



Growing Older

Richter Spielgeräte GmbH



Growing Older

is one of the most significant aspects of being human and affects us all.

Growing older is also accompanied by and characterised through different degrees and different rates of degeneration e.g.

- the senses no longer function as well as they used to,
- cognition and memory diminishes,
- it is not as easy to be spontaneous as it was in younger years,
- the joints leave a lot to be desired.

People react in different ways to the effects of aging. It hits some hard and others less so. Whichever way:

we are all responsible for helping to ensure that

- this phase of life is characterised by a great deal of dignity and self-determination,
- we make every effort, as far as possible, to preserve existing functionality as well as care for it.

With our little mobility program (physical and mental) we aim to offer older people a gentle opportunity to

- exercise their joints and to relax their muscles but not in the sense of "getting fit" as our equipment shall not train the muscles rather than maintaining and improving the mental, emotional and physical mobility,
- appreciate the sensory perceptions that make life worth living,
- be reminded of how we used to feel but also to still feel new experiences.

It should be made clear that growing older can also mean gaining experience, discovering knowledge as well as learning that

- aging does not just mean a loss,
- it is helpful that any deficit be treated with understanding,
- as far as is at all possible, a person stays active in a selfdetermined way.

The equipment which we offer provides a "gentle" opportunity to experience this period of our life in a more enjoyable way. It would be wonderful if people could more often say:

"I like growing old."

Frasdorf, November 2022

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Licensors and designers
Wood - Martin Linacisoro
Stainless steel - Sergi Fernández Herrera
Generationen-Aktiv-Park®- Moser Spielgeräte GmbH
Play Stations for Developing the Senses - Wolfram Graubner

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.

We love the Nature!
The FSC® certified paper Edixion Offset
with a high environmental profile was
used for this catalogue.



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



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). 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) or 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 rope

Hercules rope, for spliced net connections. A compound of steel rope for the core and polyester or polyamide yarn for the sheath. High abrasion resistance, 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 galvanized 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



Stainless Chains

Chains made of steel with high corrosion resistance. Short-linked, without eyelets on the connecting parts, easily replaceable and simple shortening



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

High-quality roller bearings made of chrome steel or stainless steel for rotating elements, easy to maintain and exchange, sealed



Fastening of rope

Fastening of rope / net by means of adjustable 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 PEFC ST 2002:2020 and PEFC ST 2001:2020. 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.



Mobility equipment made of wood

Play value

The Curved Track improves manual agility. The up and down movement of pushing a paired handle along a specially designed track serves to simultaneously exercise the arms, shoulders and wrists. As well, every figure which is made by moving the handle is recognisable and is, likewise, integratable into the therapy.

Recommended for

- Young people
- Adults
- Older people
- Supervised play areas such as schools, after-school programmes or similar
- Public play areas without supervision such as playgrounds, parks or similar



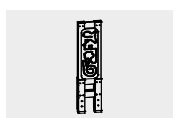
Curve Track



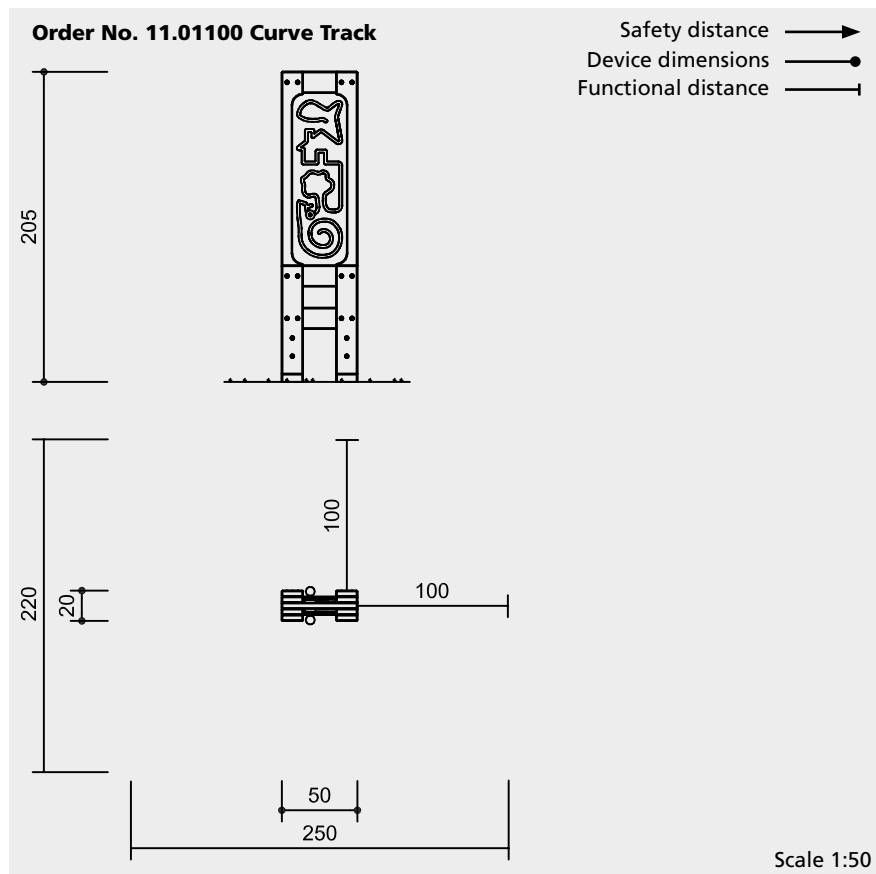
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Design M. Linacisoro



11.01100



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



Adjustable

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



HPL ground anchor

Foundation anchor made of phenol resin paper-based laminates



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

Sandwich construction frame, oiled, non-positive fitting

Curve track made of stainless steel (thickness 10 mm)

Handle bar and balls made of polyamide

Dimensions

(small deviations possible)

Height	2.05 m
Width	0.50 m
Depth	0.20 m
Depth incl. handles	0.30 m
Weight	160 kg

Components

- 1 Curve track with 4 foundation anchors

Installation information

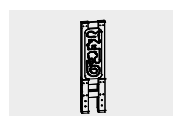
Surfacing requirements
 no requirements

Foundations
 1 item 60 x 90 x 40 cm
 Excavation 60 cm

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

Safety

This equipment is not playground equipment within the scope of DIN EN 1176 and therefore is also not subject to the requirements of this standard. Nevertheless, it is complied with where appropriate.



11.01100

Play value

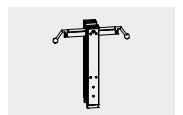
This is a piece of equipment with the typical push and pull movements of sawing. It promotes movement and strengthening of the arms and shoulders. It is possible to hold with one or both hands; furthermore sawing can be done individually or with a partner. Angling the saw up or down also allows it to be used in different positions.



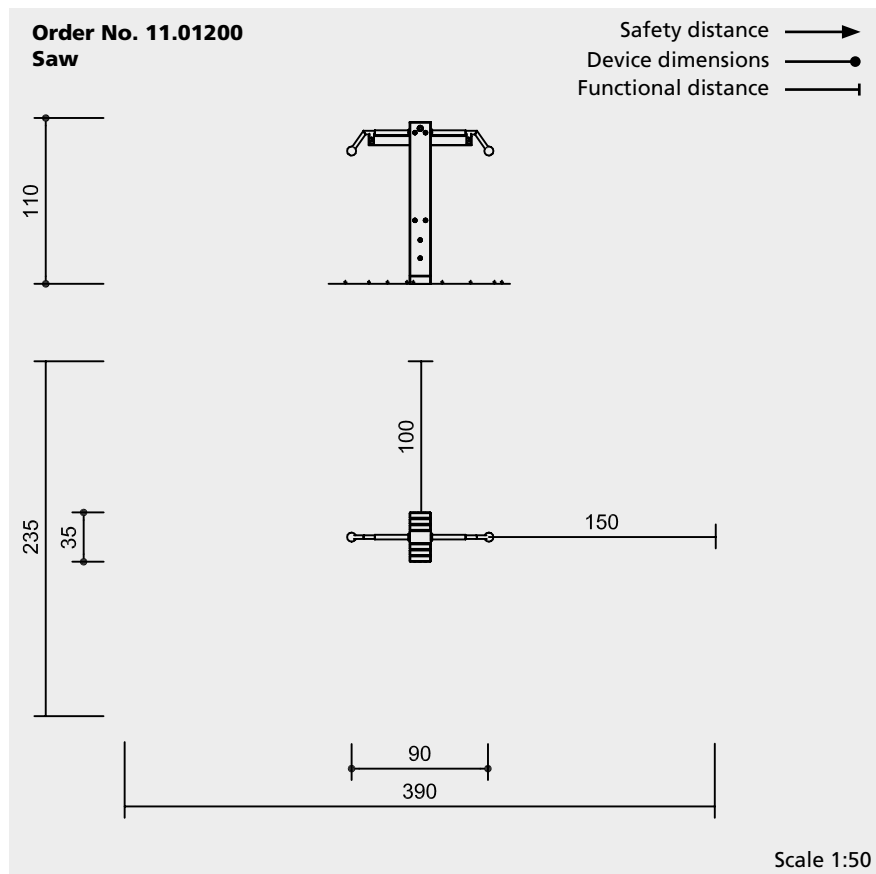
Recommended for

- School children
- Young people
- Adults
- Older people
- Supervised play areas, such as schools, after-school programmes or similar
- Public play areas without supervision, such as playgrounds, parks or similar

Saw



11.01200



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



Adjustable

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



HPL ground anchor

Foundation anchor made of phenol resin paper-based laminates



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

Sandwich construction frame, oiled, non-positive fitting

Saw made of stainless steel

Handle balls made of polyamide

Dimensions

(small deviations possible)

Height	1.10 m
Width	0.90 m
Depth	0.35 m
Saw deflection	max. 0.50 m
Weight	approx. 80 kg

Components

- 1 Saw with 2 foundation anchors

Installation information

Surfacing requirements
no requirements

Foundations
1 item 60 x 70 x 40 cm
Excavation depth 60 cm

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

Safety

This equipment is not playground equipment within the scope of DIN EN 1176 and therefore is also not subject to the requirements of this standard. Nevertheless, it is complied with where appropriate.



11.01200

Play value

The Step Bench has three different heights for sitting, according to body size and desires. Moreover, alternatively standing and sitting at each predefined height is an exercise which strengthens the leg and back muscles. Ball handles are installed on the arm rests to help with standing up.



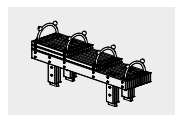
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Step Bench

Recommended for




- School children
- Young people
- Adults
- Older people
- Supervised play areas such as schools, after-school programmes or similar
- Public play areas without supervision such as playgrounds, parks or similar

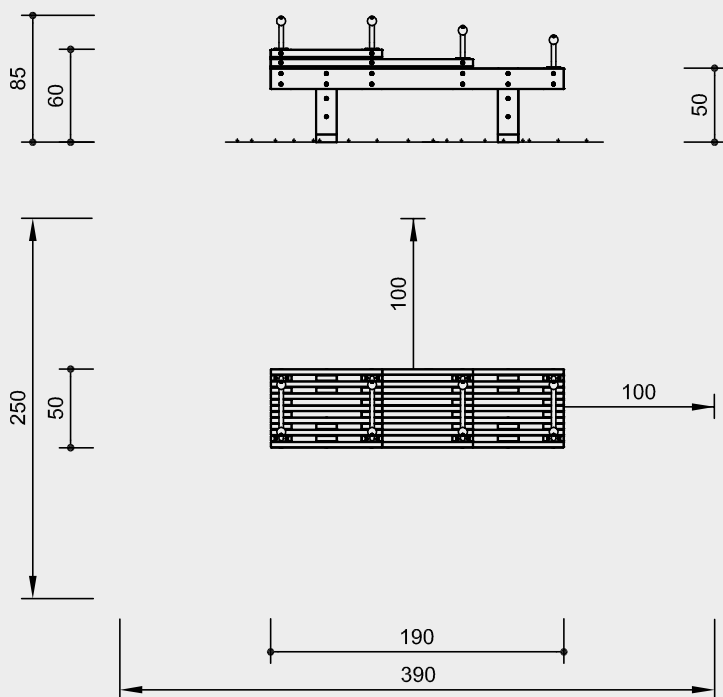
Design M. Linacisoro



11.01300

Order No. 11.01300
Step Bench

Safety distance 
 Device dimensions 
 Functional distance 



Scale 1:50

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



Adjustable

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



HPL ground anchor

Foundation anchor made of phenol resin paper-based laminates



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

Sandwich construction frame, oiled, non-positive fitting

Arm rests made of stainless steel

Handle balls made of polyamide

Dimensions

(small deviations possible)

Height	0.60 m
Height incl. arm rests	0.85 m
Width	1.90 m
Depth	0.50 m
Weight	180 kg

Components

- 1 Step bench with 4 foundation anchors

Installation information

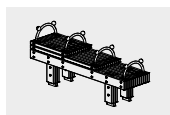
Surfacing requirements
 no requirements

Foundations
 2 items 60 x 80 x 40 cm
 Excavation depth 60 cm

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

Safety

This equipment is not playground equipment within the scope of DIN EN 1176 and therefore is also not subject to the requirements of this standard. Nevertheless, it is complied with where appropriate.



11.01300

Play value

In the Arm Game the alternating forwards and backwards movement of the handles in their guides can be compared to the movements of the poles in cross-country skiing and in Nordic walking, except that here it takes place on the same spot. Varying the pressure means the handles slide either easier or harder.

Fundamental characteristics

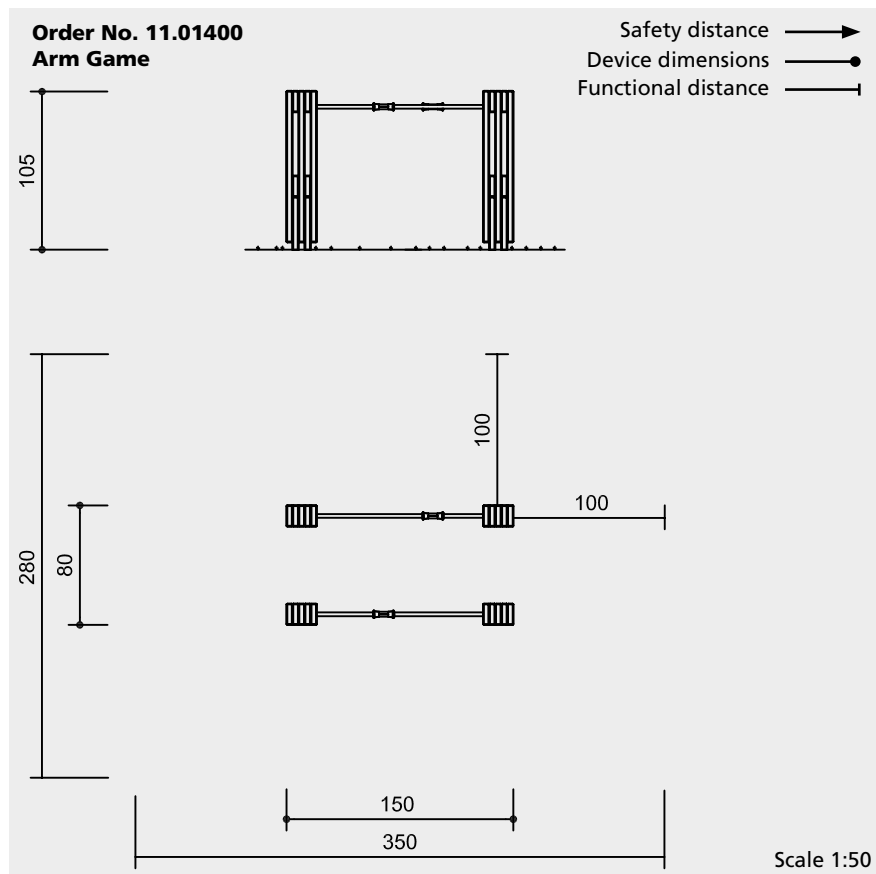
- School children
- Young people
- Adults
- Older people
- Supervised play areas such as schools, after-school programmes or similar
- Public play areas without a supervision, such as playgrounds, parks or similar



Arm Game



11.01400



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



Adjustable

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



HPL ground anchor

Foundation anchor made of phenol resin paper-based laminates



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

Sandwich construction frame, oiled, non-positive fitting

Handle bar made of stainless steel

Handles made of polyamide

Dimensions

(small deviations possible)

Height	1.05 m
Width	1.50 m
Depth	0.80 m
Weight	approx. 180 kg

Components

- 4 Support posts with foundation anchors
- 2 Handle bars with handles

Installation information

Surfacing requirements
no requirements

Foundations
2 items 60 x 120 x 40 cm
Excavation 60 cm

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

Safety

This equipment is not playground equipment within the scope of DIN EN 1176 and therefore is also not subject to the requirements of this standard. Nevertheless, it is complied with where appropriate.



