

Play Area – Furniture Specification

The play equipment is listed below with original spec. by architect and reference number to match the furniture location plan. Further detail has been supplied following on from this with information from the respective suppliers.

701 – Little Chicken

Demountable bouncing animal seats.

- a) Supplier: Timberplay or acceptable equivalent.
- b) Manufacturer: Richter Spielgerate.
- c) Reference: 4.08100 Little Chicken

702 Swings

Pair of swings.

- a) Supplier: Timberplay or acceptable equivalent.
- b) Manufacturer: Richter Spielgeräte.
- c) Reference: 6.12800 347 Multi Surface Twin Swing.

703 Pump and Water Channel

Playground water pump with integrated connection to mains water in the pillar pump and two water channels.

- a) Supplier: Timberplay or acceptable equivalent.
- b) Manufacturer: Richter Spielgeräte.
- c) References:
 - i) Pump; 17630 Playground Pump, drinking water to underside of piston.
 - ii) Water channel: 5.15600 249 - 254 Triangular Channel.

704 Slide and Tower

Climbing tower with platform and slides.

- a) Supplier: Timberplay or acceptable equivalent.
- b) Manufacturer: Richter Spielgeräte.
- c) References:
 - i) Platform: 3.26300 Platform, height 1.5m.
 - ii) Slides: 3.63320 and 3.63280 441, width 1m.

705 Balancing Blocks

Balancing blocks.

- a) Supplier: Timberplay or acceptable equivalent.
- b) Manufacturer: Richter Spielgeräte.
- c) Reference: 6.51700 423 Balance Blocks.

701 Little Chicken

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, Photo © Daniel Perales



Order No.4.08110 Little Fish, Photo © Daniel Perales



Order No. 4.08100 Little Chicken

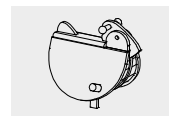
Fundamental characteristics

- Child-oriented dimensions
- Friendly appearance
- Natural wooden surface which appeals to the senses
- Coloured design
- Movement: climbing, riding

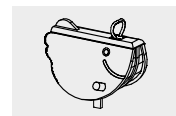
Recommended for

- Children under 3 years
- 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

Little Chicken Little Fish

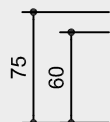


4.08100

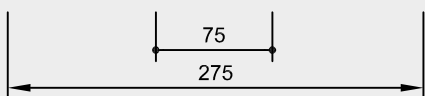
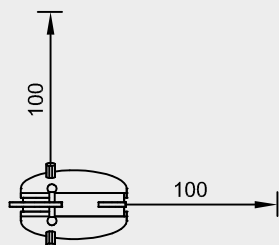
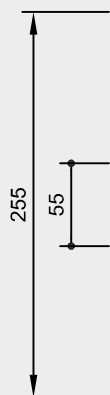


4.08110

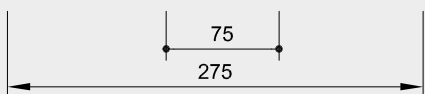
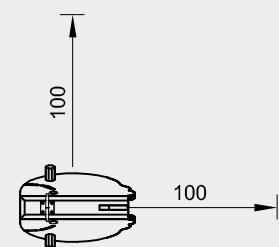
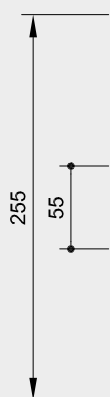
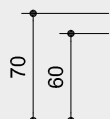
Order No. 4.08100 Little Chicken



Safety distance →
Device dimensions —●—
Functional distance —|—



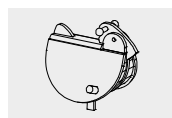
Order No. 4.08110 Little Fish



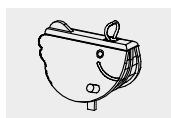
Scale 1:50

Safety check according to DIN EN 1176

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



4.08100



4.08110

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) or 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)

