ECO-play

Natural playgrounds

Inspired by nature



ECO-play

A lot of children are growing up in a world of concrete and metal. However we are now aware that a green environment can improve the health and well-being of young and old. Children are therefore encouraged to play in line and with respect for nature. Over the last few years, many playgrounds are more equipped with natural materials such as tree trunks and wooden play equipment,...

Research shows that natural play offers unique challenges and learning opportunities to children. It makes playing more interesting and afterwards they generally feel better. Green playgrounds also invite children to exercise in a more intensive and varied way.

Eco-play Mission

Europlay manufactures imaginative playground equipment– for public use – designed to stimulate creative play.

Eco-play is a range made by:



Product overview

ECO-play Inspired by nature



Swings



p. 15

ref. RO171 p. 17

Spring mobiles and seesaws



p. 13

Tree trunk **ref. RO202** p. 19



p. 14

Ladybug **ref. RO198** p. 19



Honeybee ref. RO199 p. 19



p. 16

Goldfish **ref. RO200** p. 20



Shark **ref. RO196** p. 20



Land turtle **ref. RO197** p. 20



Seesaw **ref. RO302** p. 21



Seesaw with springs ref. RO201 p. 21

Mini village



Lumberjacks hut ref. RO405 p. 60



Lumberjacks hut with small swing **ref. RO409** p. 62



Ranger's cabin **ref. RO406** p. 63



Hunters tower ref. RO415 p. 64



Poachers forest ref. RO420 p. 66

Balance Equipment







Balance beam ref. RO330

p. 30

Balance trail ref. RO680 p. 31

Path of stilts ref. RO860 p. 32

Reed field ref. RO863 p. 32



Jungle ref. RO815 p. 36



p. 38

The scissors ref. RO850



Jungle trail ref. RO750 p. 40



Canyon bridge ref. RO701 p. 42

Agility trails



Agility trail ref. RO610 p. 46



p. 48



Wobbly chainbridge ref. RO360

p. 50



Climbing units



Climbing tower

ref. RO205 p. 54



Monkey wall ref. RO286 p. 55



Monkey cage ref. RO285 p.55



Swallow nest ref. RO284





Stork's nest ref. RO280 p. 57

Climbing units



Play tower **ref. RO510** p. 74



Play tower with roof

Ref. RO505 p. 74





Beetle bridge Ref. RO502 p. 76

Beetle bridge with roof Ref. RO500 p. 76



Magic tower Ref. RO532 p. 78



Magic tower combination Ref. RO551 p. 79

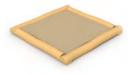


Magic tower with roof **Ref. RO530** p. 82



Magic tower combination with roof **Ref. RO550** p. 82

Sand playground equipment



Sandbox Ref. RO2020 p. 86



Playtable & little chair **Ref. RO1100** p. 88



Sand corner Ref. RO1200 p. 88



Sand digger Ref. RO1205 p. 89

Slides



Hill slide with platform Ref. RO005 p. 91

Pirate ship 'Albatros'



Pirate ship 'Albatros' **Ref. RO720 + RO730 + RO735** p. 95

Sports & games



Somersault

Ref. RO320

p. 23



Hexagonal somersault **Ref. RO323** p. 24



Twist and shout Ref. RO335 p. 24





Robinia goal **Ref. RO571** p. 25



Robinia abacus disk panel **Ref. RO930** p. 25 Robinia aerial runway Ref. RO343

p. 27

Furniture





Robinia bench **Ref. P558** p. 101

Bench and table in robinia





Robinia picnic table for children **Ref. P555** p. 102 at the

Robinia picnic table **Ref. P556** p. 103



Robinia mushroom **Ref. RO920** p. 104



Individual posts and logs



Ref. RO205 p. 110

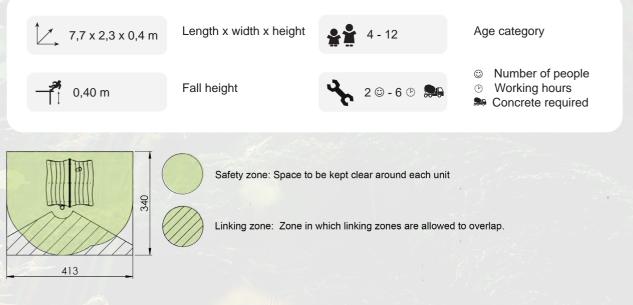




Contents



Symbols



Due to our commitment to continuous improvement we reserve the right to apply changes without prior notice of termination. The designs, colours and/or photos and/or sizes specified and/or age categories in this catalogue are only illustrative and may sometimes differ from the included installation manual. Only the latter is valid based on the European standard EN 1176. Copyright © Europlay 2023, no part of this publication may be reproduced and/or published by print, photocopy, microfilm or any other means without prior written

permission of the publisher. Subject to printing and typographical errors.

Responsible publisher: Europlay NV - Eegene 9 -9200 Dendermonde (Belgium)

www.europlay.eu

CRAFTSMANSHIP

We control the entire manufacturing process ourselves, from design to production. That way we can handle short, flexible delivery times and guarantee excellent quality.

Eco-play is characterised by the use of unique beams, each with its own natural curvature. This means that every piece of equipment looks different. That's why it's necessary to build up each unit of playground equipment in advance at the point of production. The ropes and nets are made to measure depending on the size of each piece of play equipment.

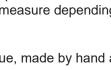
Our employees are real craftsmen. Each item is unique, made by hand and shows real professional skill.

QUALITY

We work with European types of wood with a high durability. Every post and slat is being checked and selected on quality. Only the best pieces are used for our play equipment. Wood of lesser quality is used as firewood or processed into wood chips. This way we try to minimise the loss of resources. That philosophy is extended throughout the entire corporate culture.