11.01400

Play value

The Marbles Table can be compared to the popular „Mouse hunt“. By moving the marbles table you can drop the marbles in the holes. Skill and coordination are called for, especially if this game is being played by several people.



Marbles Table

Recommended for

- School children
- Young people
- Adults
- Older people
- Public play areas without supervision, such as playgrounds, parks or similar

Barrier-free

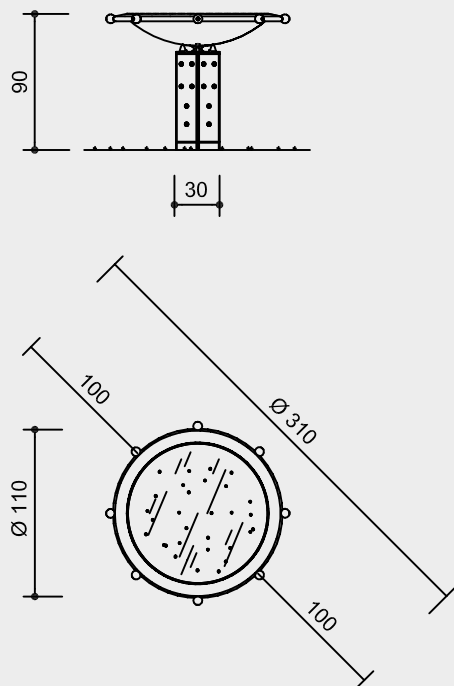
- Independent play



11.01500

Order No. 11.01500
Marbles Table

Safety distance 
 Device dimensions 
 Functional distance 



Scale 1:50

Safety check according to DIN EN 1176

Components

- 1 Marbles Table
- 1 Support post with 4 foundation anchors

Installation information

Surfacing requirements
 no requirements

Foundations
 1 item 60 x 70 x 40 cm
 Excavation depth 60 cm

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

Technical information

Equipment made of stainless steel

Core-free

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



Adjustable

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



HPL ground anchor

Foundation anchor made of phenol resin paper-based laminates



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

Sandwich construction foot, oiled, non-positive fitting

Dish made of stainless steel, glass-bead blasted

Cover made of single-pane safety glass, 10 mm

Marbles Ø 25 mm made of POM (18 pieces)

Support made of rubber buffers for controlled rocking movement incl. anti-twist protection

Handle balls made of polyamide

Dimensions

(small deviations possible)

Height	0.90 m
Diameter	1.10 m
Weight	195 kg



11.01500



Play value

The Bending Tree promotes the movement of the waist and hips. Walking around it requires that you simultaneously bend down to different heights.

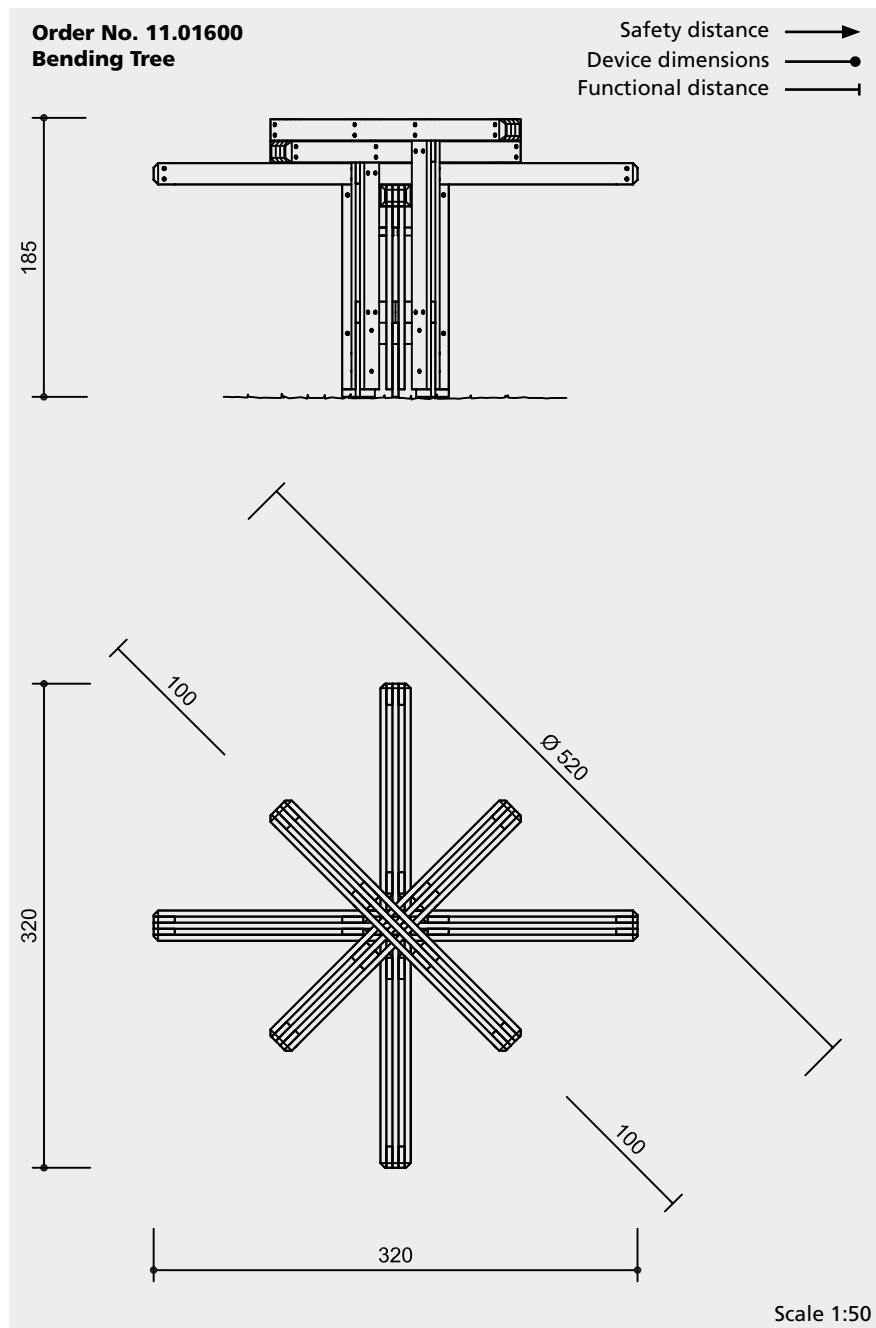


Bending Tree

Recommended for

- Adults
- Older people
- Public play areas without supervision, such as playgrounds, parks or similar





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



Adjustable

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



HPL ground anchor

Foundation anchor made of phenol resin paper-based laminates



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

Sandwich construction frame, oiled, non-positive fitting

Dimensions

(small deviations possible)

Height	1.85 m
Width	3.20 m
Depth	3.20 m
Weight	approx. 380 kg

Safety

This equipment is not playground equipment within the scope of DIN EN 1176 and therefore is also not subject to the requirements of this standard. Nevertheless, it is complied with where appropriate.

Components

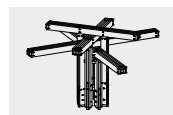
- 1 Middle section with 8 foundation anchors
- 4 Beams

Installation information

Surfacing requirements
no requirements

Foundations
1 item 120 x 120 x 40 cm
Excavation 60 cm

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



11.01600

Play value

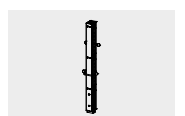
The Weight Pillar is a column for lifting and lowering weight bars at different heights. It supports the movement and strength of the arms, wrists and shoulders. The weight bar can be locked into place at differing heights.



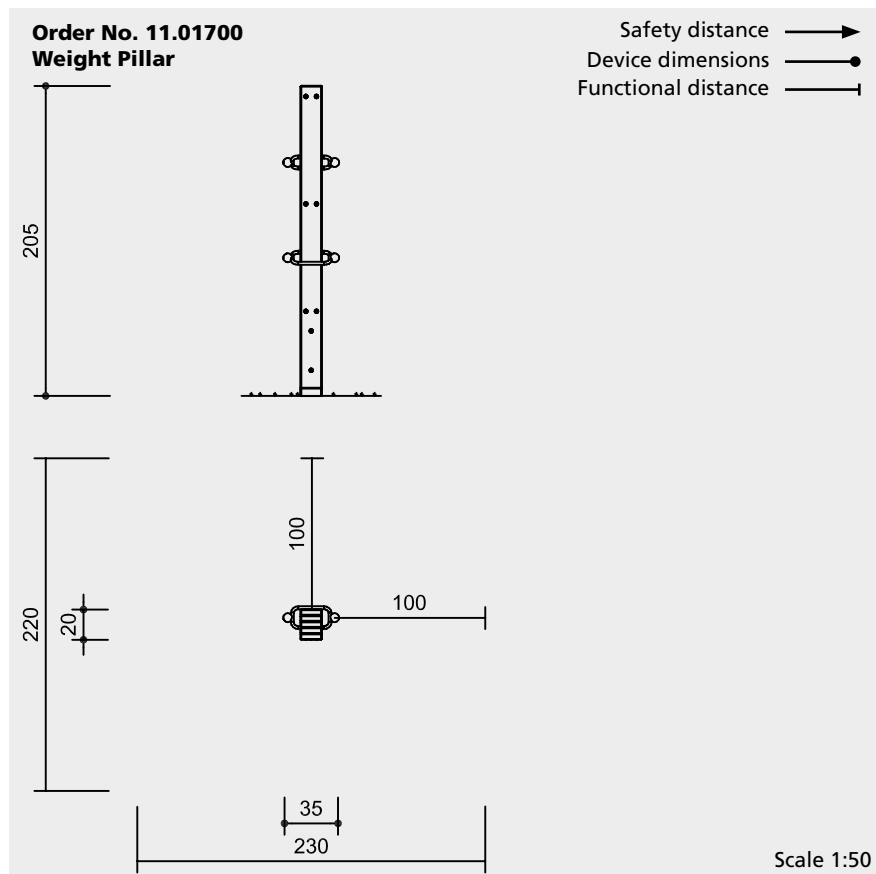
Weight Pillar

Recommended for

- School children
- Young people
- Adults
- Older people
- Public play areas without supervision, such as playgrounds, parks or similar
- Private play areas without supervision, such as camp sites or similar



11.01700



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



Adjustable

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



HPL ground anchor

Foundation anchor made of phenol resin paper-based laminates



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

Sandwich construction frame, oiled, non-positive fitting

Handles made of stainless steel

Handle balls made of polyamide

Dimensions

(small deviations possible)

Height	2.05 m
Length	0.35 m
Width	0.20 m
Width with bars	0.35 m
Weight	90 kg

Components

- 1 Weight Pillar with 2 foundation anchors

Installation information

Surfacing requirements
no requirements

Foundations
1 item 60 x 60 x 40 cm
Excavation 60 cm

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

Safety

This equipment is not playground equipment within the scope of DIN EN 1176 and therefore is also not subject to the requirements of this standard. Nevertheless, it is complied with where appropriate.



11.01700



Mobility equipment made of stainless steel

Play value

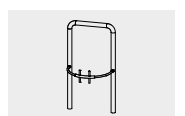
The Turning Bow provides stimulation for the arms as well as rotating movements for the hips and shoulders. You tightly hold the handles with two hands and push the moving part of the equipment from left to right and back and then vice versa. Using the equipment enables gentle physical activity.

Recommended for

- Adults
- Older people
- Public play areas without supervision, such as playgrounds, parks or similar



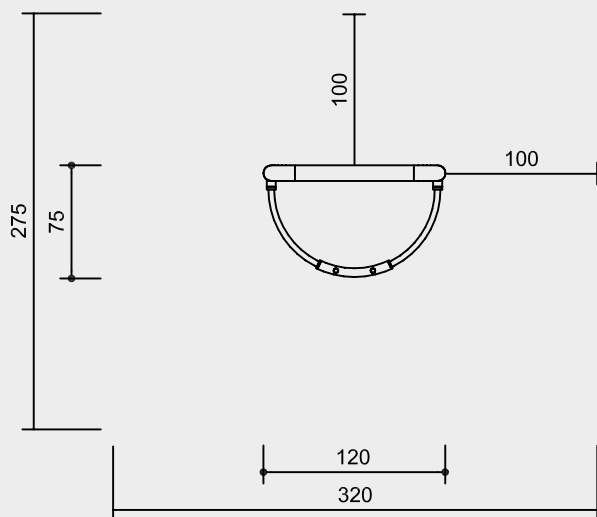
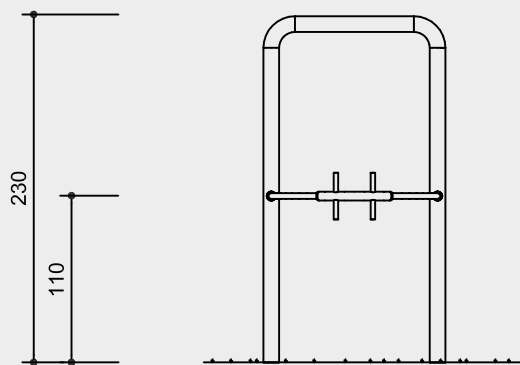
Turning Bow



11.02100

Order No. 11.02100
Turning Bow

Safety distance 
 Device dimensions 
 Functional distance 



Scale 1:50

Technical information

Equipment 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.

Tube diameter 104 mm

Handles made of polyoxymethylene (POM-C), standard colour blue

Turning bow mounted in sleeve bearings made of plastic

Dimensions

(small deviations possible)

Total height	2.30 m
Height of turning bow	1.10 m
Width	1.20 m
Depth	0.75 m
Weight	50 kg

Safety

This equipment is not playground equipment within the scope of DIN EN 1176 and therefore is also not subject to the requirements of this standard. Nevertheless, it is complied with where appropriate.

Components

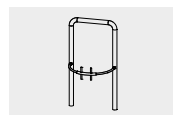
- 1 Turning Bow for dowelling

Installation information

Surfacing requirements
 no requirements

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.



11.02100

Play value

The Turning Bar supports movement of the arms and wrists. With this exercise common movements are improved. You tightly hold the turning bar with both hands and move it up and down.

