered plain bearings which are self-lubricating in use and can easily be exchanged if necessary



Chains

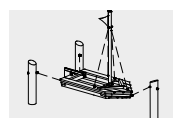
Chains made of hot-dip galvanized steel (1.4301 / 1.4571 at extra charge) welded before galvanising, short-linked, without eyelets on the connecting parts, easy to exchange and shorten



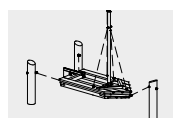
For more detailed explanation of the quality characteristics see price list.

fittings hot-dip galvanised

flag made of weatherproof PVC fabric



6.03200 / 6.03201



6.03210

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 easily and turn around together with the Whirligig. This carousel provides the opportunity of exploring the laws of centrifugal force in a playful manner.

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

Recommended for

- Children under 3 years
- Kindergarten children
- Supervised play areas such as kindergartens, schools, after-school programmes or similar
- Public areas without supervision, such as playgrounds, parks or similar



Order No. 6.28100 Whirligig with Arms, orange

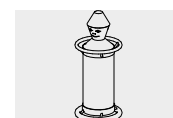


Order No. 6.28104 Whirligig with Collar, red / orange, Photo © Daniel Perales



Order No. 6.28100
Whirligig with Arms, light blue/blue

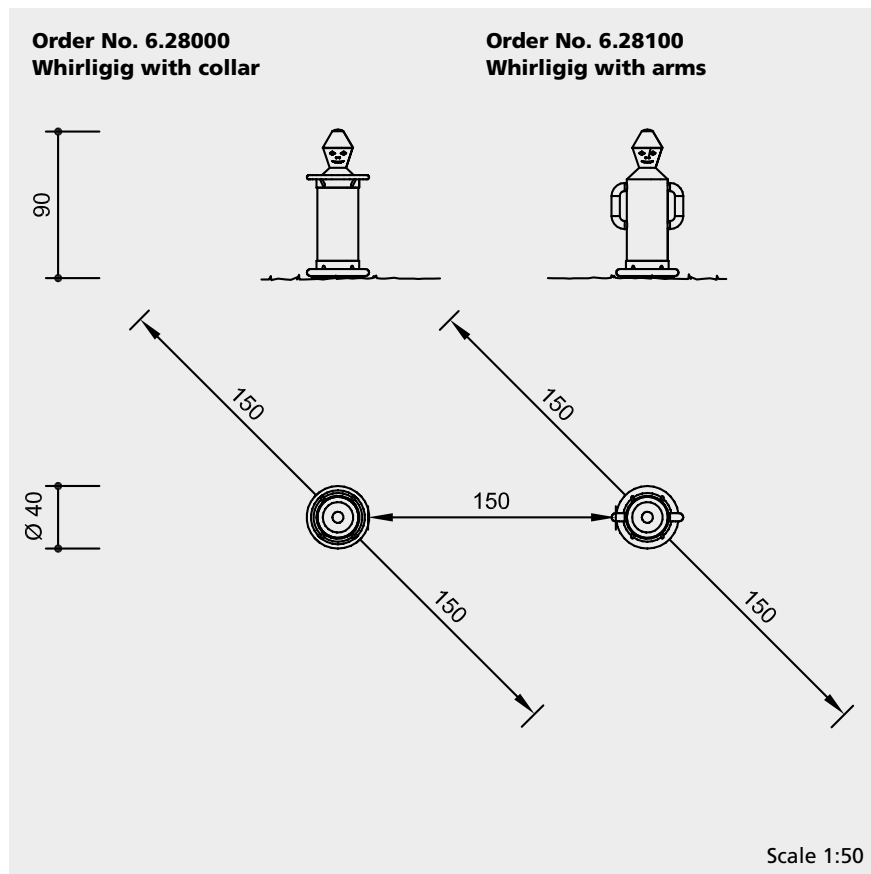
Whirligig with Collar
Whirligig with Arms



6.28000 - 6.28006



6.28100 - 6.28106



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. $\varnothing 1.00 \times 0.45$ 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.

Technical changes reserved.

Technical information

Turning body lathe-turned from one piece of non-impregnated mountain larch

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, glass bead blasted

With double polyamide bearings

Colour

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

Standard colours:

Order No. 6.28000 / 6.28100

light blue / blue

Order No. 6.28004 / 6.28104

red / orange

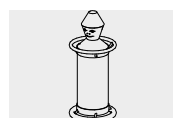
Order No. 6.28006 / 6.28106

purple / pink

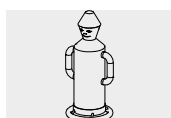
Dimensions

(small deviations possible)

Height	0.90 m
Diameter	0.40 m
Weight	160 kg



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.