SAFETY

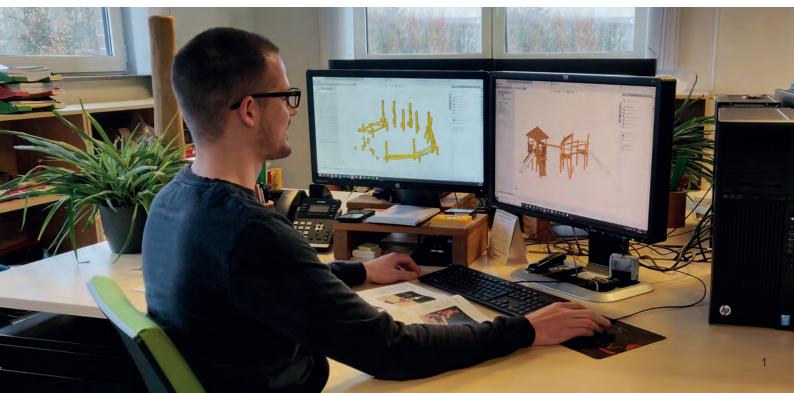
Both the security of our employees and the safety of the children using our equipment are of great importance to us. Providing training and referring to safety instructions are priorities in our company. In addition, every part of play equipment is extensively tested and checked before use. We work together with an external certification organisation "TUV NORD". So, all equipment have a safety certificate according to the European Standard EN1176-2017.











Our efforts for the environment

"Choosing for Eco-Play, is choosing for a sustainable play environment"



THE USE OF SUSTAINABLE WOOD

The use of wood species like larch, robinia and oak with their natural durability, avoids unnecessary treatment with chemical preservatives. The waste may even be burned and no harmful substances will be released.



EUROPEAN WOOD

The use of European wood species protects the tropical rainforest and reduces CO2 emissions.



PEFC-CERTIFIED

PEFC (Programme for Endorsement of Forest Certification Schemes) is a worldwide forest certification system which provides assurance that forests are managed sustainably. PEFC promotes a forest management which is respectful for the environment, socially beneficial and economically viable. The PEFC label found on a paper or timber products gives consumers the assurance that the wood used in those products originates in sustainably managed forests.

* The list of PEFC certified products is available on request.



GREEN POWER

The electricity is largely supplied by an impressive installation of solar panels. That way the impact on the environment is kept to a minimum.



ECO-FRIENDLY PACKAGING

We use only second-hand pallets for packaging, together with recycled cardboard and recycled plastic.



CRADLE TO CRADLE

Waste wood can be processed into shock-absorbing underground (Eco-Mulch), chipboard or soil conditioner for potting compost. In the winter period this wood is used for our stoves (with emission measurement).



THE POWER OF SMALL STEPS

Exclusive use of rainwater, our own purification system based on a reed field for all our waste water, motivating employees to come to work by bike,... The rainwater from the site ends up in water basins, so that the groundwater is constantly replenished.

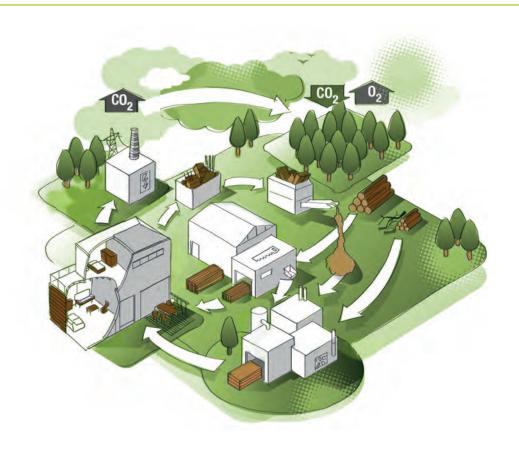
Nature as an inspiration

Eco-Play is a range of playground equipment, commercialised by Europlay, characterised by its playful design and its connection to the surrounding nature. This is made possible thanks to the use of untreated, durable wood species in their natural shape.

Beams in robinia wood have a natural curve, a high durability and little sapwood. This wood species creates the feeling of an environment full of woods, even in the middle of a city.

Children like to extend their boundaries. Crossing a curved beam is much more challenging than crossing a straight one. The combination of (polypropylene) nets and ropes helps every piece of the Eco-Play playground equipment to become a real jungle.

The cycle of wood and forest





- During the growth in the forest, wood offers a habitat for numerous plant and animal species.
- Wood is CO2 neutral. It stores the CO2 during the growth of the tree and will only release it in the event of degradation or incineration.
- Wood is a renewable resource. As long as it comes from a sustainable forest, it will never be exhausted.
- Wood has a positive effect on children. It has been proven that children feel and perform better in an environment with natural materials.
- Wood can easily be processed and is therefore energy efficient.





Our efforts for society

Annually, at least 5 % of the profit is donated to social causes like:



SUPPORT FOR REPLANTING FORESTS

We ensure that the forest resource is preserved and that we only use the wood from trees whose replanting is guaranteed. That is why we support organisations committed to nature protection.





AID TO IRAQI AND SYRIAN REFUGEES

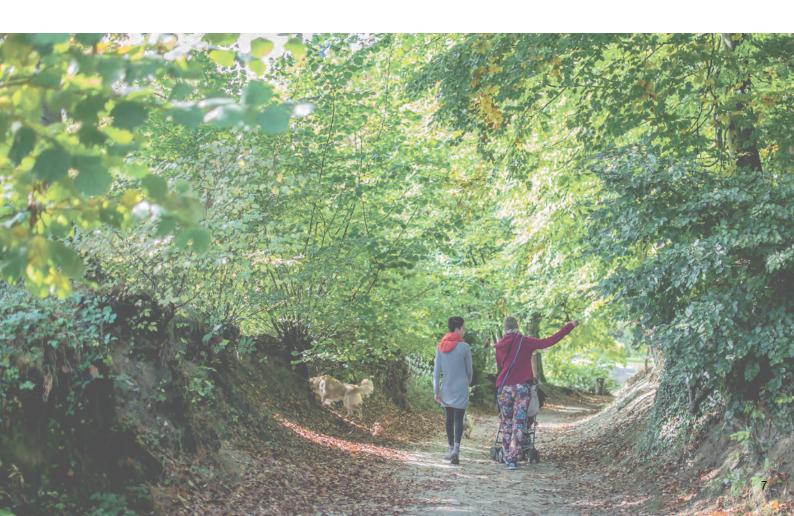
Annually, various medical interventions for children in Iraq are fully financed. Also three large playgrounds were delivered and installed free of charge in the Ashti refugee camp in Slemani (Kurdistan – Iraq).