Recommended for

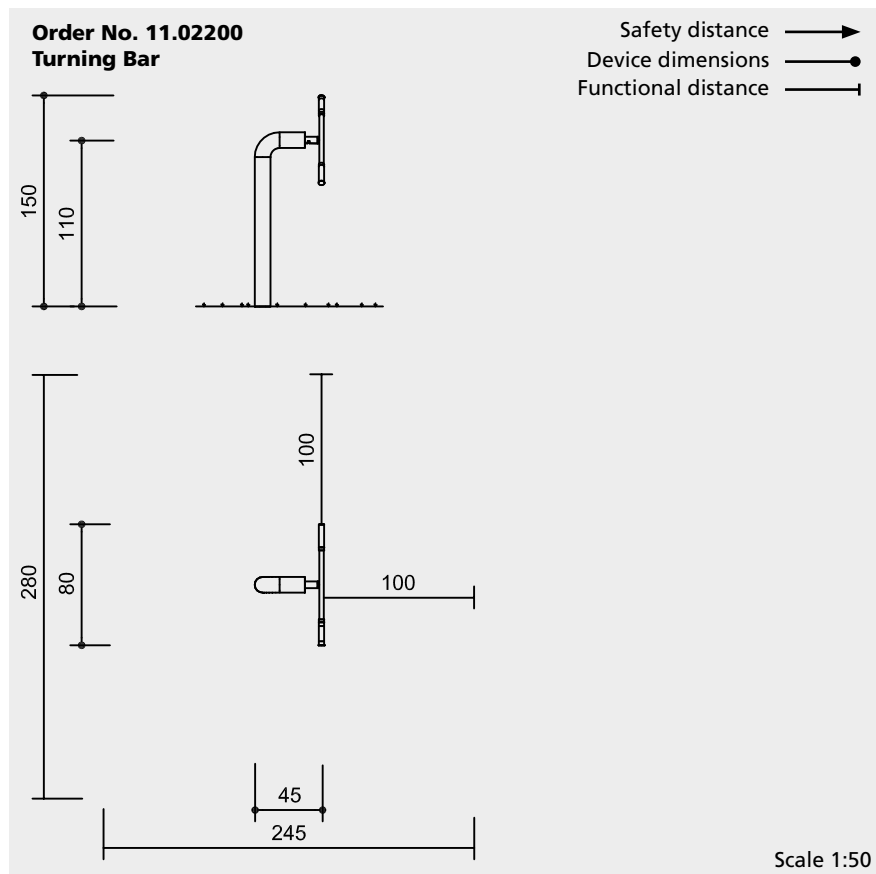
- Adults
- Older people
- Public play areas without supervision, such as playgrounds, parks or similar



Turning Bar



11.02200



Technical information

Equipment 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.

Tube diameter 104 mm

Turning bar mounted in sleeve bearings made of plastic

Handles made of polyoxymethylene (POM-C), standard colour blue

Dimensions

(small deviations possible)

Height	1.50 m
Length	0.45 m
Width	0.80 m
Weight	32 kg

Safety

This equipment is not playground equipment within the scope of DIN EN 1176 and therefore is also not subject to the requirements of this standard. Nevertheless, it is complied with where appropriate.

Components

- 1 Turning Bar for dowelling

Installation information

Surfacing requirements
no requirements

Foundations
1 item 50 x 50 x 40 cm
Excavation 60 cm

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



11.02200



Play value

The Turning Plate is a piece of equipment which stimulates the horizontal mobility of the shoulders and elbows. This exercise can be beneficial for those people who have lost mobility and who lack stability and strength in their motion sequences.

Recommended for

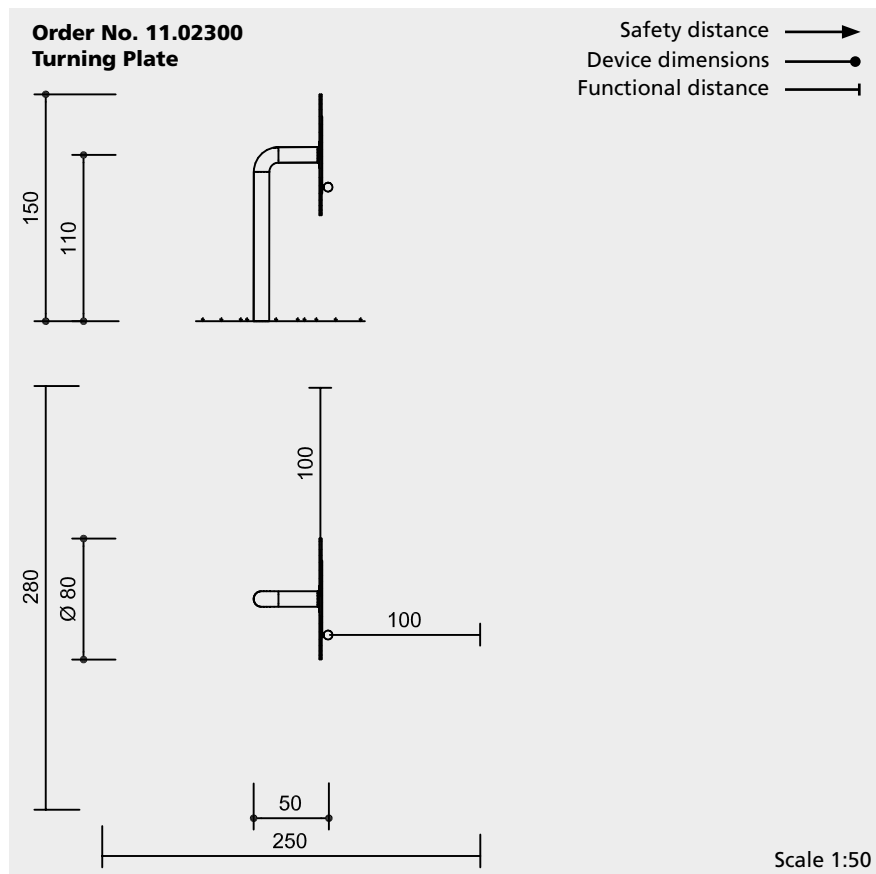
- Adults
- Older people
- Public play areas without supervision, such as playgrounds, parks or similar



Turning Plate



11.02300



Technical information

Equipment 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.

Tube diameter 104 mm

Thickness of disc 12 mm, made of natural anodised aluminium, mounted in sleeve bearings made of plastic

Ball handle made of polyoxymethylene (POM-C), standard colour blue

Dimensions

(small deviations possible)

Height	1.50 m
Length	0.50 m
Width diameter	0.80 m
Weight	30 kg

Safety

This equipment is not playground equipment within the scope of DIN EN 1176 and therefore is also not subject to the requirements of this standard. Nevertheless, it is complied with where appropriate.

Components

- 1 Turning Plate for dowelling

Installation information

Surfacing requirements
no requirements

Foundations
1 item 50 x 50 x 40 cm
Excavation 60 cm

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



11.02300



Play value

The Turning Capstan is a piece of equipment for stimulation, particularly of the hips. By taking a good grip of the handle, a smooth movement is made possible. The brain is challenged and mental and physical performances are improved.

Recommended for

- Adults
- Older people
- Public play areas without supervision, such as playgrounds, parks or similar






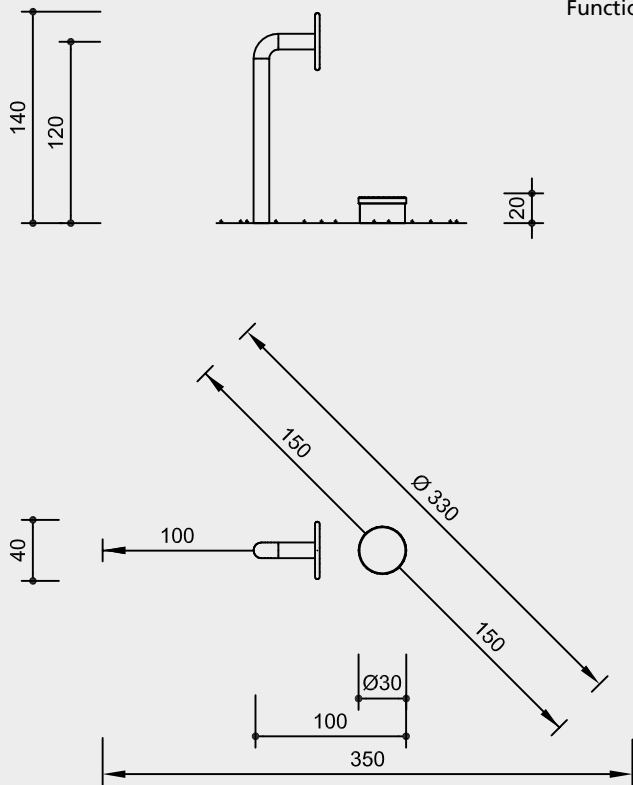
Turning Capstan



11.02400

Order No. 11.02400
Turning Capstan

Safety distance 
 Device dimensions 
 Functional distance 



Technical information

Equipment 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.

Tube diameter 104 mm,
 handle diameter 33.7 mm

Standing plate made of polyoxymethylene (POM-C), standard colour blue

Circular movement 45 ° in both directions, impact-absorbed stop

The resistance of the rotatable bollard adjusts to the user's weight

Dimensions

(small deviations possible)

Height	1.40 m
Height of rotatable bollard	0.20 m
Diameter	0.30 m
Width	0.40 m
Weight	40 kg

Components

- 1 Handle frame for dowelling
- 1 Turning Capstan for dowelling

Installation information

Surfacing requirements
 no requirements

Foundations
 1 item 50 x 50 x 40 cm
 Excavation depth 60 cm
 1 item 60 x 60 x 40 cm
 Excavation depth 60 cm

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

Safety

This equipment is not playground equipment within the scope of DIN EN 1176 and therefore is also not subject to the requirements of this standard. Nevertheless, it is complied with where appropriate.



11.02400



Play value

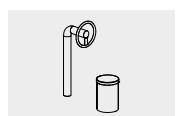
The Turning Seat is a comfortable and easy way to carry out hip mobility exercise. A good grip of the handle is easily maintained. The brain is stimulated and mental and physical performances are improved.

Recommended for

- Adults
- Older people
- Public play areas without supervision, such as playgrounds, parks or similar

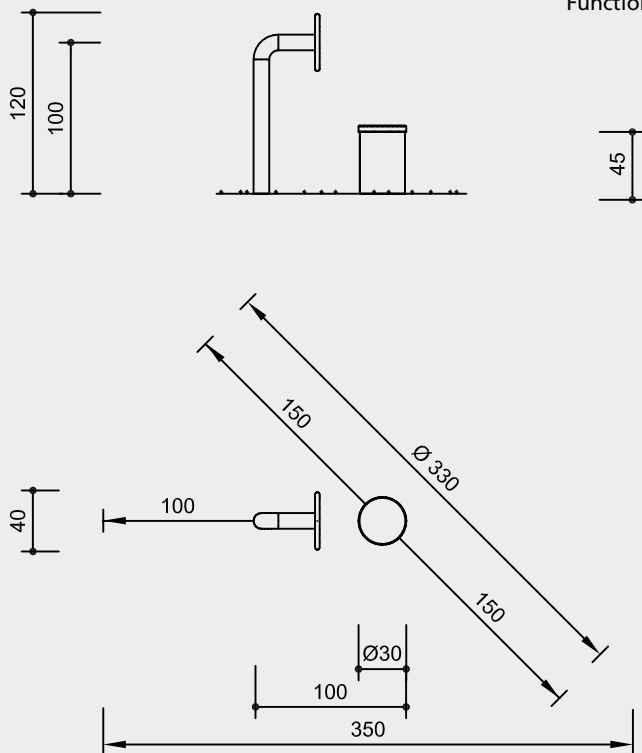


Turning Seat



Order No. 11.02500
Turning Seat

Safety distance 
Device dimensions 
Functional distance 



Scale 1:50

Technical information

Equipment 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.

Tube diameter 104 mm

Grip diameter 33.7 mm

Seat plate made of polyoxymethylene (POM-C), standard colour blue

Circular movement of rotatable seat 360 °

The resistance of the rotatable seat adjusts to the user's weight

Dimensions

(small deviations possible)

Height	1.20 m
Height of rotatable seat	0.45 m
Diameter	0.30 m
Width	0.40 m
Weight	40 kg

Safety

This equipment is not playground equipment within the scope of DIN EN 1176 and therefore is also not subject to the requirements of this standard. Nevertheless, it is complied with where appropriate.

Components

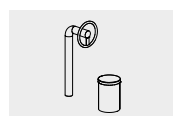
- 1 Handle frame for dowelling
- 1 Turning Seat for dowelling

Installation information

Surfacing requirements
no requirements

Foundations
1 item 50 x 50 x 40 cm
Excavation depth 60 cm
1 item 60 x 60 x 40 cm
Excavation depth 60 cm

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



11.02500

Play value

This exercise can be conducted alone or with a partner. The aim is to throw and catch a ball which is suspended on a pendulum. The equipment is installed with buffers which prevent the ball hitting the player or their training partner. This exercise trains the movement of the hands, arms and shoulders. It contributes to improving mobility, reactions and the sense of rhythm. In addition, this exercise trains coordination and the playful aspect gets people used to working together.

Recommended for

- Young people
- Adults
- Older people
- Public play areas without supervision, such as playgrounds, parks or similar

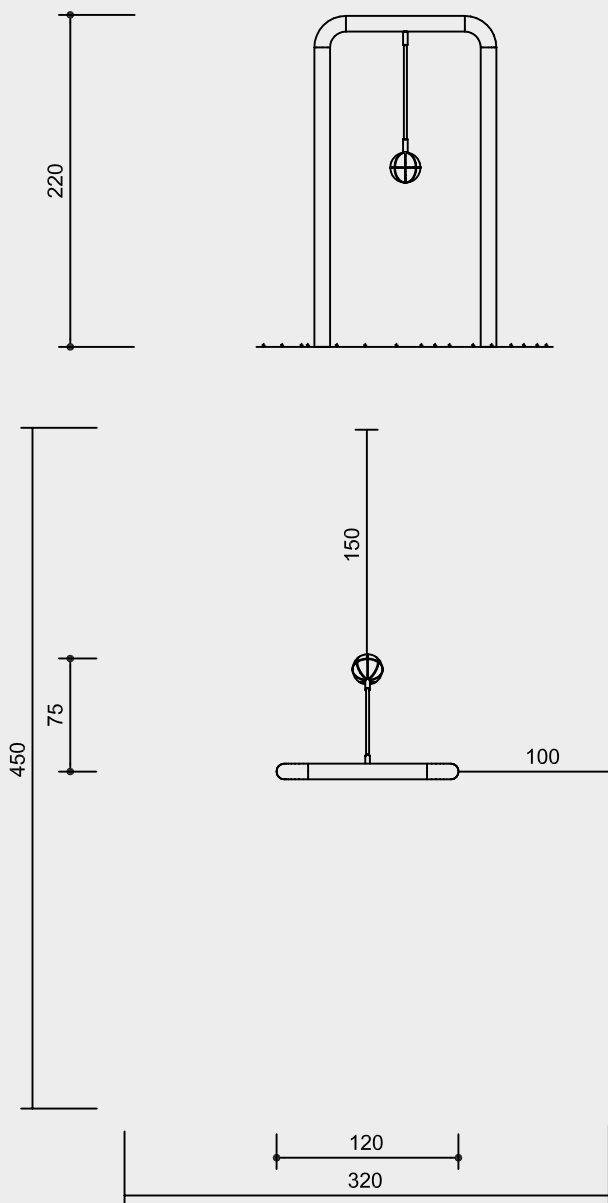


Swinging Ball suspension technically modified.

Swinging Ball



Order No. 11.02600
Swinging Ball



Technical information

Equipment made of stainless steel

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



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.

Tube diameter 104 mm

Ball, Ø 20 cm, made of thick-walled, moisture-proof rubber material, standard colour rope: blue

Dimensions

(small deviations possible)

Height	2.20 m
Width	1.20 m
Depth including oscillation to both sides	1.50 m
Weight approx.	40 kg

Safety

This equipment is not playground equipment within the scope of EN 1176 and therefore is also not subject to the requirements of this standard. Nevertheless, it is complied with where appropriate.

Components

1 Completely assembled piece of equipment for dowelling

Installation information

Surfacing
no requirements

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 installation instructions.
Technical changes reserved.



11.02600

Playground for young and old

Generationen-Aktiv-Park® - The cross-generation concept for promoting health in outdoor public areas. This is a complete concept which has been designed to be used by people of all ages. The Aktiv-Park equally unites physical, mental and social aspects. Special attention has been focused on the needs of older people.

The main focuses are:

- Promoting contact between young and old,
- Strengthening physical health,
- Improving mental health.

The park has been designed and tested by recognised experts according to the recommendations of the World Health Organisation.

Strengthening physical health

The human body has over 400 muscles. Sufficient and correct exercise keeps them healthy and effective. Muscles which are not exercised lose their effectiveness. Like decommissioned power stations they no longer need any of the fuel which is taken in as food. The result of this is an increasing tiredness of the body, continuously increasing body weight and a range of so-called lifestyle diseases. With the help of appropriate exercises the most important muscles can be strengthened. For younger people this is an important measure against the prevailing lack of exercise. Furthermore, targeted exercises lay the important foundation to preserve mobility and the quality of life for older people. Enjoyment and pleasure through exercise, preferably in a group, not only strengthens the muscles but also social communication and human relationships.