Order No. 4.08100 Little Chicken

Height	0.75 m
Seat height	0.60 m
Length	0.75 m
Width	0.55 m
Weight	140 kg

Order No. 4.08110 Little Fish

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

Components

Order No. 4.08100 / 4.08110

- 1 Animal body, mounted on hot-dip galvanised see-saw mechanism
- 1 Pre-fabricated foundation made of reinforced concrete C35/45

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
45 x 95 x 20 cm

Recommendation

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

702 Swing

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 Multi-surface Twin Swing

Fundamental characteristics

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

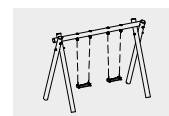
Recommended for

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

Multi-surface Swing Multi-surface Twin Swing



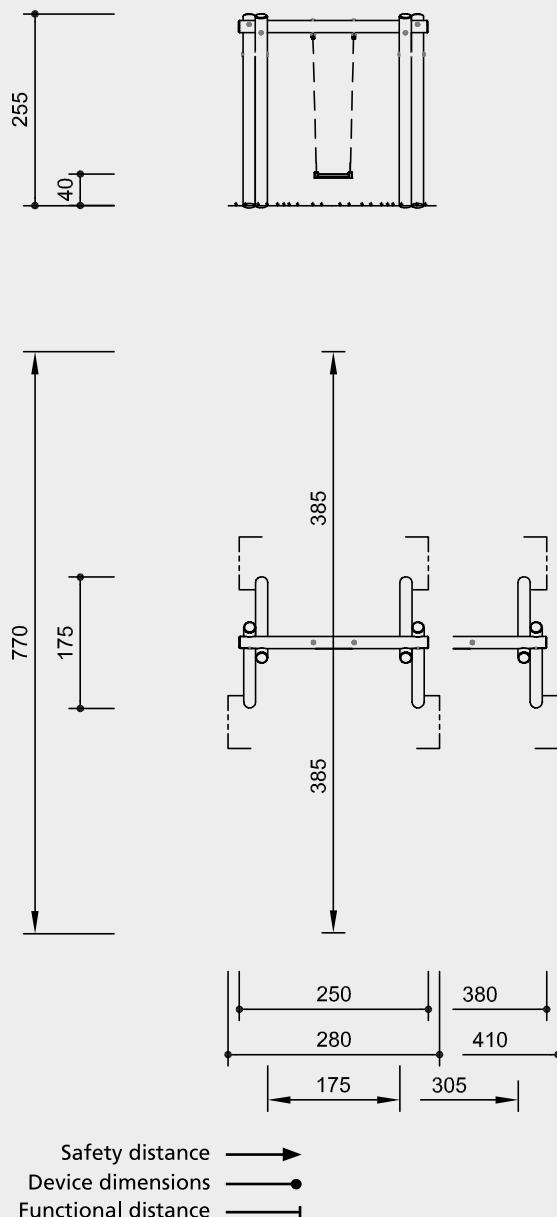
6.12600



6.12800



6.12805

Order No. 6.12600 Multi-surface Swing**Order No. 6.12800 / 6.12805 Multi-surface Twin Swing**

Scale 1:100

Safety check according to DIN 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

**Order No. 6.12805
Multi-surface Twin Swing**

- 1 Swing frame
- 1 Complete Swing suspension
- 1 Complete Toddler seat suspension

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. 6.12600/6.12800/6.12805**

- 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.
Equipments also available with steel feet.

**6.12600****6.12800****6.12805****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**

(small 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. 6.12800/6.12805
Multi-surface Twin Swing**

Height	2.55 m
Vertical clearance	2.35 m
Width	3.80 m
Depth	1.75 m
Weight	200 kg

703 Pump

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
- Movement: physical effort



Photo © Monica Bedmar



Order No. 5.17637 Crank Handle Pump



Photo © Monica Bedmar



Photo © Anton Donikov



Order No. 5.17630 Playground Pump, Photo © Paul Upward

Recommended for

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

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.