COOPERATION WITH SCHOOLS

Around 10% of our employees are students with an internship or students who participate in dual learning (on-the-job learning). Besides learning a craft, we teach them to care about a valuable natural product such as wood.



Types of wood

Robinia

Robinia (durability class I to II) is the most durable European wood type that exists.

Robinia wood is characterised by its natural appearance. The shape of this deciduous tree is important for these playground equipment because the wood has a natural curve which is appealing to children.

at Eco-play

Larch

Larch (class III) is a type of wood with very little sapwood and a durable heart, ideal for use in outdoor applications.

This type of timber does not come in direct contact with the ground but is used for finishing the roofs and floors. Larch is a durable type of wood that can be used without any treatment.

*Other durable wood types can be used to a limited extent if the construction of the playground equipment requires this.

Other used materials



PAINT

Some parts are being coloured. At Eco-Play we only use ecological waterborne paints.



ROPES

Eco-play's ropes and net constructions are made of vandalism resistant steel cables. These consist of an interweaving of thin galvanised steel wires.



METAL

With the exception of fixations, the metal used at Eco-play is stainless steel.

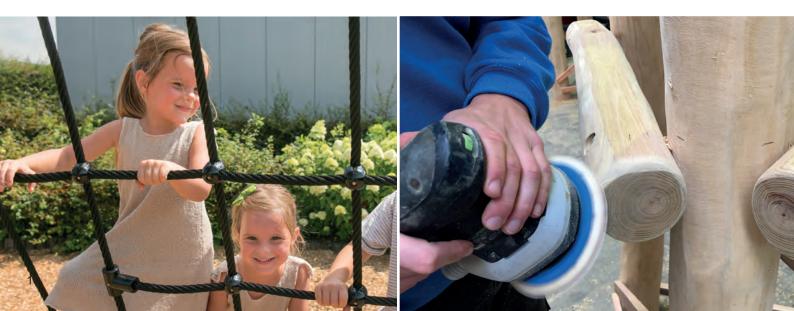
Anchorages (A/B)

- A The robinia beams are installed directly into the ground.
- B The product is fixed on a paved surface by means of brackets

Products without the reference "A/B" should always be installed into the ground by means of a concrete foundation.

Finishing touch

The surface of the robinia beams is smooth and splinterproof. Sharp sides have been removed. All bolts and screws are galvanised. The natural shape does not affect the quality, nor the safety of the product. (Longitudinal) cracks are considered normal.



SAFETY

Eco-play stands for innovative, challenging and safe playground equipment. Each new design is trying to combine and reconcile safety and childfriendliness. The European EN-1176 safety certificate, issued by TÜV Nord, is proof of this.

WARRANTY







- Lifetime warranty
- on stainless steel components (except for moving & mechanical parts)
- on galvanised steel components

| 15 years | |
|----------|--|
|----------|--|

on robinia

10 years

- on corrosion and structural failures of powder coated steel components (except for springs, moving & mechanical parts, and fixing materials)
- on dry rot (larch)

5 years

- on springs
- on ropes and net components



on structural failures of components due to manufacturing errors

Warranty on playground equipment near water

The usual warranty on metal corrosion doesn't apply to components placed in coastal areas, i.e. less than 5 km from the coast.

Limitation on warranty & exclusion of warranty

There is no warranty on equipment that hasn't been installed properly (according to the assembling manual provided by Ecoplay), on equipment that hasn't been maintained correctly (according to the maintenance prescriptions provided), and/or when spare parts other than Eco-play parts have been used to repair the equipment. We don't guarantee playground equipment installed in bark or in places where additional mold can occur. No warranty can be given on tree trunks.



LONGITUDINAL CRACKS

We make use of robinia heartwood. This means that natural length cracks are considered as a normal phenomenon. Wood is a natural product which is constantly subject to drought and humidity. In case of nice weather, round wood starts shrinking in the direction of its growth rings, creating surface cracks. These cracks tend to get smaller again in humid times.

As a consequence, natural cracks – up to 3-4 % of the circumference – are a normal sign in dry times. This will, however, never cause a post to break, because length cracks never appear in a straight line. The cracks are interrupted regularly as they follow the natural growth of the tree.

That is why it does not affect the general safety. Moreover, cracks always tend to be V-shaped, so there will never be a problem in relation to finger entrapment.

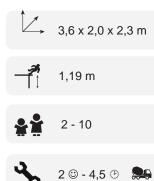
SWINGS

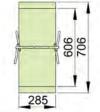


Small robinia swing - RO160



2 rubber seats L120 included





(21 m² loose soil material) (18 m² solid soil material)



The accesories can be combined.





L130 Cradle seat



Swing - RO101

2 rubber seats L120 included

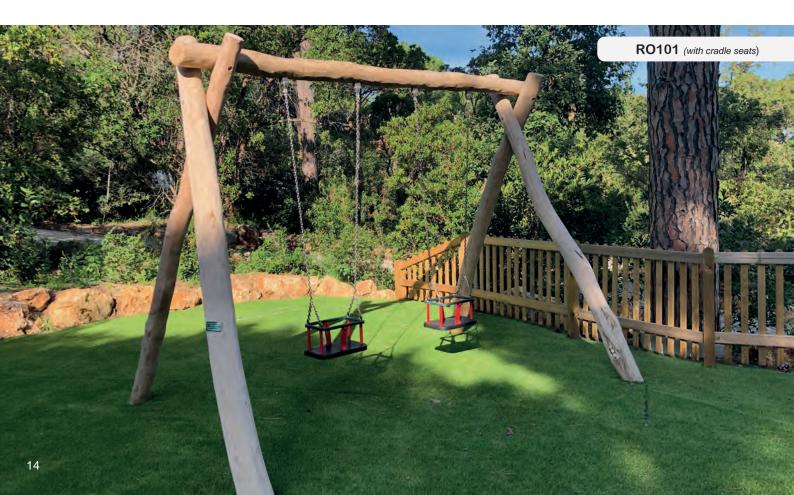
> (25 m² loose soil material) (22 m² solid soil material)



The accesories can be combined.