Improving agility and coordination

Even the most simple of exercises like, for example, walking, standing and gripping challenges the human body to a great degree. In complicated interactions between the senses, the brain and the muscles, millions of impulses are coordinated every second. The better this coordination works the easier everyday life becomes. Interplay between senses, brain and muscles can be positively influenced irrespective of age. With increasing age it is of critical importance to maintain agility and coordination. The challenging nature of the exercise as well as the fun and the enjoyment of trying out and practising together have equally important significance. In order to comprehensively increase agility the coordination between the eyes, ears, arms and legs need to be promoted to equal degrees.

Improving cognition and memory performance

“A healthy soul in a healthy body”, the ancient Romans were already aware of it. That’s why the brain and, equally, also the body need to be challenged in order to remain healthy and strong. Even the effort which is needed to carry out complicated processes in the human brain can be reduced by repeated targeted exercises. The result of this is that even difficult everyday tasks can be carried out more easily. Versatile demands and challenges of all the human brain’s skills lay the key building blocks for mental health.

Practising everyday challenges

Exercises to improve overall well-being and to increase the quality of life have to be orientated towards daily life. For many people seemingly easy to carry out tasks become almost insurmountable challenges. These include walking long distances and climbing stairs. At the stations, which relate to everyday tasks, children and infants can explore and learn their boundaries in a playful way. Older people have the opportunity to improve their everyday-relevant agility within a safe environment. At the same time the heart and the circulatory system are being trained and stamina is improved.

You will find an example of a course on page 40.

Information about the term “cross-generation”

The term “**cross-generation**” isn’t anything new or special but is rather a matter of course for all those people whose work involves shaping policy in society.

It is important to avoid creating ghettos and important to make it clear that there are dangers in seeking simple solutions for one dimensional aspects only.

Everything separate has the hidden disadvantage of being an isolated action, the special/extra is often a reaction to previous failures. Togetherness has to be our goal right from the start of our actions and should not suffer any of the disadvantages of having to compromise due to having to alter things afterwards. Cooperation is of great value and must be encouraged.

When a term like “**cross-generation**” first comes into being, then it is particularly important to develop a common consciousness about what is meant by it.

Does it mean:

- Something for every age group?
- And/or that there are articles for the elder and yet more elderly people for physical and mental training?
- So that when the question “who plays/who plays with whom” is examined, then it is important to look at which age group is meant:
 - Small children/children with parents?
 - Small children/children with grandparents?
 - Parents/with grandparents?
 - Or the individual age groups separately?

Is being together to be understood as

- being at the same place
- and/or at the same time or
- really to play/react with each other: interact with each other at the same place and time and act as an inspiration to each other to have fun and enjoyment?

It is difficult to find play equipment suitable for real cross-generational interaction. Naturally, the principle that the common space should be a place of well-being also applies here. It is only then that it can be about finding objects which make such enjoyable cooperation a possibility.

Above all public spaces are shared spaces. Their main focus should be equipment for

- Children
 - Parents
 - Senior citizens
- and offers for common use.

The aim has to be that people feel comfortable together and gain enjoyment from each other’s closeness and common usage. By closeness also the spatial closeness is meant. When defining cooperation of use what is above all to note is that

- Children can use the public space to play in,
- Adults can behave in a very functionally orientated way in the public space,
- A particular emphasis is put on making sure that the designed area enables and promotes playing together.

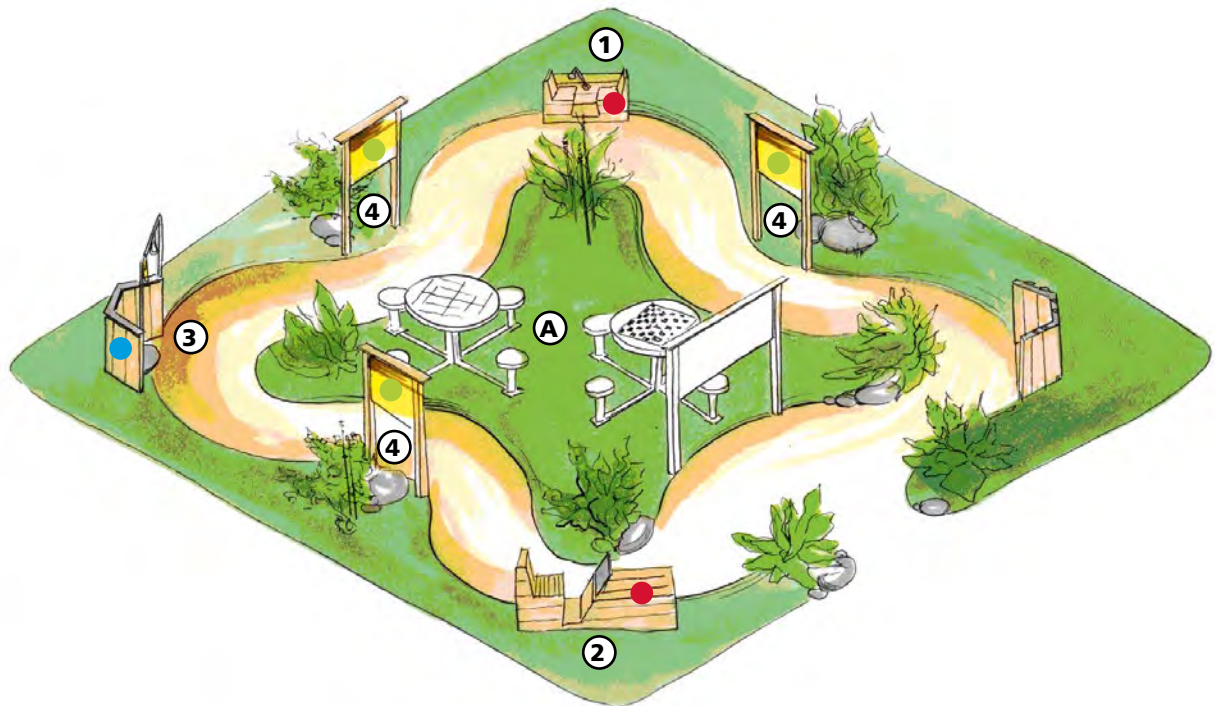
The term “**cross-generation**” is also often used when we want to take the senior citizen group into consideration.

We define four main motivations for senior citizen activities:

- Keeping the senses active,
- Keeping physical fitness/mobility,
- Dealing with mental and/or physical limitations,
- Adopting a therapeutic approach.

Order No. 11.50000
Basic Concept

The **Basic Concept** includes the essential contents of the **Generationen-Aktiv-Park® overall concept**. The most important muscle groups (legs and upper body) can be kept fit at two stations in a small space. Two pieces of coordination equipment improve agility and three stations serve to promote thought and memory performance. This concept, with seven pieces of equipment, is the easiest way to effectively promote health within a limited space and with low costs. Furthermore, it is the basis for the following concepts.



Stations to improve physical health

1. Rowing machine
2. Leg press

Equipment to improve agility and coordination

3. Street car

Equipment to improve thought and memory performance

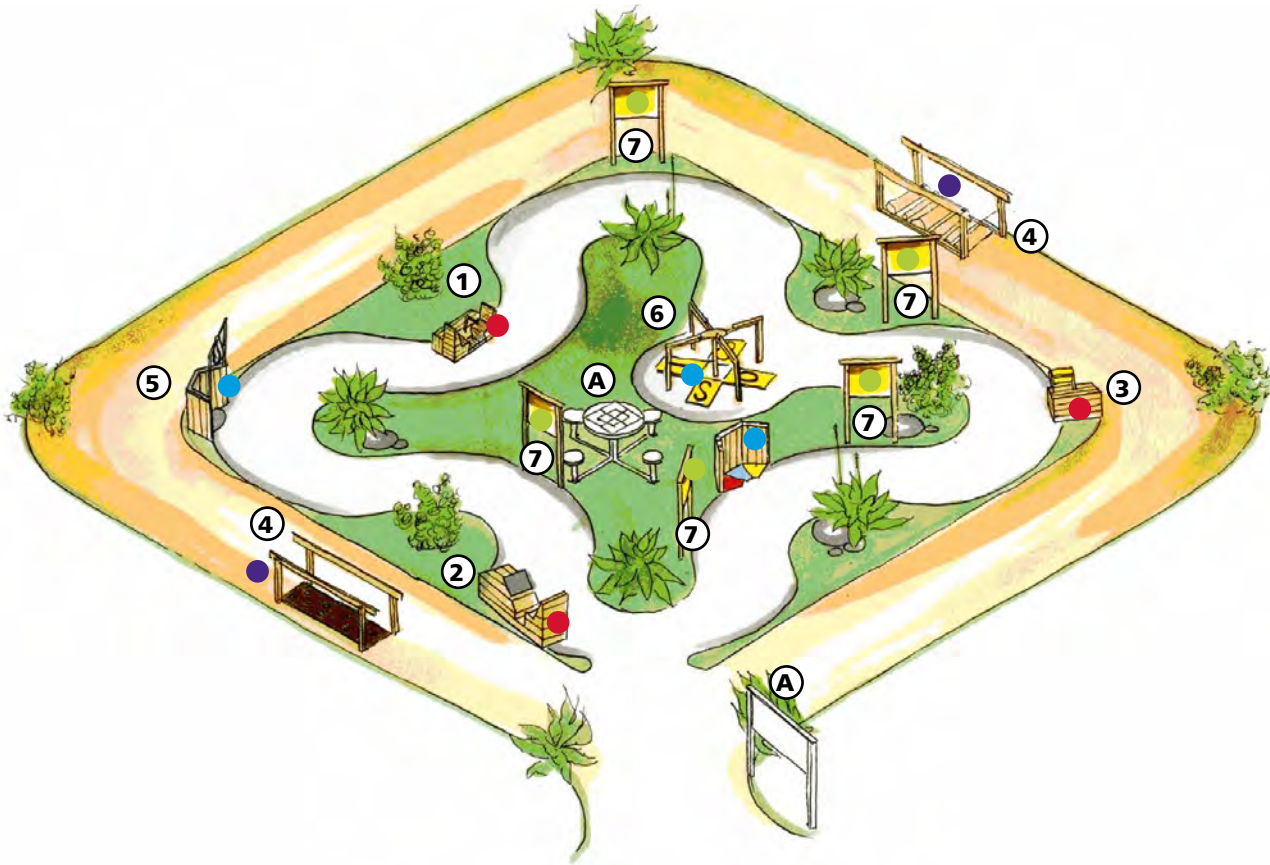
4. 3 Stations for training the mind
 incl. for each 4 seasons boards to exchange

Upgradable equipment as meeting point and place for communication and for relaxation

- A Information board
 Chess and Nine Men's Morris table
not included in delivery!

Order No. 11.51000
BasicPlus Concept

The **BasicPlus Concept** includes all areas for comprehensive health promotion following the **Generationen-Aktiv-Park®** concept. Physical activity is encouraged by the six exercises which strengthen the muscles and improve agility. Five stations promote all the capabilities of the brain and the Life Path, with two stations, supports skills relevant for everyday life. **BasicPlus** is a concept with thirteen pieces of equipment for versatile fitness and to improve the quality of life for young and old.



Stations to improve physical health

1. Rowing machine
2. Leg press
3. Stomach and back trainer

Stations to practice everyday situations

4. Life Path with 2 walking and balancing stations

Equipment to improve agility and coordination

5. Street Car
6. Ball game

Equipment to improve cognition and memory performance

7. 5 Stations for training the mind
with for each 4 seasons boards to exchange

Upgradable equipment as meeting point and place for communication and for relaxation

- A Information board
 Chess and Nine Men's Morris table
not included in delivery!

Order No. 11.52000
Premium Concept

The **Premium Concept** connects all areas and offers numerous exercise elements for comprehensive promotion of health according to the **Generationen-Aktiv-Park®** concept.

A total of nineteen stations contribute to the physical, mental and spiritual well-being of the park visitors. The various tasks and challenges offer a great degree of variety and versatile fitness for young and old. The **Premium Concept** sets the standard for cross-generational exercise promotion in public areas.



Stations to improve physical health

1. Rowing machine
2. Leg press
3. Stomach and back trainer
4. Boxing bike

Stations to practice everyday situations

5. Life Path with 6 walking and balancing stations

Equipment to improve agility and coordination

6. Street car
7. Ball game
8. Balancing path

Equipment to improve thought and memory performance

9. 5 stations for training the mind
with for each 4 seasons boards to exchange

Upgradable equipment as meeting point and place for communication and for relaxation

- A Information board
 chess and Nine Men's Morris table
 benches
 bicycle stands
not included in delivery!



Example of a course
Place of installation: Vienna

Play value

People are all different. Whether they're old or young, trained or untrained our intelligent, yet also simple system „thinks“ with you. The resistance automatically adjusts itself to the level of strength of the person exercising. Simply sit down, put your feet up and off you go. Easy to read exercise instructions aid optimal usage.



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Design Moser Spielgeräte GmbH

Recommended for

- School children
- Young people
- Adults
- Older people
- Public play areas without supervision, such as playgrounds, parks or similar

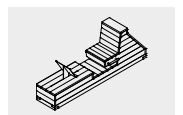
Effect

The leg press serves to improve the strength in the largest and most important leg and gluteal muscles. At the same time good bone condition is promoted.

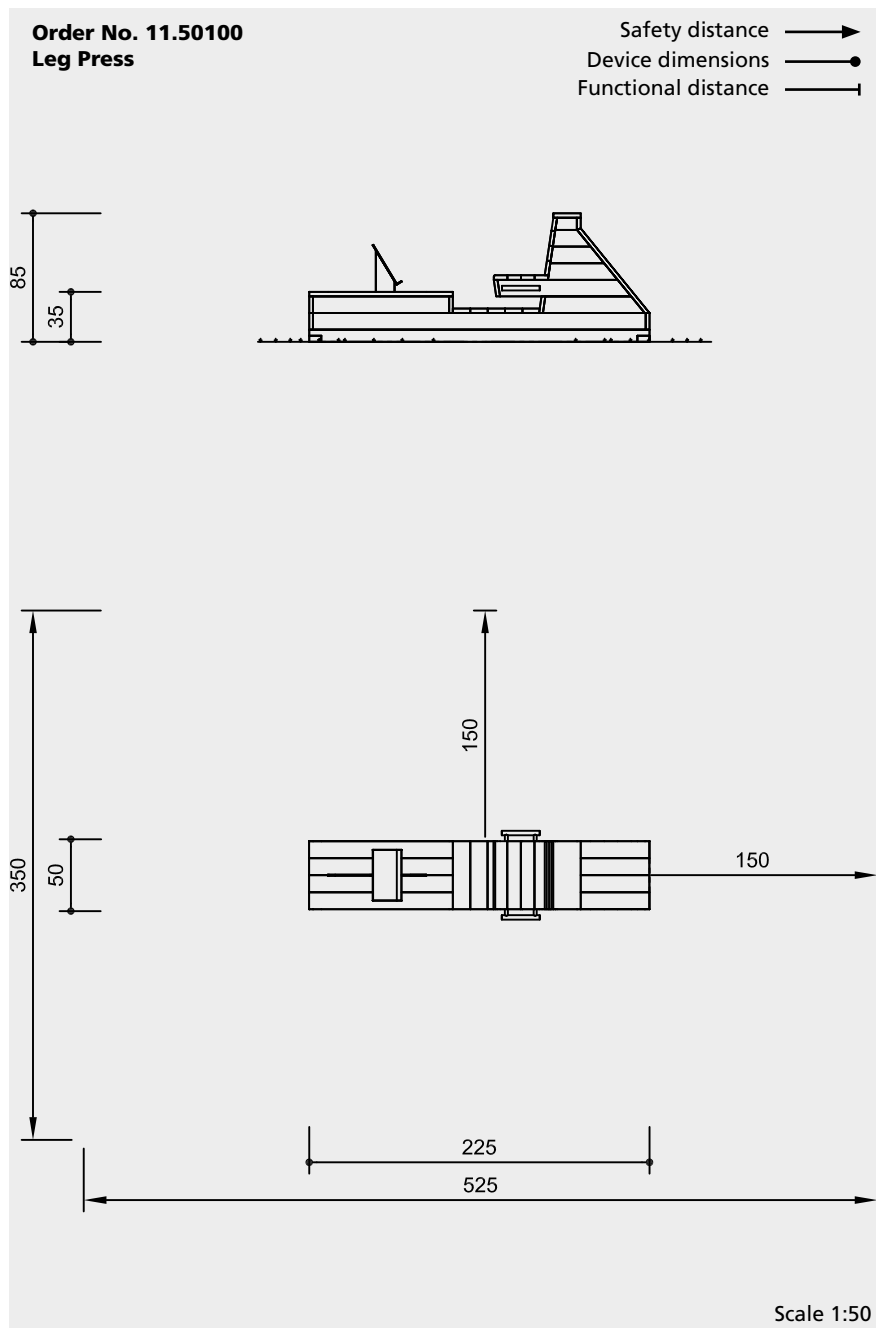
Purpose

From our first steps onwards our legs carry us through life. That's why healthy legs are essential for independence and mobility. Our muscles serve thereby as the motor. Just simply stretching and bending the legs with a light load keeps this motor going and gets it up to speed. Not only do the muscles react positively to this but also the bones become more robust and resilient.