Playground Pumps Crank Handle Pumps



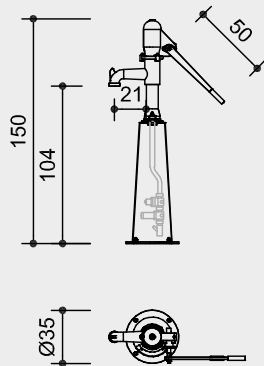
5.17630 / 5.17640



5.17637 / 5.17638

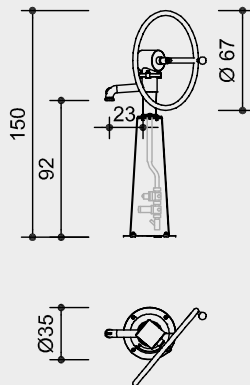
Order No. 5.17630 / 5.17640
Playground Pump with integrated connection to mains water in the pillar

Drinking water up to underside of piston



Order No. 5.17637 / 5.17638
Crank Handle Pump with integrated connection to mains water in the pillar

Drinking water up to underside of piston



Safety distance →
 Device dimensions —●—
 Functional distance —|—

Scale 1:50

Safety check according to DIN EN 1176

Components

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
Utility Model
 20 2020 100 441 Germany

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 / 5.17633**.

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.

Pumps for direct connection to mains water:

No underground shaft required for function.

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 swipec from striking back, water requirement approx. 45 l/min

Order No. 5.17640

General pump specification as **Order No. 5.17630**; but in addition with 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 pillar made of stainless steel; external thread 1 inch; min 2.5 bar water pressure, max. 6 bar; relief valve prevents swipec from striking back, water requirement approx. 18 l/min

Order No. 5.17638

General pump specification as **Order No. 5.17637**; but in addition with programmable rinsing device; no connection to power supply required

Dimensions

(small deviations possible)

Order No. 5.17630 / 5.17640

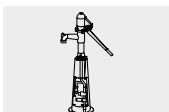
Playground Pump

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

Order No. 5.17637 / 5.17638

Crank Handle Pump

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



5.17630 / 5.17640



5.17637 / 5.17638

704 Slide and Platform



Order No. L3.26300 Square platform Height 1.50 m

Play value

The Platform is well suited as centre of a small play installation. Through the versatile attachment offers, above all attractive activity equipment such as slide, inclined wall, climbing net or firemen's pole, many children can play at the same time; this is important, for instance, on school playgrounds. The Platform is also available with roof.

Fundamental characteristics

- Versatile activity offers
- Sturdy meeting point
- Incentive for playing: climbing up, enjoying the view
- Movement: climbing

Recommended for

- Kindergarten children (only for platform 1.00 m)
- 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



Order No. K3.26500 Square platform with square timber, Height 2.00 m



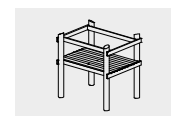
Order No. L3.26500 Square platform, Height 2.00 m

Platforms for combination

Square platform



L3.26101

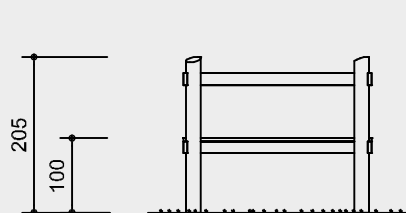


L3.26300

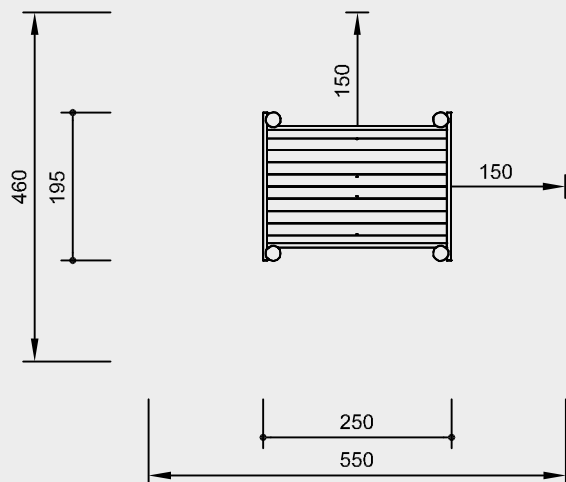
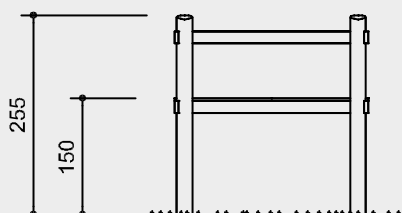