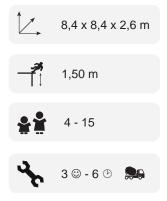


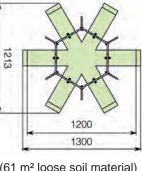


Hexagonal swing - RO150 » RO151



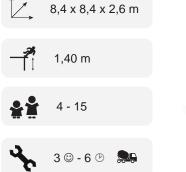
RO150 (6 tyre seats L101 included)

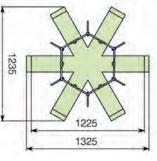




(61 m² loose soil material) (56 m² solid soil material)

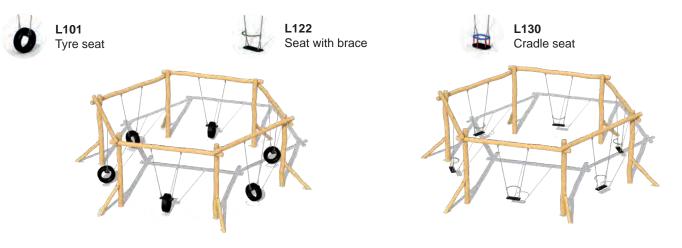
RO151 (6 seats with brace L122 included)





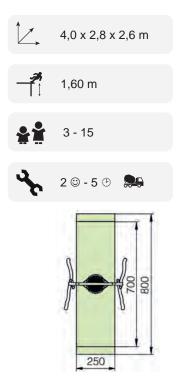
(62 m² loose soil material) (57 m² solid soil material)

The accesories can be combined.





Basket swing - RO170

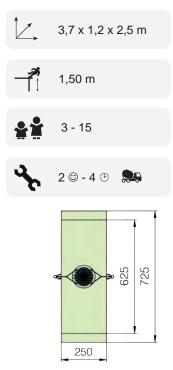


(20 m² loose soil material) (18 m² solid soil material)





Hammock swing - RO171



(19 m² loose soil material) (16 m² solid soil material)

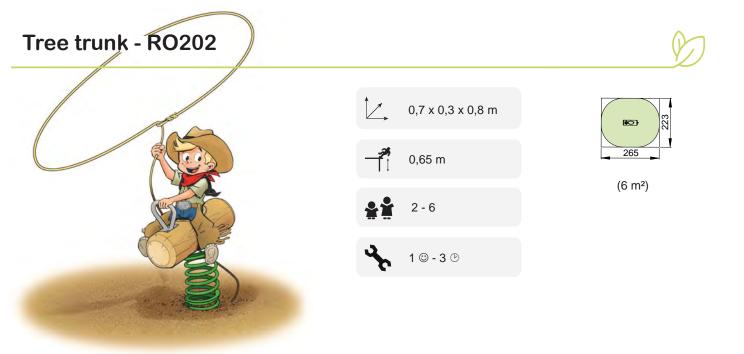




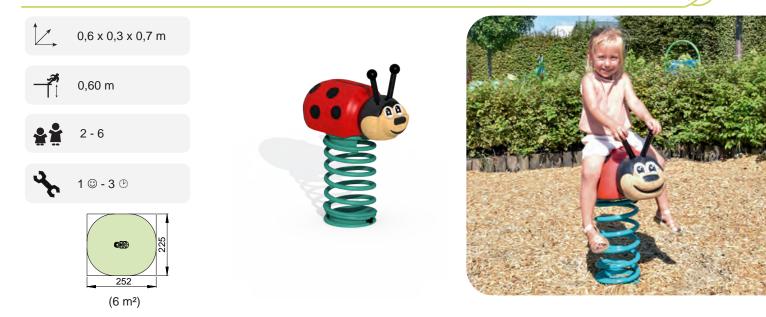
SPRING MOBILES AND SEESAWS



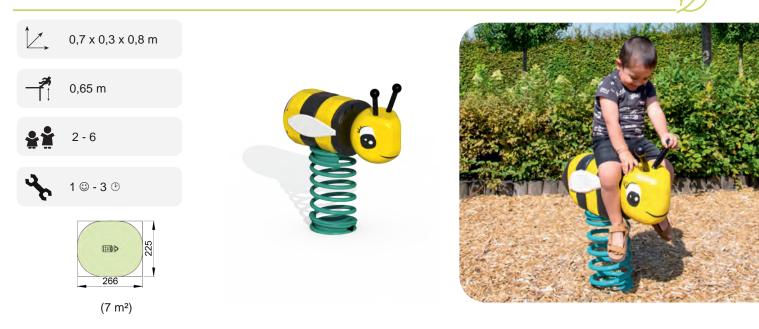
These playground equipments require a shock-absorbing surface.