Photo © Paul Upward Photography

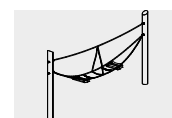
Fundamental characteristics

- Unique and original
- By the special geometry, furious swinging is not possible
- Incentive for playing: relaxed position
- Movement: swaying, swinging

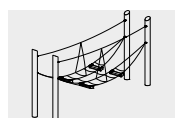
Recommended for

- Kindergarten children
- Schoolchildren
- Supervised play areas such as kindergartens, schools, after-school programmes or similar
- Public areas without supervision, such as playgrounds, parks or similar

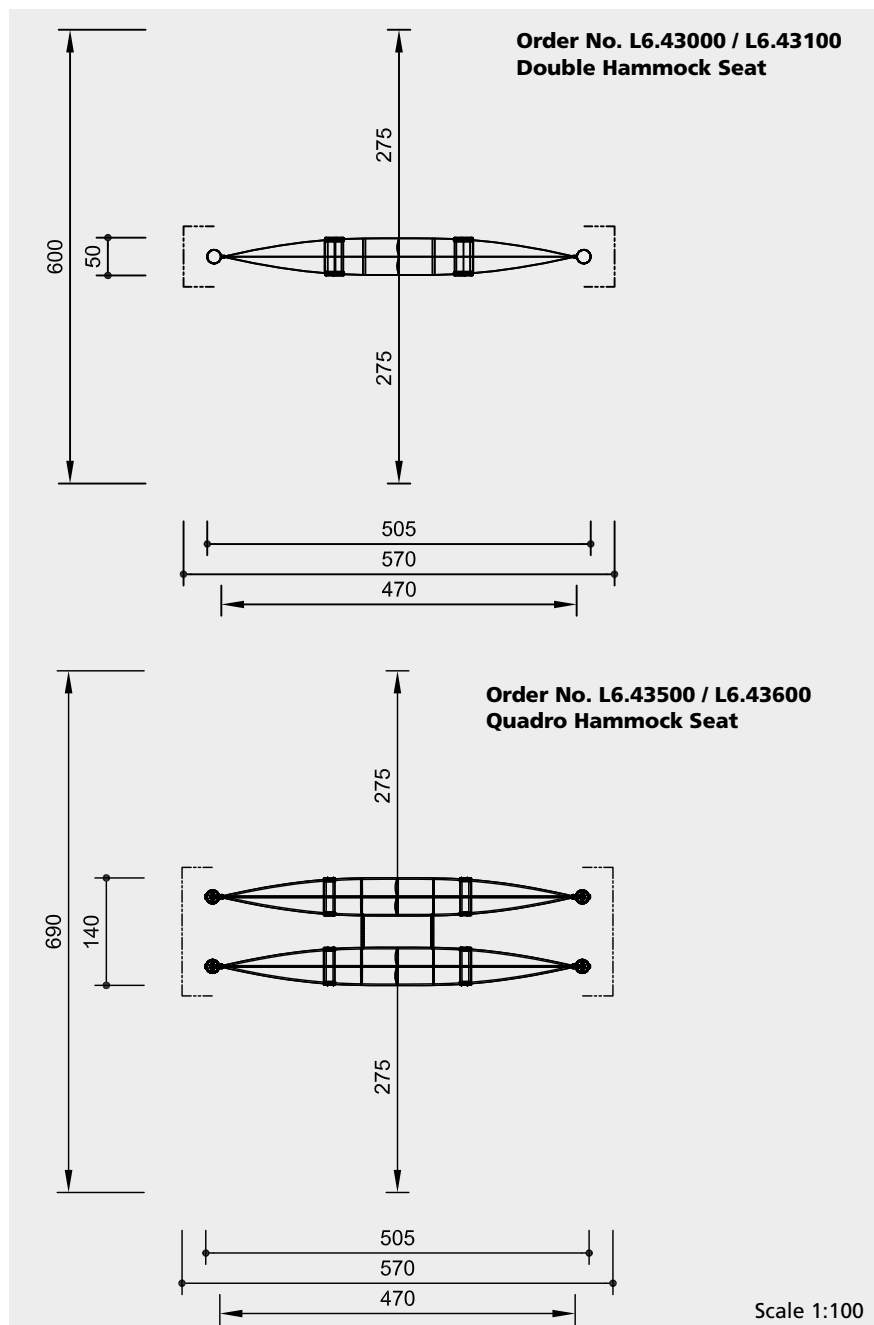
Double Hammock Seat Quadro Hammock Seat



L6.43000 / L6.43100



L6.43500 / L6.43600



Safety check according to EN 1176

Components

Order No. L6.43000 / L6.43100 Double Hammock Seat

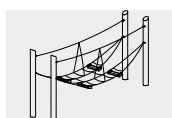
2 support posts with steel feet
1 rope structure with 2 integrated swing seats (Order No. L6.43100 with smaller mesh size, suited for smaller children)