L3.26500

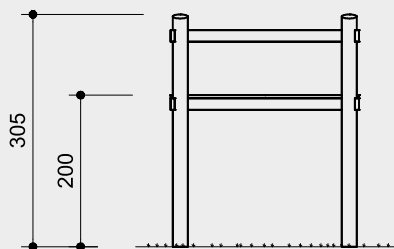
Order No. L3.26101
Square platform
 Height 1.00 m



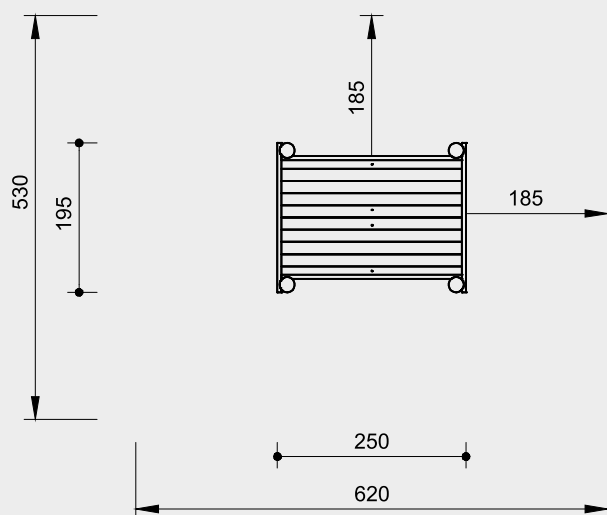
Order No. L3.26300
Square platform
 Height 1.50 m



Order No. L3.26500
Square platform
 Height 2.00 m



Safety distance —————→
 Device dimensions —————●
 Functional distance —————|

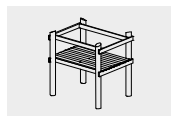


Scale 1:100

Safety check according to DIN EN 1176



L3.26101



L3.26300



L3.26500

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



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. L3.26101

Height	2.05 m
Floor height	1.00 m
Floor size	1.60 x 2.50 m
Exterior dimension	1.95 x 2.50 m
Weight	270 kg

Order No. L3.26300

Height	2.55 m
Floor height	1.50 m
Floor size	1.60 x 2.50 m
Exterior dimension	1.95 x 2.50 m
Weight	320 kg

Order No. L3.26500

Height	3.05 m
Floor height	2.00 m
Floor size	1.60 x 2.50 m
Exterior dimension	1.95 x 2.50 m
Weight	370 kg

Components

- 1 Platform complete with 2 floor elements, guardrails and steel feet

Installation information

Surfacing requirements determined by floor height (please refer to price list for more detailed information)

Foundations

- 4 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.

704 Slide



Photo © Paul Upward

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 sliding on a wide slide.

Fundamental characteristics

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

Recommended for

- 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

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

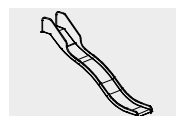
Stainless Steel Slides
Width 1.00 / 1.50 m