Ladybug - RO198



Honeybee - RO199



Goldfish - RO200



Shark - RO196



Land turtle - RO197





111 0



0,8 x 0,3 x 0,8 m

0,70 m

2 - 6

1 🙂 - 3 🕑

-0

²⁷⁶ (6,5 m²) 226

1



 0,6 x 0,3 x 0,8 m

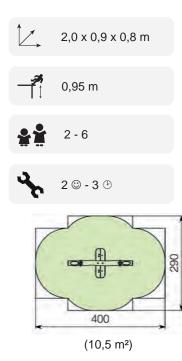
 ●
 0,65 m

 ●
 2 - 6



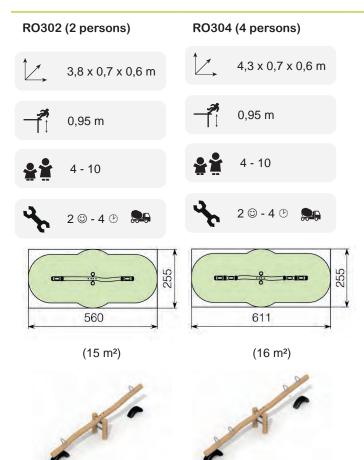


Seesaw with springs - RO201





Seesaw - RO302 » RO304

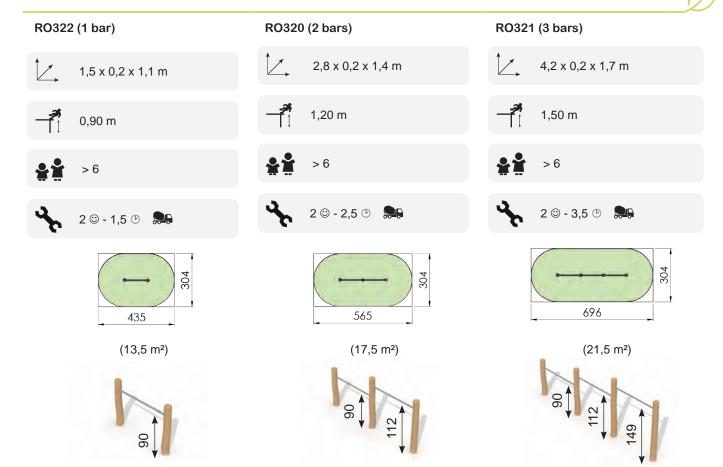




SPORTS & GAMES

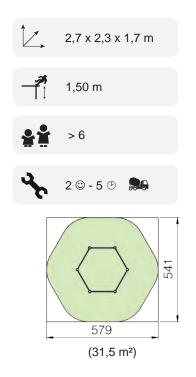


Somersault - RO320 » RO322



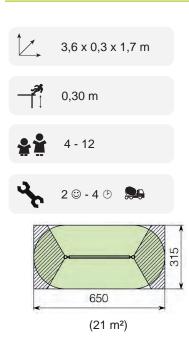


Hexagonal somersault - RO323





Twist and shout - RO335

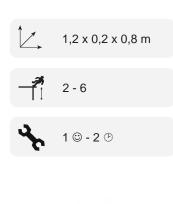




Robinia goal - RO571



Robinia abacus disk panel - RO930



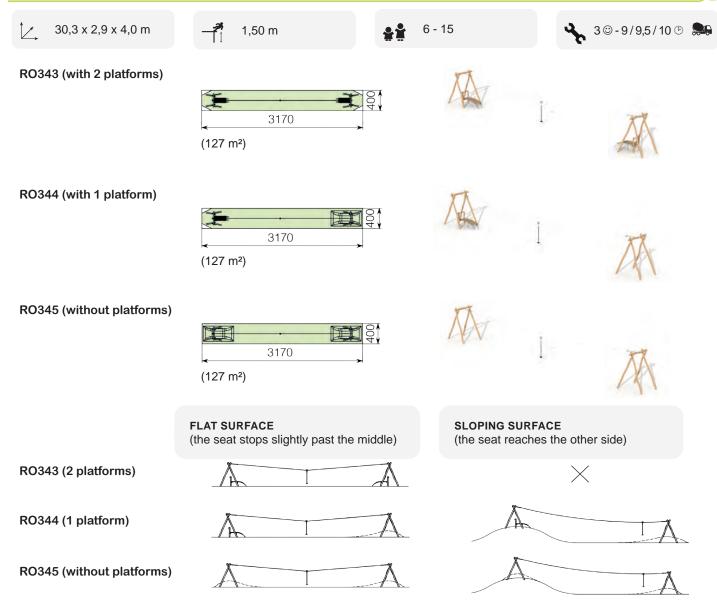




25



Robinia aerial runway - RO343 » RO345



*As to RO344 and RO345, the customer must construct the platforms with soil himself.