Leg Press



11.50100



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



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.

Hot dip galvanised substructure

Handles made of stainless steel

Support panel for footrest hot dip galvanised, painted in various colours, standard colour yellow

Footrest made of solid coloured polyethylene (PE)

Dimensions

(small deviations possible)

Height	0.85 m
Length	2.25 m
Width	0.50 m
Weight	210 kg

Safety

This equipment is not playground equipment within the scope of DIN EN 1176 and therefore is also not subject to the requirements of this standard. Nevertheless, it is complied with where appropriate.

Components

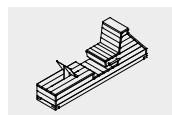
- 1 Leg Press with explanation board
- 2 Heavy duty bolts

Installation information

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

Foundations
1 item 140 x 40 x 35 cm
Excavation depth 35 cm

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



11.50100

Play value

Whether juniors, seniors or professionals, our intelligent yet also simple system „thinks“ with you. As opposed to rowing in water the resistance automatically adjusts to the level of strength of the training person. Those exercising can row either in the direction with or against the „course“. In this way, in addition to the arm and shoulder muscles also the stomach and back muscles are similarly used. Easy to read exercise instructions aid optimal usage.



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Design Moser Spielgeräte GmbH

Recommended for

- School children
- Young people
- Adults
- Older people
- Public play areas without supervision, such as playgrounds, parks or similar

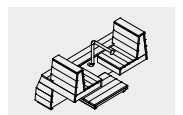
Effect

Strengthening of the arms, shoulders, chest and trunk musculature. The most important muscles of the whole upper body are activated and trained. Bone formation is stimulated positively.

Purpose




Lifting, carrying, pushing and pulling are everyday movements. These movements would be impossible without the strength of our hands, arms, and shoulders. However, one-sided stress too often leads to problems and disorders. The rowing movement is ideally suited for strengthening the associated muscles comfortably and efficiently. Weakened muscles are once again strengthened and muscular imbalance is counteracted.

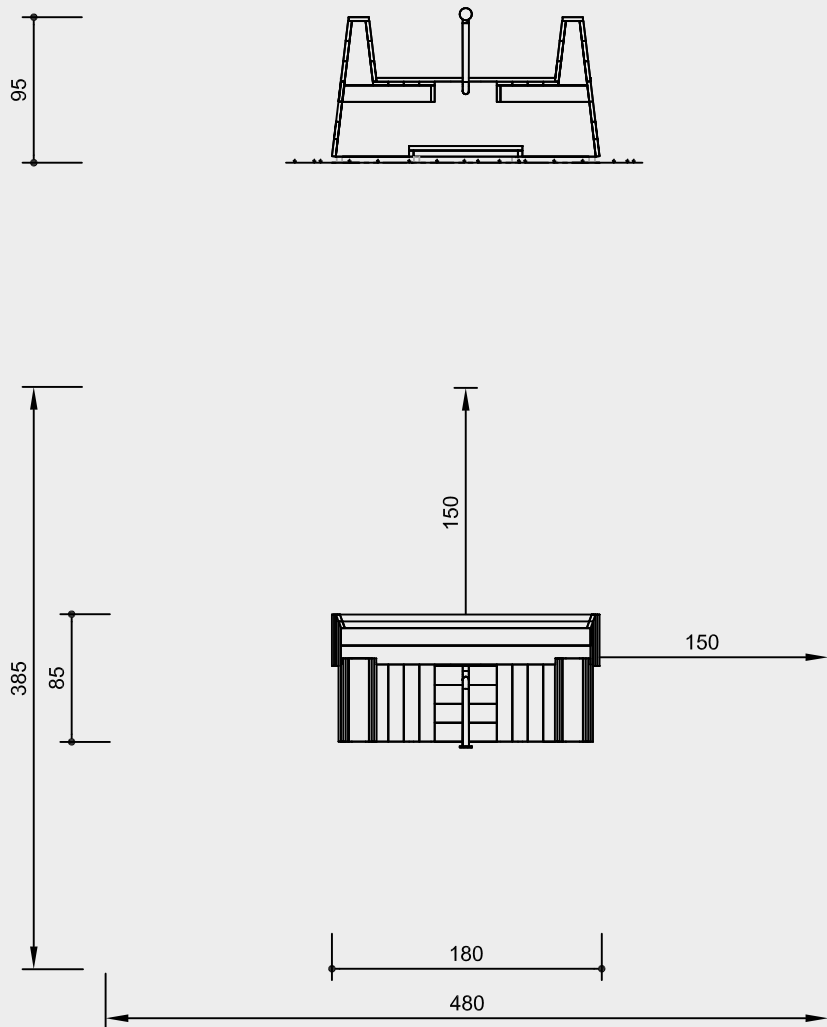
Rowing Machine



11.50101

Order No. 11.50101
Rowing Machine

Safety distance 
Device dimensions 
Functional distance 



Scale 1:50

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



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.

Hot dip galvanised substructure

Handle bar made of stainless steel

Dimensions

(small deviations possible)

Height	0.95 m
Length	1.80 m
Width	0.85 m
Weight	150 kg

Safety

This equipment is not playground equipment within the scope of DIN EN 1176 and therefore is also not subject to the requirements of this standard. Nevertheless, it is complied with where appropriate.

Components

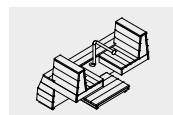
- 1 Rowing Machine with explanation board
- 2 Heavy duty bolts

Installation information

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

Foundations
1 item 170 x 80 x 35 cm
Excavation depth 35 cm

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



11.50101

Play value

It doesn't matter who sits on the Boxing Bike, our intelligent yet also simple system „thinks“ with you. The resistance for arms and legs automatically adjusts itself to the level of strength of the persons training. The fixed seating height is suitable for small and large people. Easy to read exercise instructions aid optimal usage.



Special version



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Design Moser Spielgeräte GmbH

Recommended for

- School children
- Young people
- Adults
- Older people
- Public play areas without supervision, such as playgrounds, parks or similar

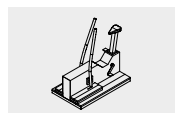
Effect

The Boxing Bike improves the strength and endurance of the whole body. The arm, leg and trunk musculature are exercised at the same time. Strength, endurance and coordination are maintained to equal degrees. The effect is an overall activation of the entire organism.

Purpose




You don't get very far just with strength alone. In everyday life stamina is just as important. Leg and arm coordination is also essential. Walking for a long time or climbing up to the third floor carrying the shopping requires strength, stamina and agility. In the process the muscles, heart and circulation all have to perform together; the arms and legs need to cooperate. Bike riding, which requires all these elements at the same time, is therefore optimal for health.

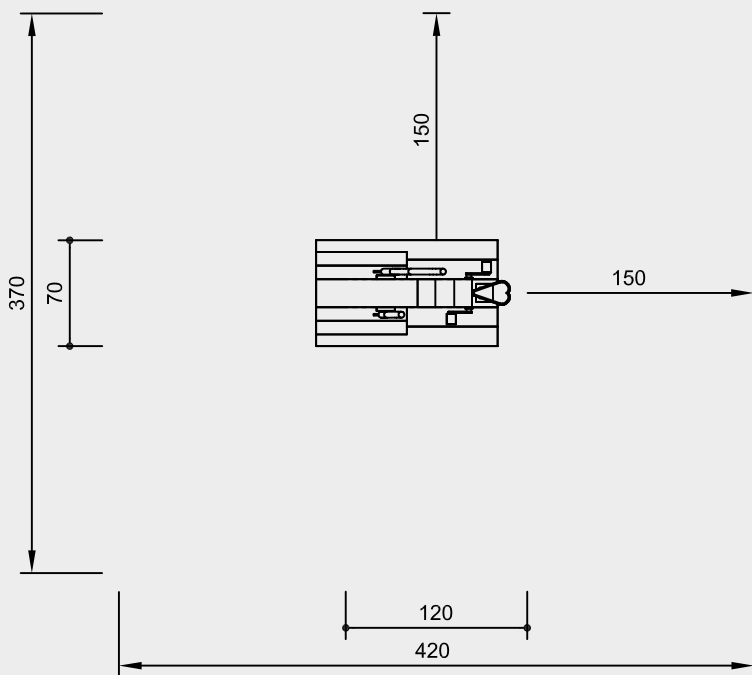
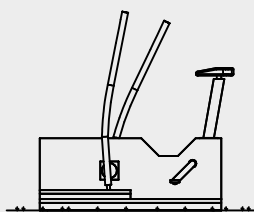
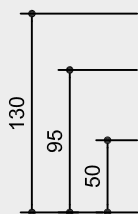
Boxing Bike



11.50102

Order No. 11.50102
Boxing Bike

Safety distance 
Device dimensions 
Functional distance 



Scale 1:50

Safety check according to DIN EN 1176

Components

- 1 Boxing Bike with explanation board
- 2 Heavy duty bolts

Installation information

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

Foundations
1 item 116 x 66 x 35 cm
Excavation depth 35 cm

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

Technical information

Equipment made of stainless steel

Core-free

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



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.

Hot dip galvanised substructure

Bars made of stainless steel

Handles made of oak

Saddle made of leather

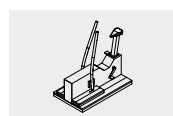
Dimensions

(small deviations possible)

Height	1.30 m
Length	1.20 m
Width	0.70 m
Weight	125 kg

Safety

This equipment is not playground equipment within the scope of DIN EN 1176 and therefore is also not subject to the requirements of this standard. Nevertheless, it is complied with where appropriate.



11.50102

Play value

A gentle resistance promotes the back musculature and supports the stomach muscles at the same time. This principle follows the scientific finding that both muscle groups need to be exercised in different ways. Exercised but not over-exercised is the principle. The exercise is carried out in a comfortable sitting position. Easy to read exercise instructions aid optimal usage.



Recommended for

- School children
- Young people
- Adults
- Older people
- Public play areas without supervision, such as playgrounds, parks or similar

Effect

The Stomach and Back Trainer improves the trunk musculature. On the one hand, a healthy balance between both the muscle groups is established. And on the other hand, strength levels are increased by the targeted activities.

Purpose

Too much sitting and not enough exercise are the main causes of back pain. But what can be done about this lifestyle disease? The best protection against this problem is a well-developed trunk musculature. To achieve this, stomach and back muscles need to be uniformly exercised and trained in a targeted way. The best way is to exercise before any pain starts. However, even if pain exists exercise is often the best medicine.

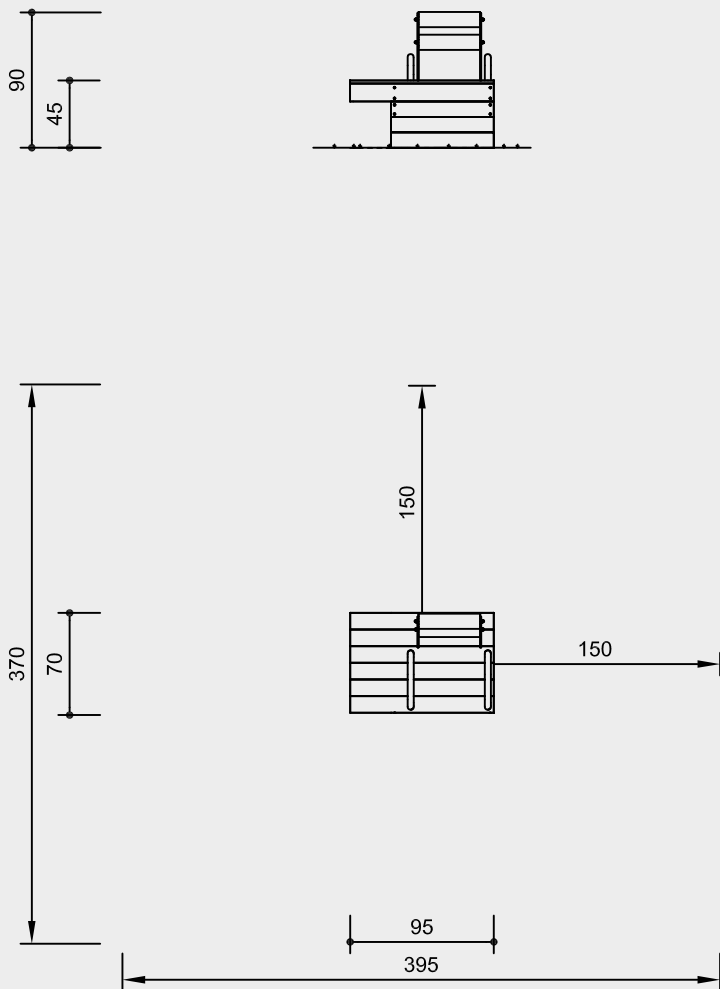
Stomach and Back Trainer



11.50103

Order No. 11.50103
Stomach and Back Trainer

Safety distance 
 Device dimensions 
 Functional distance 



Scale 1:50

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



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.

Hot dip galvanised substructure

Grips and back rest made of stainless steel

Cushion made of EPDM, standard colour yellow

Dimensions

(small deviations possible)

Height	0.90 m
Length	0.95 m
Width	0.65 m
Weight	105 kg

Safety

This equipment is not playground equipment within the scope of DIN EN 1176 and therefore is also not subject to the requirements of this standard. Nevertheless, it is complied with where appropriate.

Components

- 1 Stomach and Back Trainer with explanation board
- 2 Heavy duty bolts

Installation information

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

Foundations
 1 item 60 x 50 x 35 cm
 Excavation depth 35 cm

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



11.50103



Play value

Standing on one leg improves the sense of balance and strengthens the musculature. Moving the ball in its track also simultaneously trains the coordination and the interplay between the eye and leg. For children as well as adults this is a difficult but at the same time entertaining task. Easy to read exercise instructions aid optimal usage.

Recommended for

- School children
- Young people
- Adults
- Older people
- Public play areas without supervision, such as playgrounds, parks or similar

Effect

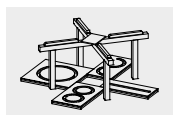
The Ball Game promotes balance and improves the coordination between the eye and leg. At the same time the leg musculature is strengthened and mobility is improved.