Special version, Photo © Anton Donikov



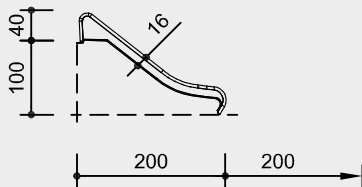
3.63300 - 3.64250



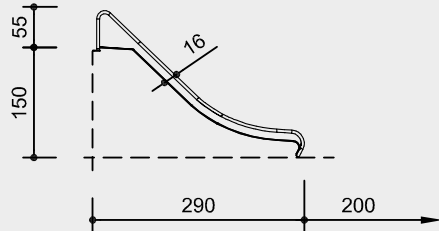
3.63395 / 3.64105

Order No. 3.63300

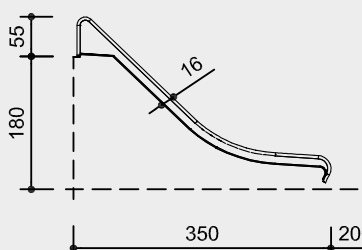
Width 1.00 m

**Order No. 3.63320 / 3.64200**

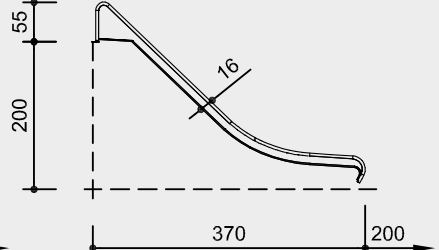
Width 1.00 / 1.50 m

**Order No. 3.63340 / 3.64210**

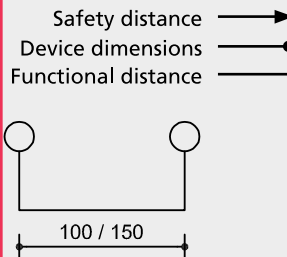
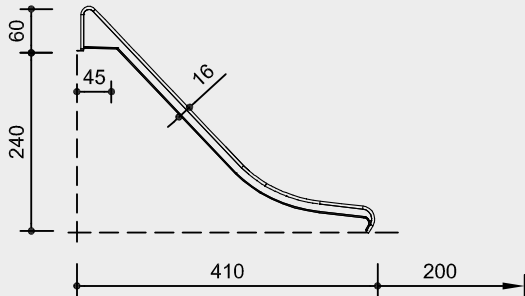
Width 1.00 / 1.50 m

**Order No. 3.63360 / 3.64220**

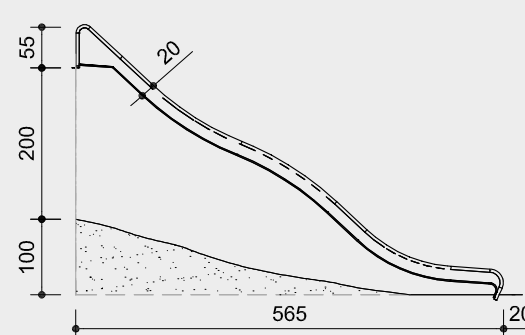
Width 1.00 / 1.50 m

**Order No. 3.63380 / 3.64230**

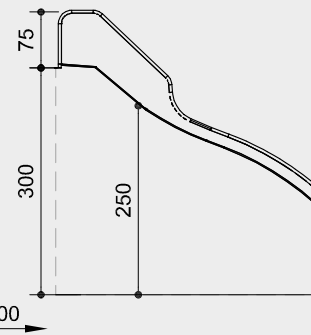
Width 1.00 / 1.50 m

**Order No. 3.63390 / 3.64240**

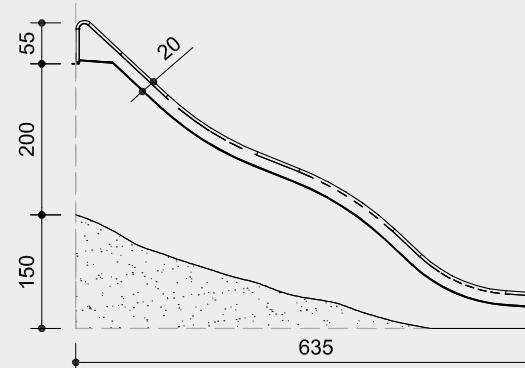
Width 1.00 / 1.50 m

**Order No. 3.63395**

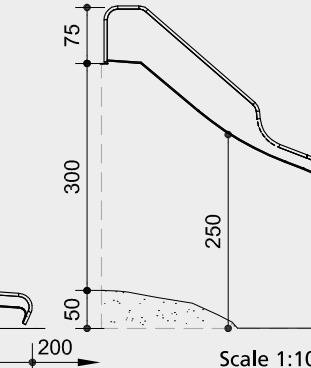
Width 1.00 m

**Order No. 3.64100 / 3.64250**

Width 1.00 / 1.50 m

**Order No. 3.64105**

Width 1.00 m



Scale 1:100

Safety check according to DIN EN 1176

Attention:

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

Technical changes reserved.