Order No. L6.43500 / L6.43600 Quadro Hammock Seat

4 support posts with steel feet
2 connected rope structures with each 2 integrated swing seats (Order No. L6.43600 with smaller mesh size, suited for smaller children)



L6.43000 / L6.43100



L6.43500 / L6.43600

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. L6.43000 / L6.43100 Double Hammock Seat

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

Order No. L6.43500 / L6.43600 Quadro Hammock Seat

2 items 80 x 170 x 60 cm
excavation depth 80 cm

Attention:

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

Technical information

Equipments made of non-impregnated mountain larch

Peeled white

Palisades peeled white means that bark, cambium and sapwood are removed, the natural shape of the trunk is preserved and can be experienced



Bevel cut

Vertical stand posts with bevelled end grain section as constructive wood preservation measure



Swing seat

Ergonomically shaped swing seat made of rubber with soft shock absorbing edge. Durable due to strong profiled steel insert



Richter Hercules type rope

Richter Hercules type rope, a combination of galvanised six-strand steel cables and polyester yarn, diameter > 20 mm, laid and glued with very good abrasion resistance, strong sheathing even in the case of damage by puncturing



Aluminium rope pressing

Aluminium rope pressing, cylindrically pressed, with rounded ends



S-connectors

S-connectors $\varnothing 8.1$ mm, made of high-quality stainless steel, rounded



Universal joint

Drop-forged, hot-dip galvanised universal joint, consists of two sintered bushes, for free swinging in any direction



Adjustable

Adjustable two-piece bolt connection, easy to maintain, no projecting threads



Sintered bush

For all reciprocating movements we use sintered plain bearings which are self-lubricating in use and can easily be exchanged if necessary



Ground anchor

All parts used for anchoring to the ground are made of hot-dip galvanised steel or stainless steel



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

Dimensions

(small deviations possible)

Order No. L6.43000

Height	2,35 m
Length	5,05 m
Width	0,50 m
Weight	145 kg

Order No. L6.43500

Height	2,35 m
Length	5,05 m
Width	1,40 m
Weight	300 kg

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.



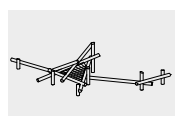
Climbing Structure 09

Fundamental characteristics

- Natural, strong posts
- No pre-determined play procedures, individual mastering
- Incentive for playing: strong, challenging construction
- Movement: climbing, balancing, doing exercise

Recommended for

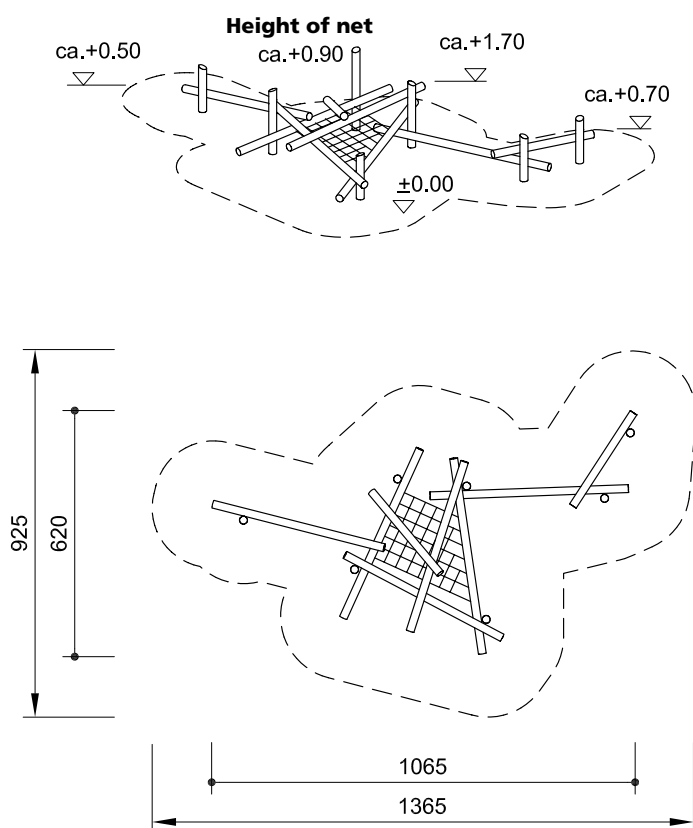
- Kindergarten children
- Schoolchildren
- Supervised play areas such as kindergartens, schools, after-school programmes or similar
- Public areas without supervision, such as playgrounds, parks or similar



6.51009 / L6.51009

Order No. 6.51009 Climbing Structure 09

Height details in meters



Scale 1:200

Safety check according to EN 1176 and „safety in another way“

Components

7 Stand posts
8 Connecting tie beams
1 Net
Fittings

Dimensions

(small deviations possible)

Length 10.65 m
Width 6.20 m

Required space

13.65 x 9.25 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.
Technical changes reserved.