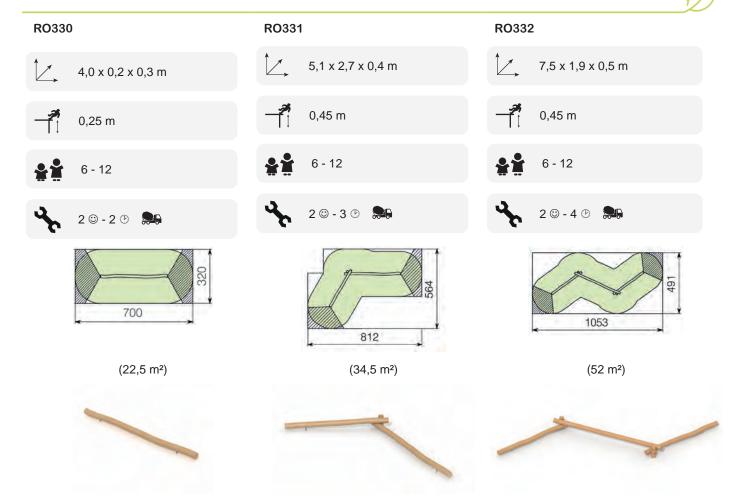


BALANCE EQUIPMENT





Balance beam - RO330 » RO332

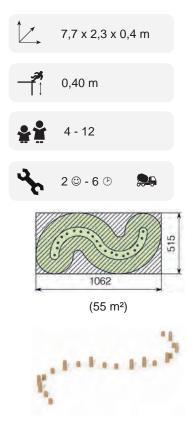




Balance trail - RO680



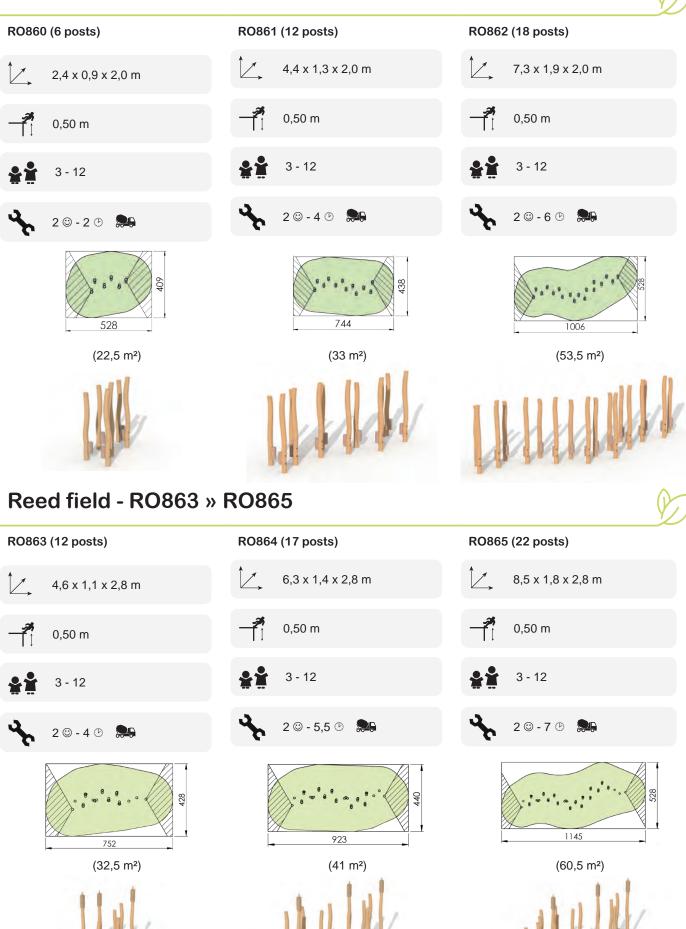
20 step posts in different lengths







Path of stilts - RO860 » RO862



WE

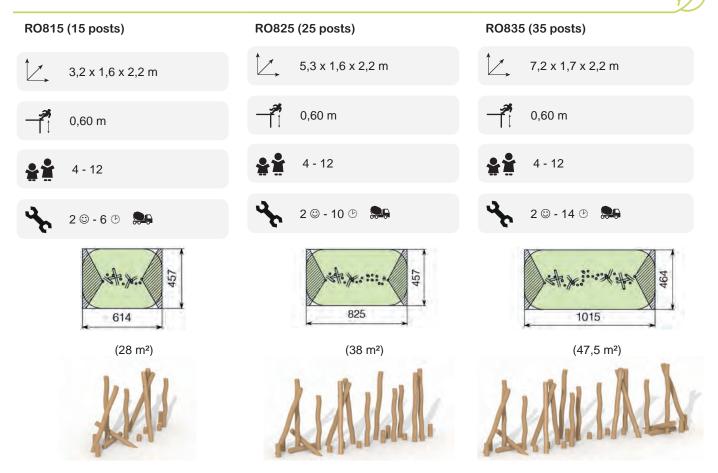
1. Il







Jungle - RO815 » RO835

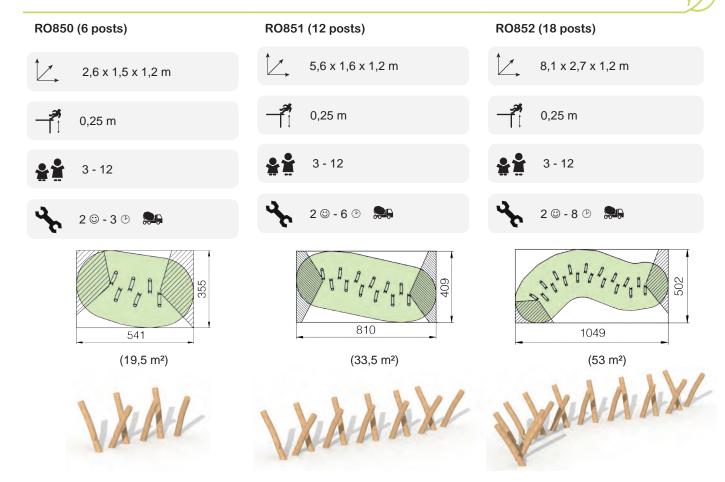


A jungle consists of several long and short beams of equal or different thicknesses and offers a wide range of possibilities to create a natural trail.





The scissors - RO850 » RO852





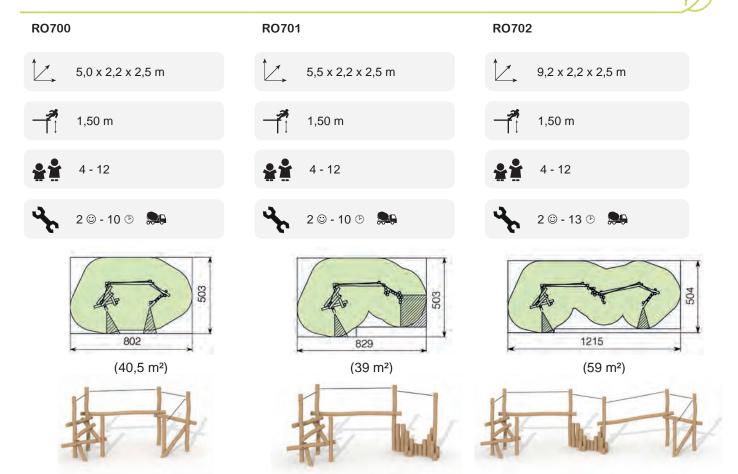


Jungle trail - R0750 » R0770 R0750 R0770 **RO760** 12 6,1 x 4,4 x 1,8 m 6,3 x 6,0 x 1,8 m 5,7 x 3,9 x 1,8 m **%** 0,60 m 0,60 m ſ 0,60 m 4 - 12 4 - 12 4 - 12 2 😊 - 10 🕑 🛛 😓 2 😳 - 14 🕑 🛛 💭 2 😳 - 8 🕑 🛼 814 901 685 878 921 901 (70 m²) (53,5 m²) (73.5 m²) 12 . . t p t .