Technical information

Slides made of stainless steel,
glass bead blasted
Handrail tube Ø 42 mm, thickness 2 mm
Height of sides 16 or 20 cm
Attached at the top and bottom with
mounting plates

Order No.**3.63300 - 3.63380 / 3.64200 - 3.64230**

Thickness of sides 2 mm,
thickness of sliding surface 3 mm

Order No.**3.63390 - 3.63395 / 3.64240 - 3.64105**

Thickness of sides 2.5 mm,
thickness of sliding surface 3 mm

Order No. 3.63395 / 3.64105

With higher sides for fall height
of more than 2.00 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 with ground anchor

Order No. 3.63320 - 3.63380

1 Slide

Order No. 3.63390 / 3.64100

1 Slide 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

Order No. 3.64240 / 3.64250

1 Slide 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

**3.63300 - 3.64250****3.63395 / 3.64105**

Balancing Blocks

Play value

Blocks with unevenly positioned drillholes are strung on two parallel wires running side by side and highly tensioned. Because of the differences in height of their centres of gravity, some of the wooden blocks are sturdy or loose and wobbly. The result is a stimulating balance trail along which skill and body awareness can develop. It is also fun to have playful competitions on the blocks. The Balance Blocks can be used as an attractive play accompaniment to paths or can be easily integrated into an activity trail.



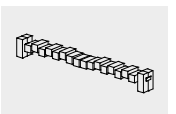
Fundamental characteristics

- Unique and original
- Each block reacts to the user and its weight according to its position on the rope
- Incentive for playing: positioning of the blocks in different heights
- Movement: balance, coordination

Recommended for

- 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
- Swimming pools without supervision, such as outdoor pools, adventure pools or similar

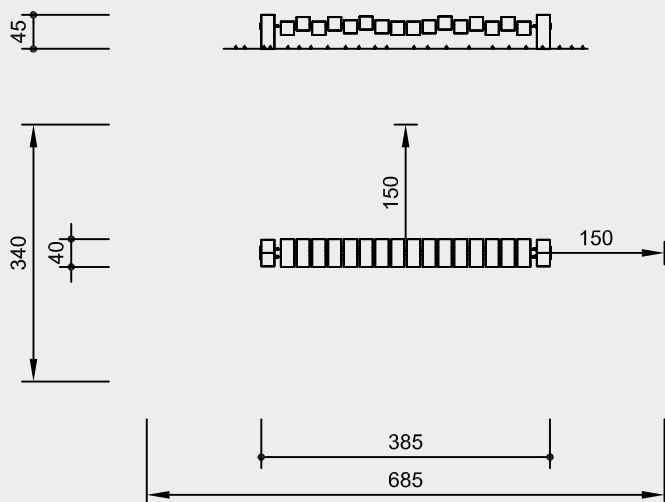
**Balance Blocks
made of larch with steel feet**



6.51700

Order No. 6.51700**Balance Blocks made of larch with steel feet**

Safety distance →
 Device dimensions —●—
 Functional distance —|—



Scale 1:100

Safety check according to DIN EN 1176

Components

- 2 Support posts with steel feet
- 1 Walkway
- 1 Bracing beam (steel)

Installation information

Surfacing requirements
 corresponding to a fall height of ≤ 0.60 m

Foundations
 2 items 60 x 80 x 55 cm
 Excavation depth 75 cm

Attention:
Exact measurements may vary, for all installation dimensions refer to current installation instructions.
 Technical changes reserved.
Support frames also available in hot-dip galvanised steel (see Order No. 6.51701).
Equipment also available made of laminated beams for hot regions (Order No. 6.51703).

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

**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

**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

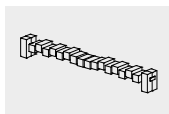
**For more detailed explanation of the quality characteristics see price list.**

Carrying rope $\varnothing$ 18 mm of "Hercules type" with steel core, suspended from drop-forged joints

Dimensions

(small deviations possible)

Height	0.45 m
Length	3.85 m
Width	0.40 m
Weight	250 kg

**6.51700**