Technical information

Posts of robinia, Ø 15 - 21 cm, splinter free and sanded smooth

Peeled white

Palisades peeled white means that bark, cambium and sapwood are removed, the natural shape of the trunk is preserved and can be experienced



Bevel cut

Vertical stand posts with bevelled end grain section as constructive wood preservation measure



Richter Hercules type rope

Richter Hercules type rope, a combination of galvanised six-strand steel cables and polyester yarn, diameter > 20 mm, laid and glued with very good abrasion resistance, strong sheathing even in the case of damage by puncturing



Aluminium rope pressing

Aluminium rope pressing, cylindrically pressed, with rounded ends



S-connectors

S-connectors Ø 8.1 mm, made of high-quality stainless steel, rounded



Profiled washer

Profiled washer for covering protruding screw heads according to standard, improved pressure distribution and protection against water. Impedes loosening the bolt



Adjustable

Adjustable two-piece bolt connection, easy to maintain, no projecting threads



Distance fitting

Screw connection with distance fitting to avoid entrapment areas



Fastening of nets

Fastening of net by means of adjustable stainless steel chain fixation, easy assembly and maintenance



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

Net suspension with short-linked stainless steel chains

Order No. L6.51009

as above, but de-barked posts of non-impregnated mountain larch, Ø 15 - 21 cm, splinter free and sanded smooth, additionally:

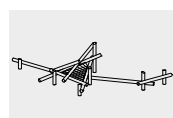
Ground anchor

All parts used for anchoring to the ground are made of hot-dip galvanised steel or stainless steel



Relief cut

Targeted relief cut as an effective measure against cracks caused by drying. The cut defines the position of the stress equalization in the trunk and minimises natural cracking



6.51009 / L 6.51009

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

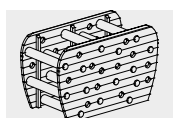
- Logs arranged like a loom
- Peepholes at the side
- Movement:
climbing up and around, crawling

Recommended for

- Kindergarten children
- Schoolchildren
- Public play areas such as kindergartens, schools, after- school programmes or similar

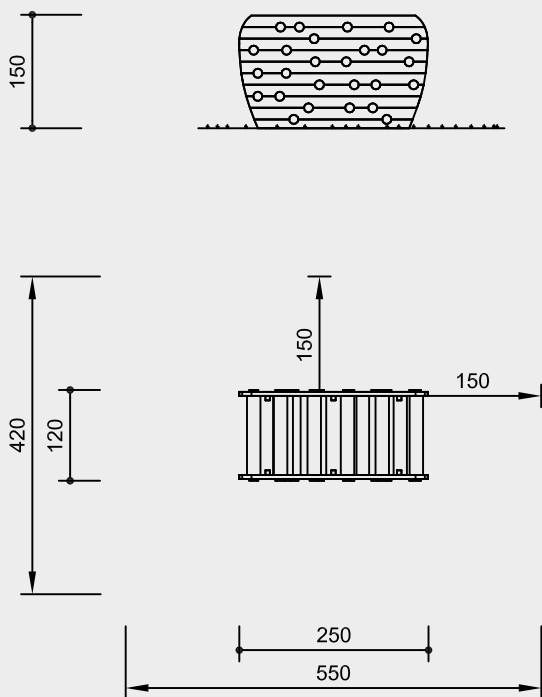


Climbing Loom



4.20000

Order No. 4.20000 Climbing Loom



Scale 1:100

Safety check according to EN 1176

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 50 x 50 x 40 cm
excavation depth 80 cm

Attention:

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

Technical information

Equipment of non-impregnated mountain larch

Peeled white

Palisades peeled white means that bark, cambium and sapwood are removed, the natural shape of the trunk is preserved and can be experienced



Core-free

Sawn-timbers core-free, thus decreasing occurrences of cracking and undesired changes in shape



Ground anchor

All parts used for anchoring to the ground are made of hot-dip galvanised steel or stainless steel

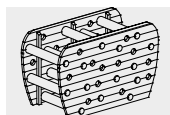


**For more detailed explanation of the
quality characteristics see price list.**

Dimensions

(small deviations possible)

Height	1.50 m
Length	2.50 m
Width	1.20 m
Weight	550 kg



4.20000



Additional Equipment



Best.-Nr. 4.24455 Niedrige Ausführung für Kleinkinder



Play value

Children's need to scribble and draw on various surfaces can be perfectly guided by installing a drawing board. Kindergarten children in particular feel themselves attracted to the "blackboard" and they use it as an incentive for role-playing games.