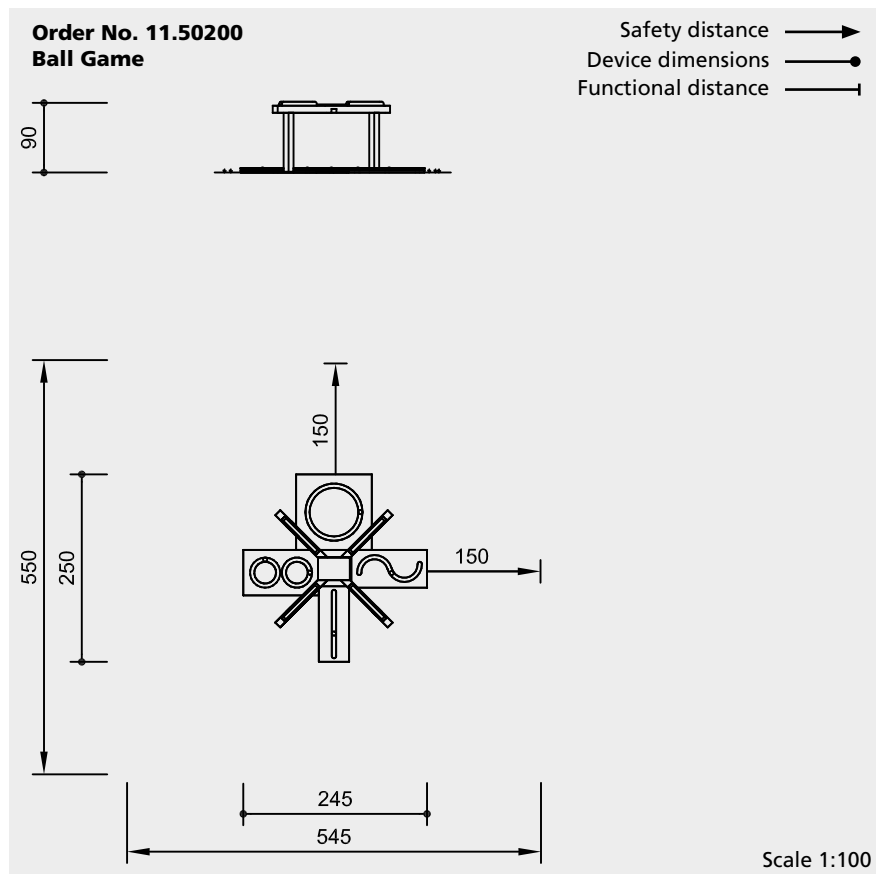
Purpose

It is important to be able to stand safely on one leg. This skill helps to prevent falls and avoid serious injuries. However practising standing on one leg is often difficult and no fun at all. That is, unless an exciting and entertaining task is set up. It is best to train in a group.

Ball Game



11.50200



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



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.

Substructure made of stainless steel brackets

Support panel for balls made of solid coloured polyethylene (PE) standard colour yellow

Balls made of hard plastic

Dimensions

(small deviations possible)

Height	0.90 m
Length	2.45 m
Width	2.50 m
Weight	145 kg

Components

- 1 Ball Game with 4 ball boards and explanation board
- 1 Handrail
- 4 Steel feet

Installation information

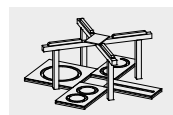
Surfacing requirements corresponding to a fall height of ≤ 0.60 m (please refer to price list for more detailed information)

- Foundations
each 1 item
98 x 100 x 15 cm
58 x 98 x 15 cm
48 x 98 x 15 cm
38 x 98 x 15 cm
Excavation each 15 cm
Excavation for handrail
4 x 35 x 35 x 25 cm
Excavation depth each 45 cm

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

Safety

This equipment is not playground equipment within the scope of DIN EN 1176 and therefore is also not subject to the requirements of this standard. Nevertheless, it is complied with where appropriate.



11.50200

Play value

A wobbly disc needs to be held in balance. The degree of difficulty can be selected individually. With or without holding on with the hands, with open or closed eyes, it is up to the person exercising to choose. The exercise is an entertaining challenge for young or old. Easy to read exercise instructions aid optimal usage.

Recommended for

- School children
- Young people
- Adults
- Older people
- Public play areas without supervision, such as playgrounds, parks or similar

Effect

The Street Car promotes balance. The change from being balanced to being unbalanced improves the coordination of the legs, the eyes and the sense of balance in an everyday-like situation.



Purpose




It's not difficult to stand with both legs on the ground. But if the ground starts moving it's no longer that easy. It is quite difficult to keep your balance in a moving bus, in a street car or in the train. The body goes through a learning process by consciously experiencing and feeling moments where balance is lost. It is only through exercise in a secure environment that the necessary stability can be gained.

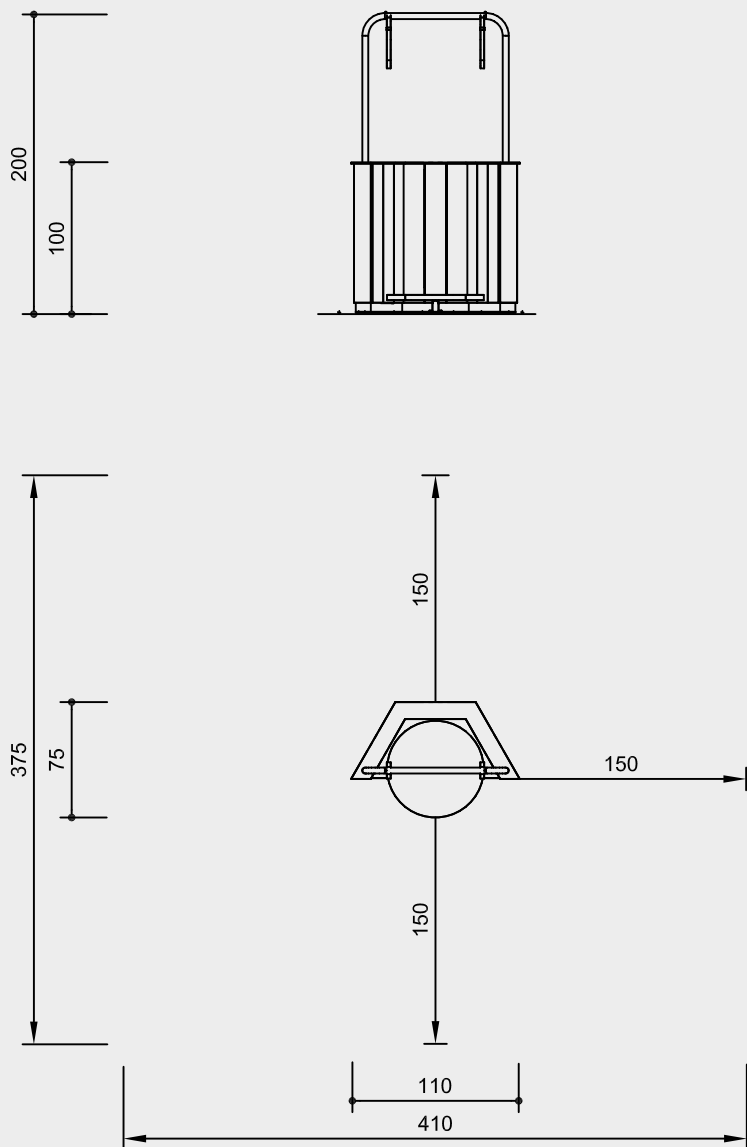
Street Car



11.50202

Order No. 11.50202
Street Car

Safety distance 
Device dimensions 
Functional distance 



Scale 1:50

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



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.

Hot dip galvanised substructure

Grip bar made of stainless steel

Handle straps made of plastic

Wobbling dish made of hot dip galvanised textured metal, painted in various colours, standard colour yellow

Dimensions

(small deviations possible)

Height	2.00 m
Length	1.10 m
Width	0.75 m
Weight approx.	125 kg

Safety

This equipment is not playground equipment within the scope of DIN EN 1176 and therefore is also not subject to the requirements of this standard. Nevertheless, it is complied with where appropriate.

Components

- 1 Street Car with explanation board
- 2 Heavy duty bolts

Installation information

Surfacing requirements corresponding to a fall height of ≤ 2.00 m (please refer to price list for more detailed information)

Foundations
1 item 105 x 50 x 35 cm
Excavation depth 35 cm

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



11.50202

Play value

Walking over narrow bars and posts promotes the sense of balance. The low height takes away the fear of making a wrong step. The soft ground surfacing and the handrails on either side ensure the greatest safety and minimises the danger of injury. Easy to read exercise instructions aid optimal usage for young and old.



Recommended for

- School children
- Young people
- Adults
- Older people
- Public play areas without supervision, such as playgrounds, parks or similar

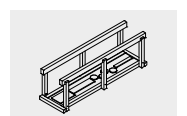
Effect

The Balancing Path promotes balance and safety when walking. Balancing improves the interplay between the legs and the balancing system.

Purpose




Standing means staying in balance. When you walk you have to leave this status. So as not to fall over this imbalance needs to be mastered. Safe and fall-free movement can therefore be improved by suitable and controlled training. Thus, it is important to exercise in a secure environment as well as to solve tasks of various difficulties.

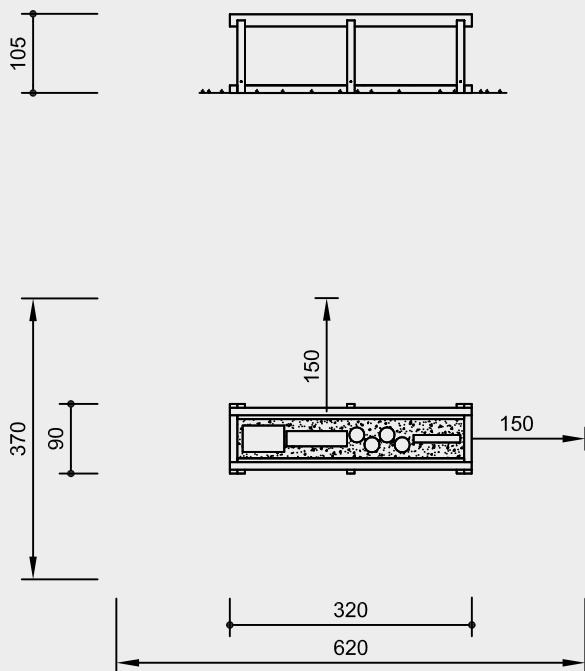
Balancing Path



11.50203

Order No. 11.50203
Balancing Path

Safety distance 
 Device dimensions 
 Functional distance 



Scale 1:100

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



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	1.05 m
Length	3.20 m
Width	0.90 m
Weight	155 kg

Safety

This equipment is not playground equipment within the scope of DIN EN 1176 and therefore is also not subject to the requirements of this standard. Nevertheless, it is complied with where appropriate.

Components

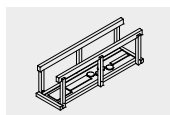
- 1 Balancing path with permanently attached balancing element (to be filled with e.g. wood chips on site)
- 4 Steel feet

Installation information

Surfacing requirements
 no requirements
 recommended:
 wood chips, granular material or the like

Foundations
 4 items 40 x 40 x 35 cm
 Excavation depth 55 cm

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



11.50203

Play value

Stations to increase the powers of concentration, cognition, memory, word finding and perception promote the "grey cells". A range of exercises with different degrees of difficulty offer a challenge for young and old. The corresponding answers can be found on the back of each station.



Order No. 11.50300 Training the Mind



Order No. 11.50301 Information Board



Order No. 11.50300 Training the Mind

Recommended for

- School children
- Young people
- Adults
- Older people
- Public play areas without supervision, such as playgrounds, parks or similar

Effect

The stations for training the mind improve learning, thought and memory performance. The exercises result in a comprehensive promotion of a range of skills of the human brain.

Purpose

The brain is our most important organ. In order for it to remain efficient it needs regular external influences. Just like our muscles, our brains need to be stimulated in order for them to keep working properly. However, this stimulation needs to be varied and balanced. That's why it is important to equally challenge all the five abilities of our brain.

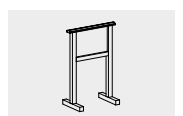
Training the Mind Information Board



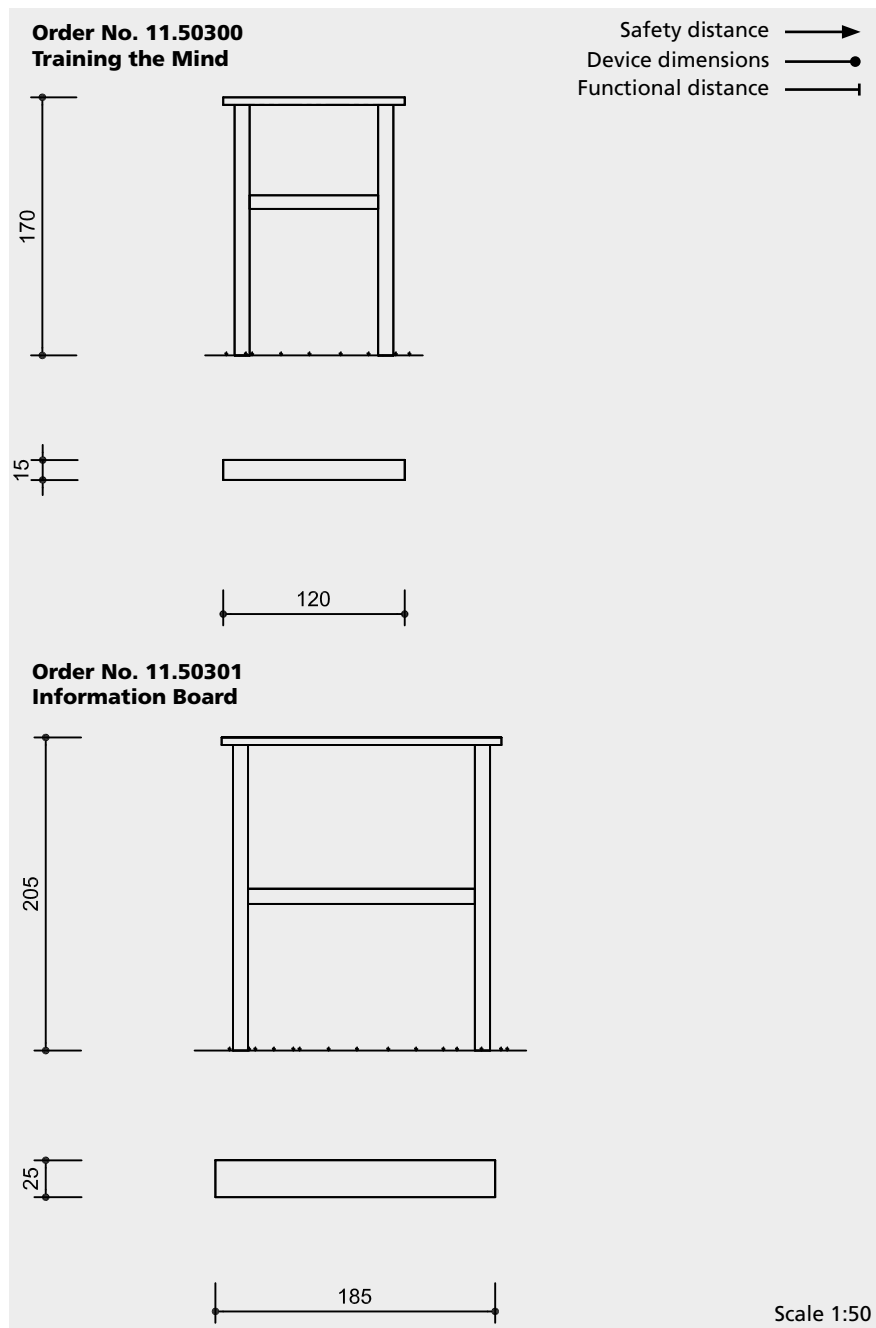
11.50300



11.50301



11.50302



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



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.

Board with protective film

Dimensions

(small deviations possible)

Order No. 11.50300 / 11.50302
Training the Mind

Height	1.70 m
Length	1.20 m
Width	0.15 / 0.75 m
Weight	40 kg

Order No. 11.50301
Information Board

Height	2.05 m
Length	1.85 m
Width	0.25 m
Weight	25 kg

Safety

This equipment is not playground equipment within the scope of DIN EN 1176 and therefore is also not subject to the requirements of this standard. Nevertheless, it is complied with where appropriate.