Canyon bridge - RO700 » RO702





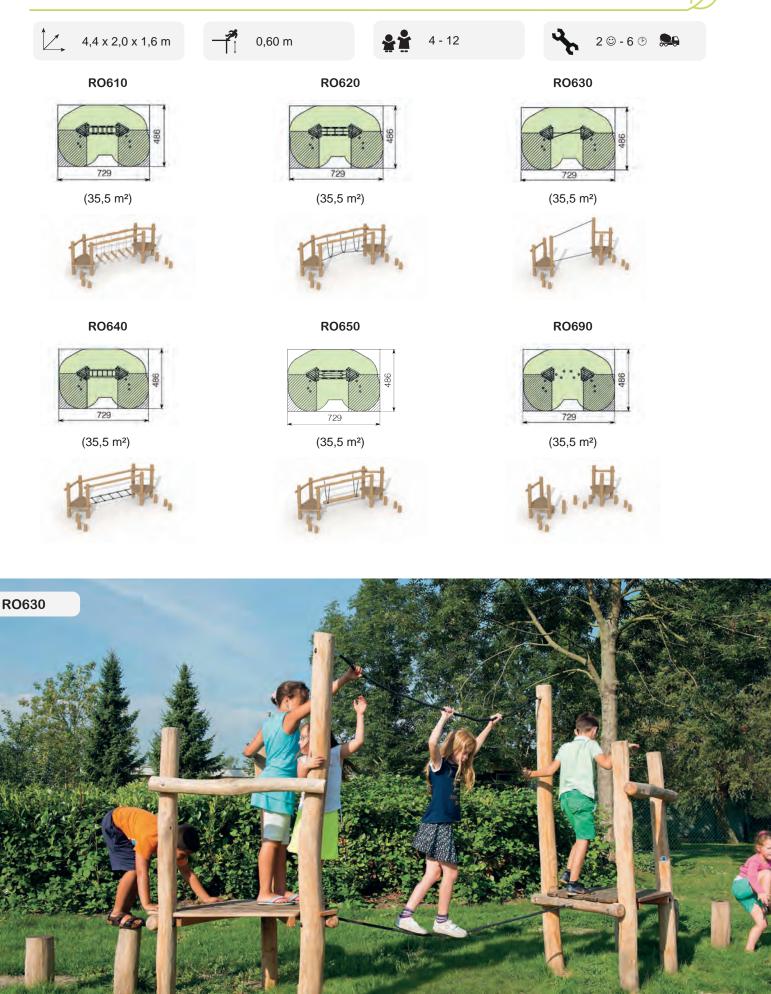


AGILITY TRAILS



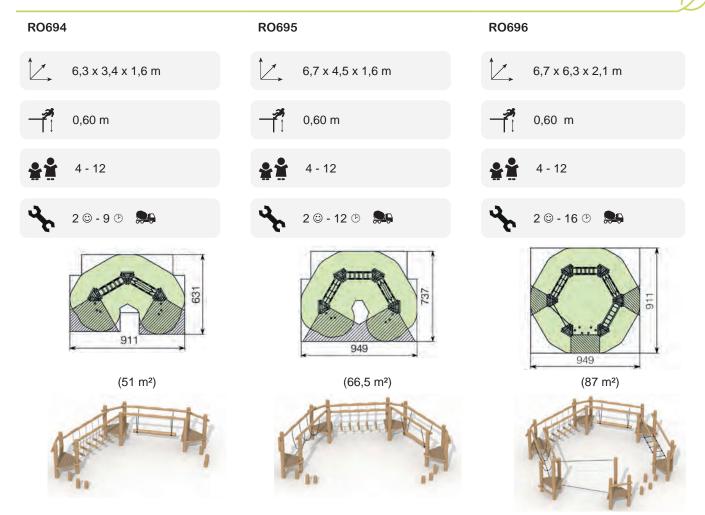








Agility trail - RO694 » RO696

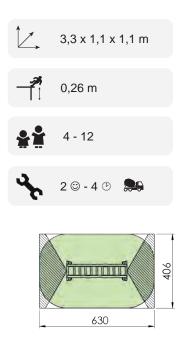


RO694





Wobbly chainbridge - RO360





Can be combined with step posts: RO916 - Length 0,8m - Ø 14-16cm RO926 - Length 1,0m - Ø 14-16cm

(26 m²)



"To encourage playful interactions between parents, caregivers and children, governments and other stakeholders need to create an enabling environment"

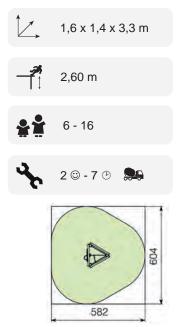
- Unicef

CLIMBING UNITS





Climbing tower - RO205



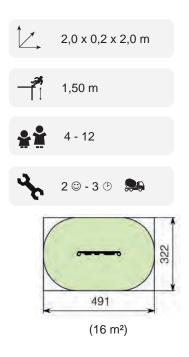
(35,5 m²)



Ø

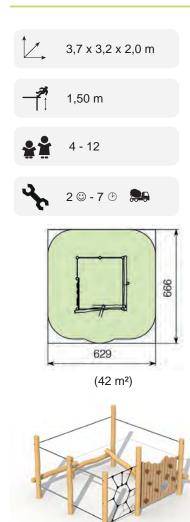


Monkey wall - RO286





Monkey cage - RO285







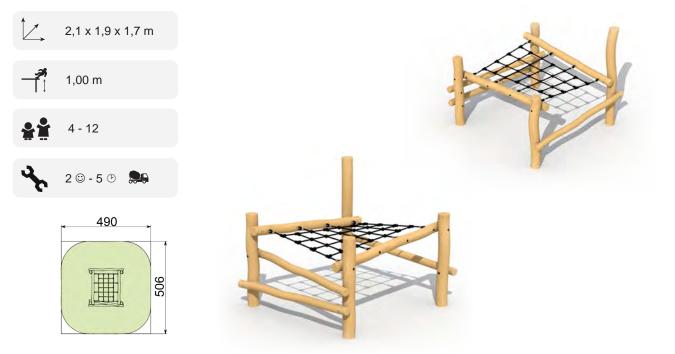
Swallow nest - RO284



(42,5 m²)



Stork's nest - RO280



Ø

(25 m²)







A wonderful fairyland for the little ones

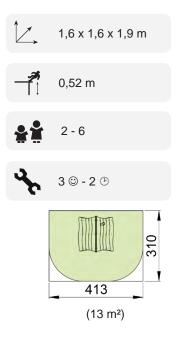


RO407A

The mini village series consists out of a combination of little houses, towers and several play possibilities

Lumberjacks hut - RO405 (A/B) » RO408 (A/B)







Incl. two benches and one table



RO407 (A/B) (with step posts)

RO408 (A/B) (with small terrace)



Lumberjacks hut with small swing - RO409



2 rubber seats L120 included



(31,5 m² loose soil material) (28 m² solid soil material)

A lumberjacks hut (ref. RO407) and a small robinia swing (ref. RO160) can be combined to 1 playground equipment (ref. RO409).



The accesories can be combined.