Fundamental characteristics

- Child proportions according to ergonomic requirements
- Natural wooden surface that appeals to the senses
- Minimalistic style
- With chalk tray

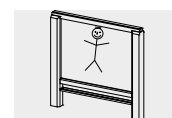
Recommended for

- Children under 3 years
- Supervised play areas, such as kindergartens, schools, after-school programmes or similar

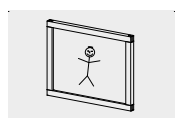
Barrier-free

- Independent play

Drawing Board Drawing Board for wall attachment

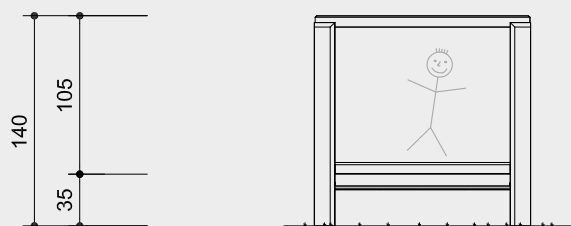


4.24450 / 4.24455

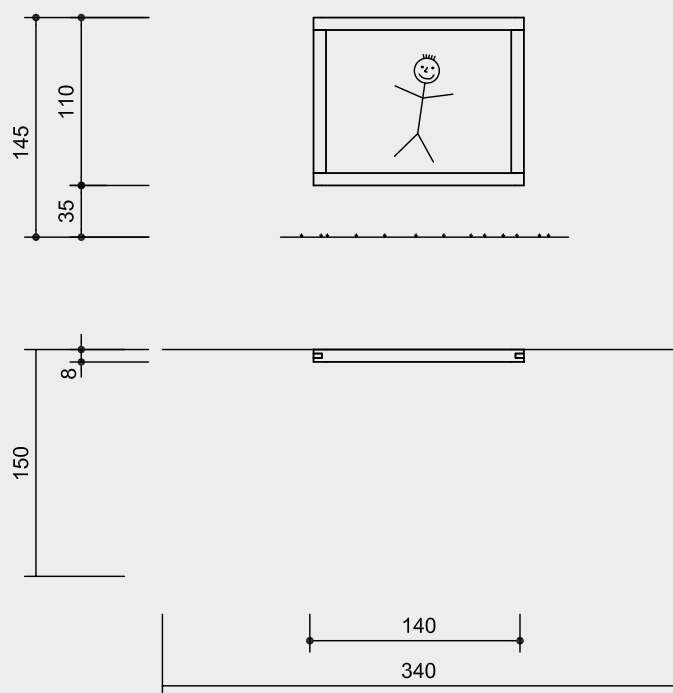


4.24460

Order No. 4.24450 Drawing Board



Order No. 4.24460 Drawing Board for wall attachment



Scale 1:50

Safety check according to EN 1176

Components

Order No. 4.24450 / 4.24455

- 1 drawing board with chalk tray
- 1 package of liquid chalk pens (6 pieces)

Order No. 4.24460

- 1 drawing board
- 1 package of liquid chalk pens (6 pieces)

Installation information

Surfacing requirements
no requirements

Foundations

Order No. 4.24450 / 4.24455

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

Attention:

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

Technical changes reserved.

Technical information

Equipment made of non-impregnated mountain larch

Order No. 4.24450 / 4.24455

Core-free

Sawn-timbers core-free, thus decreasing occurrences of cracking and undesired changes in shape



Ground anchor

All parts used for anchoring to the ground are made of hot-dip galvanised steel or stainless steel



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

Drawing board of HPL high-pressure laminated wood, thickness 10 mm, usable on both sides

Matt surface; colour ultramarine

Chalk tray made of stainless steel

Order No. 4.24460

Core-free

Sawn-timbers core-free, thus decreasing occurrences of cracking and undesired changes in shape



Drawing board of HPL high-pressure laminated wood, thickness 10 mm, usable on both sides

Matt surface; colour ultramarine

Dimensions

(small deviations possible)

Order No. 4.24450

Drawing Board

Height	1,40 m
Length	1,45 m
Width	0,15 m
Drawing surface	1,16 x 0,92 m
Weight	100 kg