Components

Order No. 11.50300
Training the Mind

- 1 Frame for in-situ concrete
- 2 Steel feet
- 4 Seasons boards to exchange

Order No. 11.50301
Information Board

- 1 Frame
- 2 Steel feet

Order No. 11.50302
Training the Mind

- 1 Frame for bolt-on version
- 4 Seasons boards to exchange

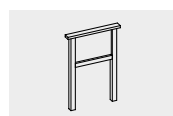
Installation information

Surfacing requirements
no requirements

Foundations
2 items 30 x 30 x 20 cm
Excavation depth 40 cm

Order No. 11.50302
Training the Mind
for bolt-on version

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



11.50300



11.50301



11.50302

Play value

The stations, based on real-life situations, invite you to try them out and exercise. Alongside agility, stamina is also trained in this circuit course. The path is set up so that not all the obstacles need to be overcome and so that an accompanying person can give best possible help. Handrails on both sides at every station additionally ensure the highest safety.



Recommended for

- School children
- Young people
- Adults
- Older people
- Public play areas without supervision, such as playgrounds, parks or similar

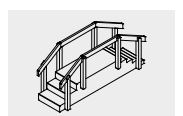
Effect

Climbing stairs promotes stamina and mobility. Everyday challenges can be practiced in the form of various exercises. Safety in daily life is thereby improved and mobility increased.

Purpose

Everyday life can often contain hazards. Climbing stairs, descending stairs, stepping over obstacles, racing from one place to another. For a child a step can be an obstacle which is almost impossible to overcome. For older people an uneven path can pose a dangerous challenge. Those who are prepared for these hazards can master everyday life with happiness and safety. Specifically designed exercises promote mobility and make independent living easier.




Life Path
Climbing Stairs

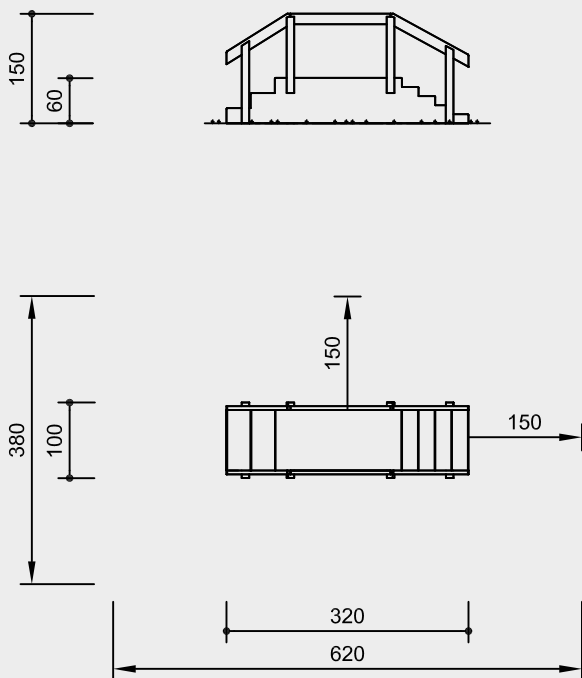


11.50400

Order No. 11.50400

Life Path
Climbing Stairs

Safety distance 
Device dimensions 
Functional distance 



Scale 1:100

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



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	3.20 m
Width	1.00 m
Weight	200 kg

Safety

This equipment is not playground equipment within the scope of DIN EN 1176 and therefore is also not subject to the requirements of this standard. Nevertheless, it is complied with where appropriate.

Components

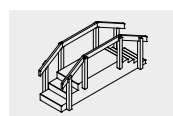
- 1 Piece of equipment
- 4 Steel feet

Installation information

Surfacing requirements corresponding to a fall height of ≤ 0.60 m recommended: wood chips, granular material or the like

Foundations
4 items 40 x 40 x 35 cm
Excavation depth 55 cm

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



11.50400

Play value

The stations, based on real-life situations, invite you to try them out and exercise. Alongside agility, stamina is also trained in this circuit course. The path is set up so that not all the obstacles need to be overcome and so that an accompanying person can give best possible help. Handrails on both sides at every station additionally ensure the highest safety.



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Recommended for

- School children
- Young people
- Adults
- Older people
- Public play areas without supervision, such as playgrounds, parks or similar

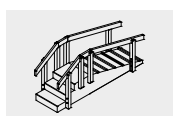
Effect

Various tasks mean that everyday challenges can be practiced; stamina and agility are promoted. Safety in daily life is thereby improved and mobility increased.

Purpose

Everyday life can contain various hazards. Climbing stairs, descending stairs, stepping over obstacles, racing from one place to another. For a child a step can be an obstacle which is almost impossible to overcome. For older people an uneven path can pose a dangerous challenge. Those who are prepared for these hazards can master everyday life with happiness and safety. Specifically designed exercises promote mobility and make independent living easier.

Life Path
Steps / Ramp






11.50401

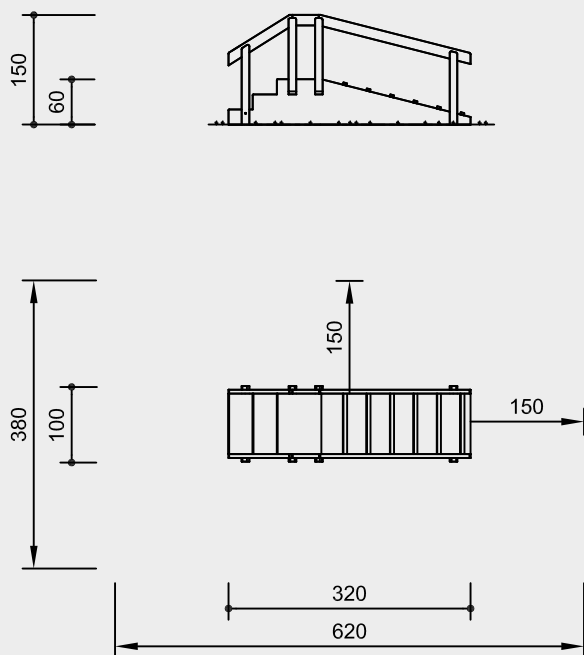
Design Moser Spielgeräte GmbH

Order No. 11.50401

Life Path

Steps / Ramp

Safety distance 
 Device dimensions 
 Functional distance 



Scale 1:100

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



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	3.20 m
Width	1.00 m
Weight	200 kg

Safety

This equipment is not playground equipment within the scope of DIN EN 1176 and therefore is also not subject to the requirements of this standard. Nevertheless, it is complied with where appropriate.

Components

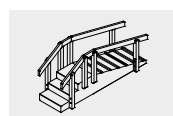
- 1 Piece of equipment
- 4 Steel feet

Installation information

Surfacing requirements corresponding to a fall height of ≤ 0.60 m recommended: wood chips, granular material or the like

Foundations
 4 items 40 x 40 x 35 cm
 Excavation depth 55 cm

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



11.50401

Play value

The stations, based on real-life situations, invite you to try them out and exercise. Alongside agility, stamina is also trained in this circuit course. The path is set up so that not all the obstacles need to be overcome and so that an accompanying person can give best possible help. Handrails on both sides at every station additionally ensure the highest safety.



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Recommended for

- School children
- Young people
- Adults
- Older people
- Public play areas without supervision, such as playgrounds, parks or similar

Effect

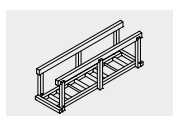
Stamina and agility are promoted. Everyday challenges can be practiced in the form of various exercises. Safety in daily life is thereby improved and mobility increased.

Purpose

Everyday life can contain various hazards. Climbing stairs, descending stairs, stepping over obstacles, racing from one place to another. For a child a step can be an obstacle which is almost impossible to overcome. For older people an uneven path can pose a dangerous challenge. Those who are prepared for these hazards can master everyday life with happiness and safety. Specifically designed exercises promote mobility and make independent living easier.

Life Path

Wooden Path with round logs






11.50404

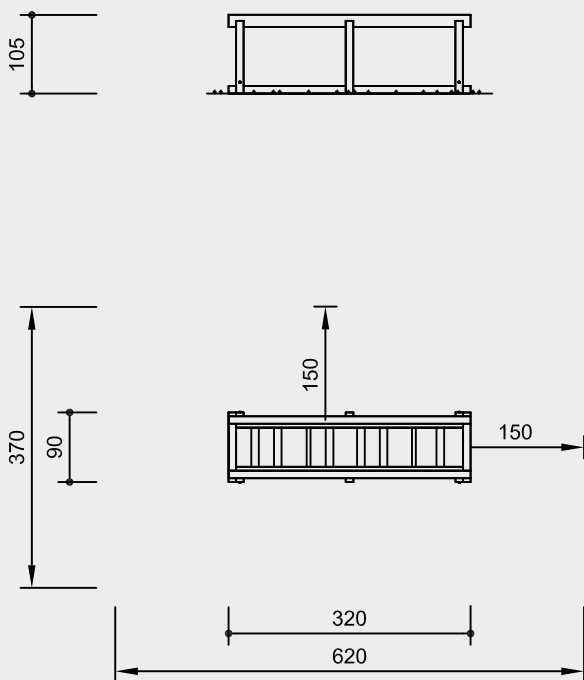
Design Moser Spielgeräte GmbH

Order No. 11.50404

Life Path

Wooden Path with round logs

Safety distance 
 Device dimensions 
 Functional distance 



Scale 1:100

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



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	1.05 m
Length	3.20 m
Width	0.90 m
Weight	210 kg

Safety

This equipment is not playground equipment within the scope of DIN EN 1176 and therefore is also not subject to the requirements of this standard. Nevertheless, it is complied with where appropriate.

Components

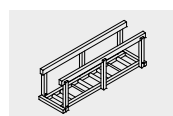
- 1 Piece of equipment with permanently attached round logs (to be filled with e.g. wood chips on site)
- 4 Steel feet

Installation information

Surfacing requirements
 no requirements
 recommended:
 wood chips, granular material or the like

Foundations
 4 items 40 x 40 x 35 cm
 Excavation depth 55 cm

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



11.50404

Play value

The stations, based on real-life situations, invite you to try them out and exercise. Alongside agility, stamina is also trained in this circuit course. The path is set up so that not all the obstacles need to be overcome and so that an accompanying person can give best possible help. Handrails on both sides at every station additionally ensure the highest safety.

Recommended for

- School children
- Young people
- Adults
- Older people
- Public play areas without supervision, such as playgrounds, parks or similar

Effect

Stamina and agility are promoted. Everyday challenges can be practiced in the form of various exercises. Safety in daily life is thereby improved and mobility increased.

Purpose

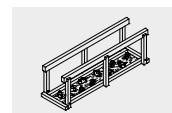
Everyday life can contain various hazards. Climbing stairs, descending stairs, stepping over obstacles, racing from one place to another. For a child a step can be an obstacle which is almost impossible to overcome. For older people an uneven path can pose a dangerous challenge. Those who are prepared for these hazards can master everyday life with happiness and safety. Specifically designed exercises promote mobility and make independent living easier.



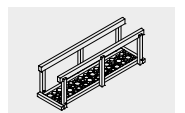
Order No. 11.50403 Wooden Path with log end pavers

Life Path

Stone Path
Wooden Path with log end pavers



11.50402






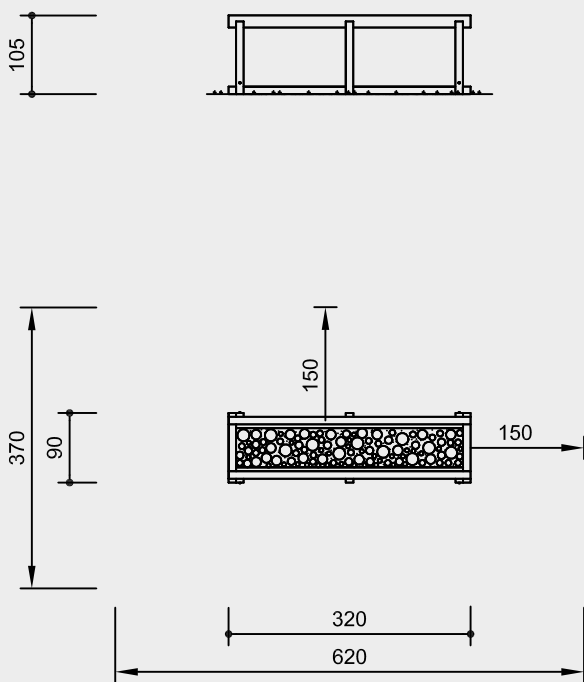
11.50403

Order No. 11.50403

Life Path

Wooden Path with log end pavers

Safety distance 
 Device dimensions 
 Functional distance 



Scale 1:100

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



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. 11.50402 / 11.50403

Height	1.05 m
Length	3.20 m
Width	0.90 m
Weight	495 / 335 kg

Safety

This equipment is not playground equipment within the scope of DIN EN 1176 and therefore is also not subject to the requirements of this standard. Nevertheless, it is complied with where appropriate.

Components

Order No. 11.50402

Stone Path

- 1 Frame
- 1 Pallet of stones
(to be filled with e.g. sand on site)
- 4 Steel feet

Order No. 11.50403

Wooden Path with log end pavers

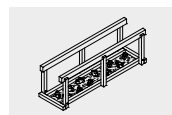
- 1 Piece of equipment with built-in log end pavers
(to be filled with e.g. sand on site)
- 4 Steel feet

Installation information

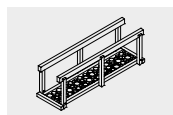
Surfacing requirements
 no requirements
 recommended:
 bark mulch, wood chips, or the like

Foundations
 4 items 40 x 40 x 35 cm
 Excavation depth 55 cm

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



11.50402



11.50403

Play value

The stations, based on real-life situations, invite you to try them out and exercise. Alongside agility, stamina is also trained in this circuit course. The path is set up so that not all the obstacles need to be overcome and so that an accompanying person can give best possible help. Handrails on both sides at every station additionally ensure the highest safety.



© Richter Spielgeräte GmbH 11/22

Recommended for

- School children
- Young people
- Adults
- Older people
- Public play areas without supervision, such as playgrounds, parks or similar

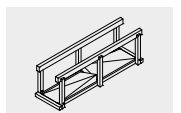
Effect

Promoting stamina and agility. Everyday challenges can be practiced in the form of various exercises. Safety in daily life is thereby improved and mobility increased.

Purpose

Everyday life can contain various hazards. Climbing stairs, descending stairs, stepping over obstacles, racing from one place to another. For a child a step can be an obstacle which is almost impossible to overcome. For a senior citizen an uneven path can pose a dangerous challenge. Those who are prepared for these hazards can master everyday life with happiness and security. Specifically designed exercises promote mobility and make independent living easier.

Life Path
Wooden Path






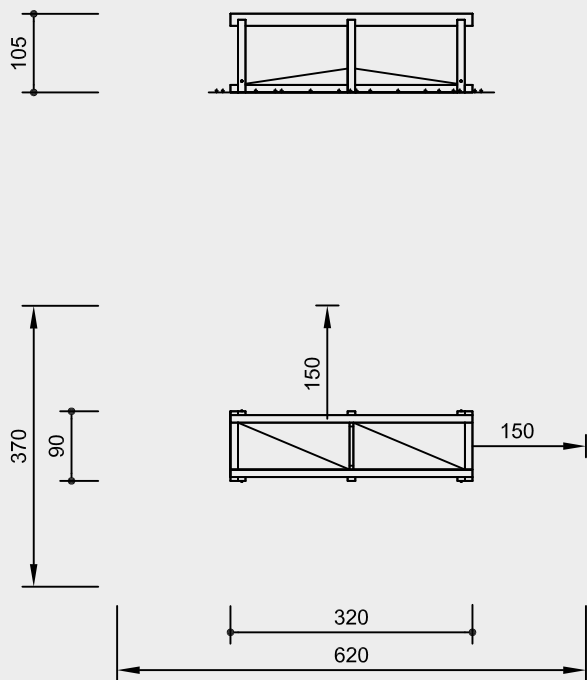
11.50405

Design Moser Spielgeräte GmbH

Order No. 11.50405

Life Path
Wooden Path

Safety distance 
Device dimensions 
Functional distance 



Scale 1:100

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



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.

Walking board made of waterproof plywood 27 mm, with anti-slip coating

Dimensions

(small deviations possible)

height	1.05 m
length	3.20 m
width	0.90 m
weight	120 kg

Safety

This equipment is not playground equipment within the scope of DIN EN 1176 and therefore is also not subject to the requirements of this standard. Nevertheless, it is complied with where appropriate.

Components

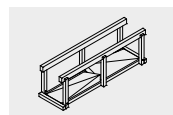
- 1 Piece of equipment
- 4 Steel feet

Installation information

Surfacing requirements
Surfacing
no requirements
recommended:
wood chips, granular material or the like

Foundations
4 items 40 x 40 x 35 cm
Excavation depth 55 cm

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



11.50405

Play Stations for Developing the Senses

Promotion of perception and the senses according to Hugo Kükelhaus

The topic play and perception is relevant to all of us, irrespective of age. It allows inner flexibility and freedom to adapt to the continuous changes which the paths of our life demands. The play stations are the instruments which activate this inner flexibility and allow us to focus on the wonderful phenomenon of nature.

Normally we adults just brush over such sensory impressions. By playing without any pressure to perform everyday life can be given a new significance; an ordinary day can turn into a special day. Seeing and hearing, smelling and feeling turns reality into what the word "real" implies: the special, the royal. This is the way in which the stations help to develop the senses.

As we grow older why can't we once again learn that childish sense of wonder and the pleasure which arises out of that wonder? That would make us all more appealing to others!

This equipment generally falls outside the scope of EN 1176, Safety of Playground Equipment. Nevertheless, where appropriate the requirements of this standard are respected.

The Mature Person and the Eternal Child

Wolfram Graubner

Why are we making equipment for older people to develop the senses, aid perception and facilitate playful contact with the phenomena of our world?

I am neither a play theorist nor a physiologist – that's why the following does not claim to have universal validity, it promises no results. I simply had the luck to meet people like Wladimir Lindenberg, Hugo Kükelhaus and Karlfried Graf Dürckheim. Not only did friendship connect us, but also an intensive work collaboration up to a very old age with the latter two.

My introduction here is a very personal response to this.

I'd like to begin with a small anecdote about Hugo Kükelhaus that touched my heart. He told me that as a child he used to have fun bending over and observing the "world" through his legs. Colours appeared to be more intensive and brighter this way.



Standing on your head the world is a much brighter and more exciting place. When you're next somewhere really beautiful – by the sea, in the mountains, maybe in the woods – why not bend down and take a look at it all upside down?

I return to my initial question: Why do we want to offer older people the equipment which will allow them to have these experiences, equipment with which you can make and observe rainbows and ones where you can make stones sing or vibrate yourself?

Actually I should phrase that question differently because, basically, I do not work for the old or the young, the mature or the immature person. By this, I mean that I actually do not work with a particular age group or mental state in

mind. I never reject a beautiful phenomenon because it appears not to be suitable for a particular age group or for people with certain limitations who could not reach it without help.

How wonderful it is to help each other! I don't construct something due to a desire to return to what I once took pleasure in doing.

Actually I like to play here and now. This is, however, often seen as wrong – after all what purpose does it serve and, not least of all, the equipment costs money.

Up to now I have resisted defining a recipe for well-being. I also can no longer play in a carefree way if this is demanded of me. That demystifies the magical process of playing.



In most people there still resides a germ of the instinct to play. Even the most important discoveries of science – according to the statement of the discoverers – often go back to a playful handling of these appearances of reality.

Also artists and philosophers live with a child's "godly play" within them. This child is independent of its external age and allows us the internal flexibility to continually transform ourselves when our life paths requires us to.

Within us, there where only the perception of the soul reaches, we hold a picture of what we could be. As long as we do not achieve this then we remain unsatisfied. Up to the very last day we should keep on further developing. Often, however, we are blind and dumb towards this creative strength that lies within us.

Our eye and ear games and our play stations are made for the inner child who lives in me and in everyone. The equipment doesn't need to be handled in a particular way or require any previous knowledge. It is not about testing knowledge and not about testing skills. The visitor does not have to reach a certain level and there is no learning target.

It is a moving experience to meet people who can raise above themselves – who not only notice everyday objects but can view them at leisure and wonder at them, maybe even love them.

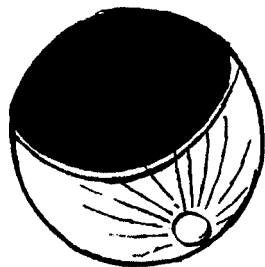
A Japanese Zen master once said:

"Have you noticed how the pebbles on the street look so clean and shiny after the rain? Pure artistry! And these flowers. There are no words to describe them. You can only let out a cry of wonderment "Ah". You have to be able to understand the "Ah!" in things". And Lindenberg adds: "Which of us still understands the "Ah" in things? The child who cries "Ah" whenever it sees any new object and wonders and marvels at it. How wonderful and magical is this childhood amazement! Are we already too old to marvel? Is there nothing in this wide world that we can marvel at?"

And Kükelhaus explains:

*Hast Du mal
gesehen, wie sich
in einem Taütropfen die
ganze Welt spiegelt?
Oben die Erde,
unten der Himmel.
Das Auge ist wie solch ein
Taütropfen. Die ganze Welt
beschaüt sich in ihm.
Und nur darum kann
es sehen.*

*Have you ever noticed
how the whole world
is reflected in a drop
of dew?
With the earth at the
top and the sky down
below.
The eye is just like a
dewdrop. The whole
world is displayed
inside it.
And this alone enables
it to see.*



The painter learns that kind of wonder; they see the symbolic in the object so that this phenomenon becomes the most important thing.

Such wondrous observing, such attention is an art, and requires time, which we much too often don't take. Such observation makes the mature person kind and open, aware and loving.

"The work of a practiced artist or a craftsman is a sign of real maturity, it appears as though each movement, each touch is carried out playfully and with the greatest of ease and yet we know how much effort is required to learn this craft." (Wladimir Lindenberg)

Concern for the aged, the sick and the weak is rewarding positively if we take the time because a life lived in thoughtfulness is healing. In this way old people, children and people with disabilities can become the teachers in a society where many people no longer reach maturely. Herein lays the importance of including these people in our society.

The meaningful, thoughtful and perceptive play cannot be categorized as useful. Whether these games therapeutically improve the sense of sight, the hearing, the deep sensitivity of the hand etc, seems obvious but has not been proven.



During the maturing process the eyes and ears open less to the superficial than to what can be recognised in the background. It is only through this that life gains meaning. "I loved you late, you beauty, so ancient and so new, I loved you only late. And see you were always inside me and I was outside and looked for you there!" (Augustinus)
I don't want to say that I regard all the equipment, which has been designed to keep the older generation fit, as unnecessary but I am against the one-sidedness which sucks the life out of the people.

In Asian culture there is a tradition of „do“, which means the exercise path to enlightenment, whereby the physical exercises serve to raise the awareness of the soul. `Tai Chi`, `Aikido` or `Jaido` support people on this path to maturity. There is no need for older people to be ashamed of carrying out these physical exercises because here it is the elders who are the masters.

The type of fitness equipment which we do today is connected to this old tradition.

"Happiness does not ask why – it is born of nothing, it is a pure state of the soul." (Lindenberg)

For me, this enjoyment in free, self-determined and unintentional play is the motivation for developing the play stations and meeting and observing wonderful phenomenon together. Is that a luxury of the soul or is it of the utmost necessity? Isn't it now in this day and age where we are showered with unreal, media dumbing of the senses where it is vital that we once again take our strength from what is real? After all, where should our aged people find the strength for their final path. From a culture of diversion, consumerism and distraction or from connecting with reality which is found in thoughtfulness and openness and which will help them to let go?



Photo © Valentin Luthiger

10.11000 Impulse Spheres

Nine stainless steel spheres are suspended precisely behind one another. If you pull back the first sphere and release it, its momentum travels invisibly through all the other balls and only the last one is deflected. This sphere swings back with almost equal energy, causing the sphere at the opposite end of the row to swing out. In a figurative sense, a human impulse also continues to affect its counterpart.



10.13100 Turning circle

Just a gentle turn of the disc is enough to change the picture into ever new and flowing forms, each unique and fleeting. Whole landscapes and aesthetic patterns appear in the sand. Turning the disc too fast results in chaos. However, if the disc is left to trickle while stationary, new structures form. This law of nature can also be applied to people and to the continual changes during a human life.



10.15000 Pattern Board

In the space between two sides of a transparent board is water. Minute particles form different shapes. The board can easily be set into gentle pendulum movement. The influence of rhythm creates designs. Water currents which run into one side form waves whose structure is reminiscent of sand on the sea bottom. It becomes clear how water washes around obstacles and flows through narrow channels. Along obstacles, typical patterns form in the congestion in front and the suction behind. This game transforms itself into a physical experience for people.

10.17000 Water Column

Screw-like and spiralling movements naturally occur in nature. The water column is driven by a crank. The function of a crank has a very stimulating character also for people with dementia. While watching the whirlpool movement, fine muscle reflexes are triggered, so-called deliberate intended movements. That stimulates the fine motor skills. Whirlpool movements can be traced back to the beginning of our development; this perception opens the internal to the external and the external to the internal.



Photo © Daniel Perales

10.19200 Double Helix

By turning the Double Helix, the outer and the inner spiral, which are connected to each other, move in such a way that we perceive it as an upward and downward movement. As with the pendulum, but here in a circulating movement, we experience the universal principle that in every rise a fall is inherent and vice versa. Optical games such as these are especially beneficial to people with reduced mobility because the observation triggers the finest of movements.



10.22100-10.22850 Rotating Discs

The observer gently spins the disc and then takes a step back. Looking at the disc the eye actively and automatically creates complementary and polar counter images. This creates surprising, colourful light phenomena. Turning the disc slowly creates the impression of a rotating cone and funnel. The brain is thereby stimulated into actively constructing a perspective image. The pattern becomes a funnel or a trunk.



Photo © Daniel Perales

10.23100 Kaleidoscope - 10.24100 Octascope

Originally in Greek, kaleidoscope meant „beautiful picture viewer“. This perception awakens the power of imagination not just for children.

The view through the Octascope focuses on the world. As with the Kaleidoscope, the reflection causes a symmetry thus creating new shapes and arrangements by the turning of mirrors when the Octascope is manipulated.





Photo © Valentin Luthiger

10.31000 Water Prism

If you look through the prism in daylight, the most wonderful colours can be seen: red, orange, yellow, green, light blue, dark blue and purple. Smaller dark objects in the surrounding area appear to be totally colourful, lines look as if they are curved, and, in the boundary between sunlit and shadowed areas, coloured fringes appear. This is all about the relationship of people to colours, on the perception of colour.



10.31100 Glas Prism

The glass prism works the same way as the water prism, but is smaller and shaped differently.



10.41100 Small Singing Stone

If you place your head in the stone's hollow and hum different notes, it is possible to find the note at which resonance occurs. It is possible thereby to feel the vibration of your own voice throughout the whole body.



10.42000 Large Singing Stone

If you hum in the Large Singing Stone you are transported into another world. The organic and striking six to eight sided column shape is like a natural monument, something which is nowadays difficult to find and this is what makes this so special.

Photo © Daniel Perales

10.44000 Tuning Stone

Sounds create different moods. Not enough auditory input makes you lonely. Vibrations can be created by rubbing the stone carefully but firmly with a little water. The sound is experienced through the skin and hands. If you place your hands on the tabletop then, at first you only feel coldness and hardness. However, soon you begin to feel a curious prickling in your fingers followed by various small movements of the hands - first in the fingertips, then in the fingers, then the whole hand. In the realm of tactile qualities the hand starts to blossom. This is often a special experience for older people because there is frequently a decline in the movement and depth of sensitivity in the hands.



10.45000 Stone Harp

With this stone you can create wonderful tones which resemble the heavenly sounds of a harp.

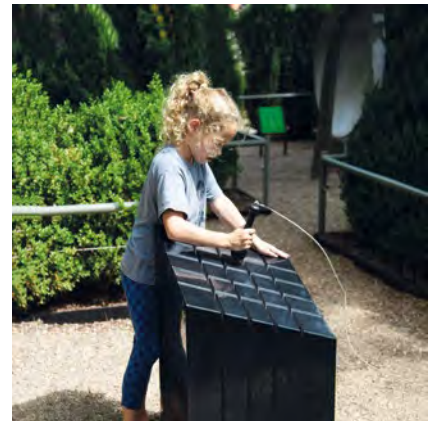


Photo © Daniel Perales

10.46000 Stone Xylophone

Stones are not mute. Being able to generate a sound from the oversized stones of the giant xylophone is a moving experience. If desired the stone can also be positioned at table height.



10.52000 Triangles

A tone is not just a noise but a sound which the ear perceives as pure and of constant pitch. Many adults have memories of triangles from their childhood.





Photo © Marina Pavlova

10.52160 / 10.52180 Gong

The skin can also perceive sound. Sound waves, especially those from gongs, are not only perceived by the ear but also by the skin. The vibrations emitted by the gong are perceived as relaxing and invigorating on the skin and pass right through all the different areas of the body. That is why the gong is also used for therapy.



Photo © Daniel Perales

10.52200 Metal Gongs

The force and rhythm with which the Metal Gongs are struck gives rise to different sounds and resonances. Each metal disc produces a particular range of sound. There are calming sounds which find resonance in particular areas of the body, head, neck, chest or stomach, depending on pitch. Several people can play simultaneously and create music by listening to each other.



10.52400 Tubular Chimes

Tubular Chimes are, like other orchestral instruments, tuned precisely. No other instrument can produce such a clear and lasting sound.



10.53000 Dendrophone

The Dendrophone is a simple to use musical instrument. The individual notes are easy to hit. Memories of melodies can be evoked here and helpers can supplement the sequences of notes and conversations can be sparked. Several people can play simultaneously and create music by listening to each other.

10.53100 Tubular Dendrophone

The Tubular Dendrophone is quieter than the normal Dendrophone. By placing your hand on a ringing tube you can experience the wood's vibration.



10.53200 Sound Arch

The Sound Arch which consists of 5 wooden sound tubes can be played from both sides at the same time. This has the effect of particularly encouraging the participants to play together and listen to each other. The warm tones of the wooden tubes could be described as "stomach sounds".



10.55000 Conference

Just like an old ship's telephone you can communicate through underground tubes. That encourages contact. It is possible to communicate over unusually long distances without the use of any electronic amplifiers. However, visual contact makes sense.



Photo © Anton Donikov

10.55100 Echo Game

You call and the world answers you, you clap and space reacts. If you don't receive an answer, which so many hard of hearing people experience, this can be an oppressive feeling. With the echo game you can amplify the echo.



Photo © Daniel Perales



10.57100 Listening to Water

With this installation visitors are introduced to the natural sounds coming from a watercourse. At first only incidentally, this station arouses curiosity and attention. You can hear dripping, a murmuring, a gurgling or whatever other various water noises there are.



10.58000/10.58100 Melodic Fence

Every culture has its melodies which stay alive by frequent repetition. The Melodic Fence gives you this opportunity to play these melodies as a chorus or as a canon or even backwards if you want to. The fence has been tuned with little familiar melodies such as „Frère Jacques“. Other melodies within an octave tone range are possible.



Photo © Valentin Luthiger

10.61000 Scented Organ

The sense of smell is situated in the oldest part of our brains in a developmental sense. That is why suitably chosen scents can awaken memories of situations and open up topics of conversation. However, the scents can also be put together in such a way that two are linked together and can be used as a memory game. The scents can be exchanged. Memories can be beneficial if cognition has diminished and in cases where dementia has become isolating. This can make people apathetic. The veil of apathy can be penetrated by evoking memories.



10.92000 Partner Swing

The life-sustaining bodily process can be recognised by their rhythmical characteristics. Heartbeat, breathing, digestion. We have almost no influence over them by will alone but they can be stimulated by rhythmical body movements. Walking has the best effect. However we have also had good experience for adults with swing movements. There are also supporting special seats for the partner swing. Here big and small people simply have fun cooperating with each other through this interactive game.

**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 For the very Young
- ③ Movement by Climbing
- ④ The Child at Play
- ⑤ Water and Play
- ⑥ Acoustic and Play
- ⑦ Graubner Play Stations for Developing the Senses



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