Order No. 4.24455

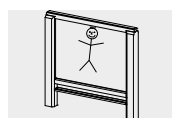
Drawing Board low version

Height	1,30 m
Length	1,45 m
Width	0,15 m
Drawing surface	1,16 x 0,92 m
Weight	95 kg

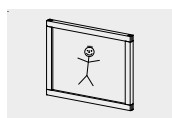
Order No. 4.24460

Drawing Board for wall attachment

Height	1,10 m
Length	1,40 m
Width	0,08 m
Drawing surface	1,16 x 0,92 m
Weight	80 kg



4.24450 / 4.24455



4.24460

Play value

Children love seats that are intended just for them. They use them either according to their original function, or they attribute a new meaning to them depending on what they are playing. Children like to sit down anywhere they are allowed to; they prefer unusual seating such as the Trunk Seat with face. The Toddler's Table promotes communication and can also serve at the same time as a meeting point for an outside facility.

Fundamental characteristics

- Natural wooden surface that appeals to the senses
- Harmonic design

Recommended for

- Children under 3 years
- Kindergarten children
- Public play areas such as kindergartens, schools, after- school programmes or similar
- Swimming pools without supervision, such as outdoor pools, adventure pools or similar



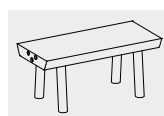
Order No. 4.24170 Play Table, Order No. 4.24200 Trunk Seat



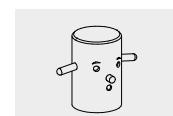
Order No. 4.35050 Toddler's Table with 8 Stools, Photo © Daniel Perales



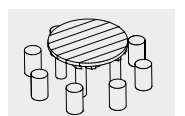
Play Table
Trunk Seat
Toddler's Table with 8 Stools



4.24170

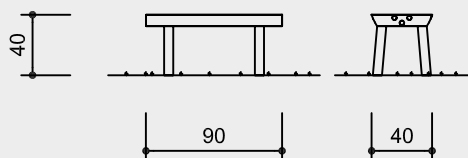


4.24200

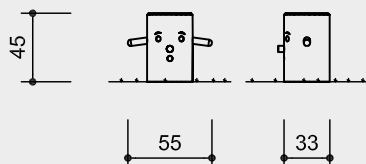


4.35050

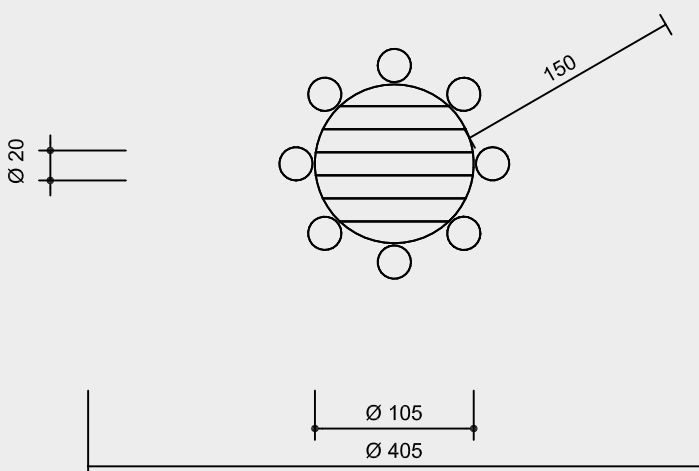
4.24170 Play Table



4.24200 Trunk Seat



Order No. 4.35050 Toddler's Table with 8 Stools



Scale 1:50

Safety check according to EN 1176

Components

Order No. 4.24170
1 play table

Order No. 4.24200
1 trunk seat

Order No. 4.35050
1 round table with 2 threaded rods
8 stools with 1 threaded rod

Installation information

Surfacing requirements
no requirements

Foundations
(only necessary in order to immobilise the equipment)

Order No. 4.35050
Table

2 items 20 x 20 x 30 cm
excavation depth 50 cm

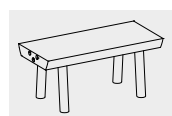
Stool

8 items 20 x 20 x 30 cm
excavation depth 50 cm

Attention:

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

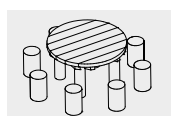
Technical changes reserved.



4.24170



4.24200



4.35050

Technical information

Equipment of non-impregnated mountain larch

Order No. 4.24170 Play Table

Core-free

Sawn-timbers core-free, thus decreasing occurrences of cracking and undesired changes in shape



Order No. 4.24200 Trunk Seat

Peeled white

Palisades peeled white means that bark, cambium and sapwood are removed, the natural shape of the trunk is preserved and can be experienced



Relief cut

Targeted relief cut as an effective measure against cracks caused by drying. The cut defines the position of the stress equalization in the trunk and minimises natural cracking



Order No. 4.35050

Toddler's Table with 8 Stools

Peeled white

Palisades peeled white means that bark, cambium and sapwood are removed, the natural shape of the trunk is preserved and can be experienced



Core-free

Sawn-timbers core-free, thus decreasing occurrences of cracking and undesired changes in shape



Ground anchor

All parts used for anchoring to the ground are made of hot-dip galvanised steel or stainless steel



Relief cut

Targeted relief cut as an effective measure against cracks caused by drying. The cut defines the position of the stress equalization in the trunk and minimises natural cracking



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

Dimensions

(small deviations possible)

Order No. 4.24170 Play Table

length 0.90 m
height 0.40 m
weight 35 kg

Order No. 4.24200 Trunk Seat

diameter 0.33 m
with grips 0.55 m
height 0.45 m
weight 25 kg

Order No. 4.35050

Toddler's Table with 8 Stools

Total weight 125 kg

Table

Height 0.60 m
Diameter 1.05 m
Weight 60 kg

Stool

Height 0.35 m
Diameter 1.20 m
Weight 9 kg



Photo © Daniel Perales

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. 4.35000 Round Table with 8 Benches, Photo © Daniel Perales

Fundamental characteristics

- Wooden surface which appeals to the senses
- Agreeable design

Recommended for

- Kindergarten children
- Public play areas such as kindergartens, schools, after- school programmes or similar
- Swimming pools without supervision, such as outdoor pools, adventure pools or similar

Round Table with 8 Benches

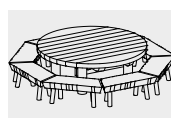
Round Table

Stool with Back

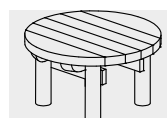
Stool without Back



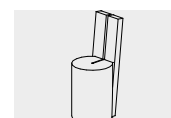
Order No. 4.40051 Stool without Back, Photo © Daniel Perales



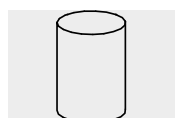
4.35000



4.40000

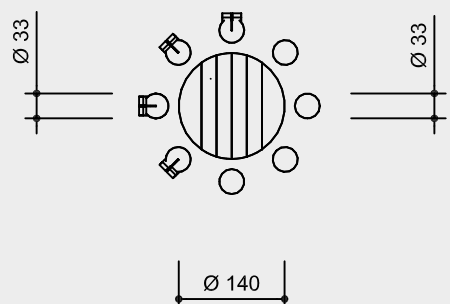
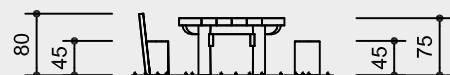
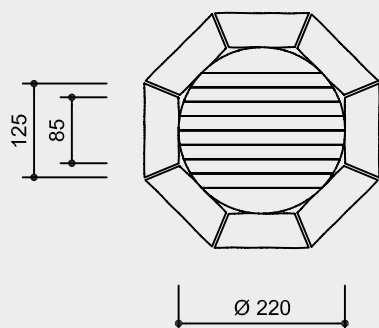


4.40050



4.40051

Order No. 4.35000 Round Table with 8 Benches



Order No. 4.40000 Round Table

Order No. 4.40050 Stool with Back

Order No. 4.40051 Stool without Back

Example with 8 Stools

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, attached

Order No. 4.40051

1 Stool without Back
2 foundation irons, attached

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.

Technical information

Equipment of non-impregnated mountain larch

Peeled white

Palisades peeled white means that bark, cambium and sapwood are removed, the natural shape of the trunk is preserved and can be experienced



Core-free

Sawn-timbers core-free, thus decreasing occurrences of cracking and undesired changes in shape



Ground anchor

All parts used for anchoring to the ground are made of hot-dip galvanised steel or stainless steel



Order No. 4.40050 / 4.40051

Relief cut

Targeted relief cut as an effective measure against cracks caused by drying. The cut defines the position of the stress equalization in the trunk and minimises natural cracking



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

Table tops of 10 cm thick boards, connected by additional hardwood tongue boards

Dimensions

(small deviations possible)

Order No. 4.35000

Round Table with 8 Benches

Table	
Diameter	2.20 m
Height	0.75 m
Weight	330 kg
Bench	
Length	1.25 m
Seat height	0.45 m
Weight	40 kg each

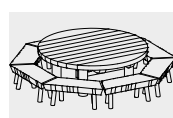
Order No. 4.40000 Round Table

Diameter	1.40 m
Height	0.75 m
Weight	175 kg

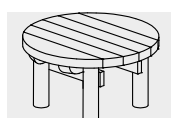
Order No. 4.40050 Stool with Back

Order No. 4.40051 Stool without Back

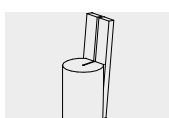
Diameter	0.33 m
Seat height	0.45 m
Weight	20 / 30 kg



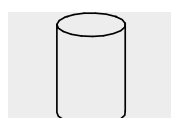
4.35000



4.40000



4.40050



4.40051



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.

Recommended for

- Kindergarten children
- Schoolchildren
- Young people
- Adults
- Older people
- Supervised play areas such as kindergartens, schools, after- school programmes or similar
- Public play areas such as kindergartens, schools, after- school programmes or similar

Barrier-free

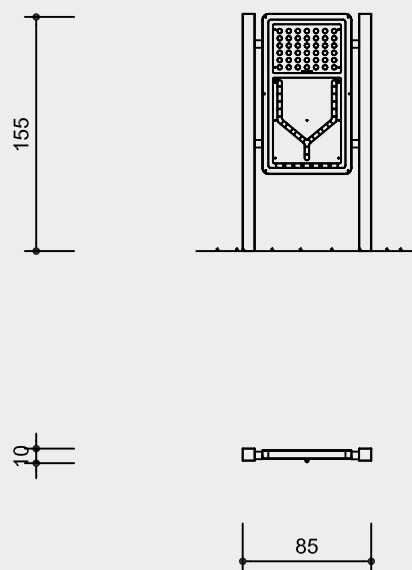
- Independent play

Four in a row



9.15000

Order No. 9.15000 Four in a row



Scale 1:50

Safety check according to EN 1176

Components

1 outer frame with playing field and magazine with 21 playing tokens of each colour

(according to utility model
20 2012 012 518.4 Germany)

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.

Technical changes reserved.

Technical information

Equipment made of matt finished/glass bead blasted (stainless steel)

Ground anchor

All parts used for anchoring to the ground are made of hot-dip galvanised steel or stainless steel



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

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	80 kg



9.15000



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.

Recommended for

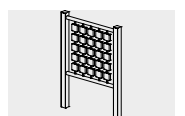
- Kindergarten children
- Schoolchildren
- Young people
- Adults
- Older people
- Supervised play areas such as kindergartens, schools, after-school programmes or similar
- Public play areas such as playgrounds, parks or similar

Barrier-free

- Independent play



Pairs



9.15200

**Do you want to know
more about us?**

- ① The main catalogue comprises our complete range of standard equipment.

A selection of our products is described in the following theme catalogues:

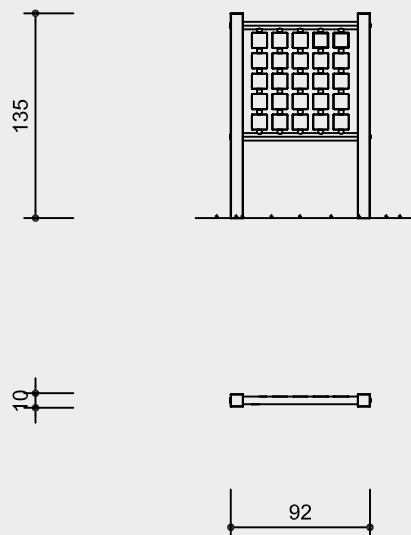
- ② Acoustic and Play
- ③ For the Very Young
- ④ The Child at Play
- ⑤ Movement by Climbing
- ⑥ Growing Older
- ⑦ graubner Play Stations for Developing the Senses



Richter Spielgeräte GmbH

Germany · 83 112 Frasdorf · Simsseestraße 29 · Phone + 49 - 80 52 - 1 79 80 · Fax + 49 - 80 52 - 41 80
info@richter-spielgeraete.de · www.richter-spielgeraete.de

Order No. 9.15200 Pairs



Scale 1:50

Safety check according to EN 1176

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.
Technical changes reserved.

Technical information

Frame and standposts made of stainless steel

Ground anchor

All parts used for anchoring to the ground are made of hot-dip galvanised steel or stainless steel



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

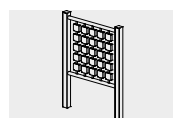
12 pairs of turnable timber pieces made of oiled mountain larch with animal theme on one side, mounted in sliding bushes

Animal themes made of stainless steel, laser cut and vibratory grinding

Dimensions

(small deviations possible)

Height	1.35 m
Length	0.92 m
Width	0.10 m
Play area	0.70 x 0.70 m
Weight	45 kg



9.15200