Cradle seat

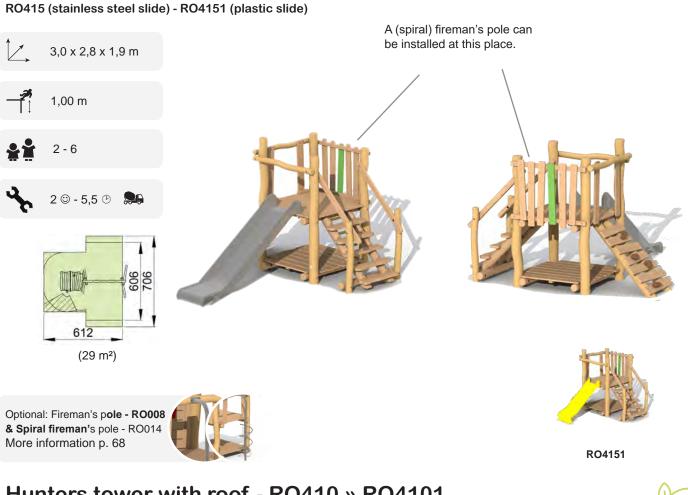


Ranger's cabin - RO406 » RO4061



<image>

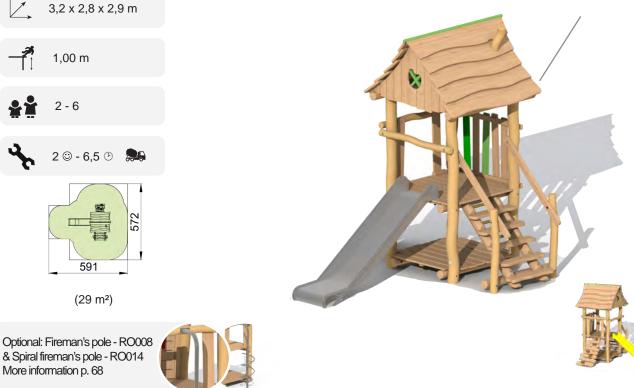
Hunters tower without roof - RO415 » RO4151



Hunters tower with roof - RO410 » RO4101

RO410 (stainless steel slide) - RO4101 (plastic slide)

A (spiral) fireman's pole can only be installed at this place.



Hunters tower with extension - RO412 » RO4121

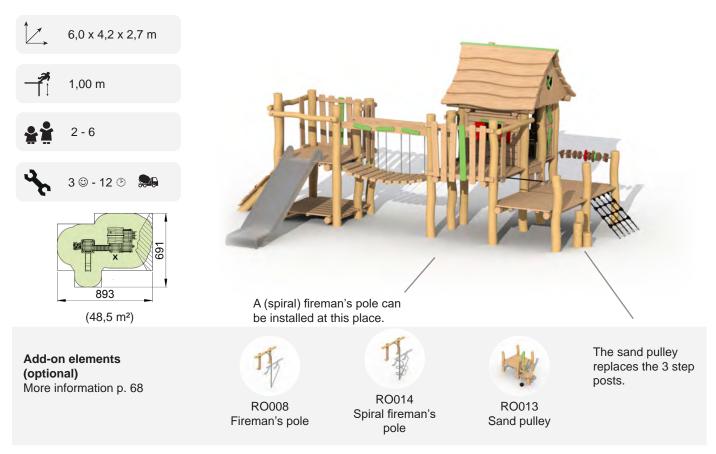


RO412 (stainless steel slide) - RO4121 (plastic slide)



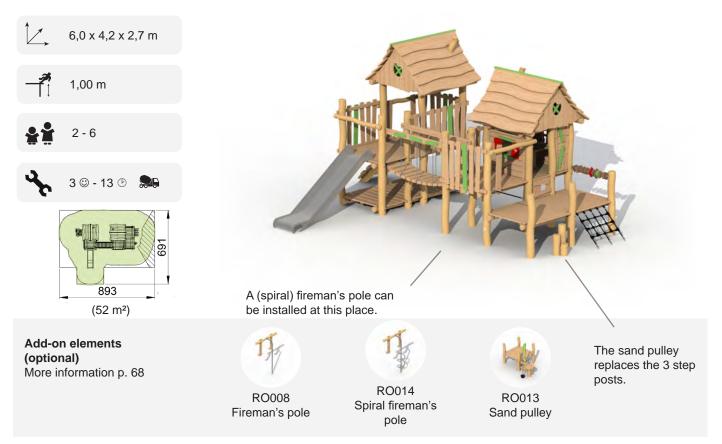


RO420 (stainless steel slide) - RO4201 (plastic slide)



Poachers forest with extension - RO425 » RO4251

RO425 (stainless steel slide) - RO4251 (plastic slide)



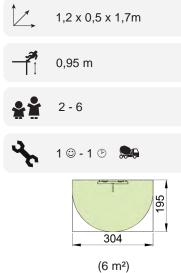


Ø

Optionally, 3 add-on elements can be added to the mini village:

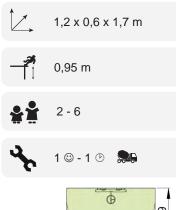
Fireman's pole - RO008

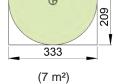




Spiral fireman's pole - RO014

















"Adding additional add-on elements creates many more play values"

Play value











Table with benches

Playhouse

Step posts

Abacus disk panel

Climbing wall





Slide



Climbing net



Wobbly bridge



Spiral/firemans's pole (optional)



Sand pulley (optional)



Optional: plastic slide

Following equipments can have a plastic slide instead of a stainless steel slide: - Hunters tower

Poachers forestRanger's cabin



CLIMBING TOWERS



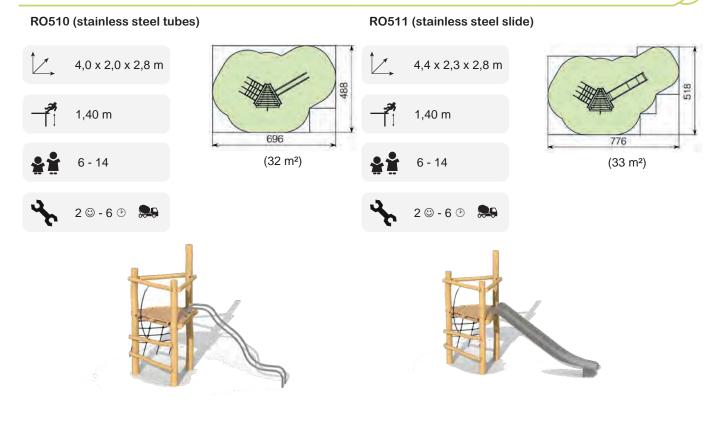
Experiencing nature in a challenging and creative way



RO532

A series of play towers with platforms for children aged 6 to 14

Play tower - RO510 » RO511

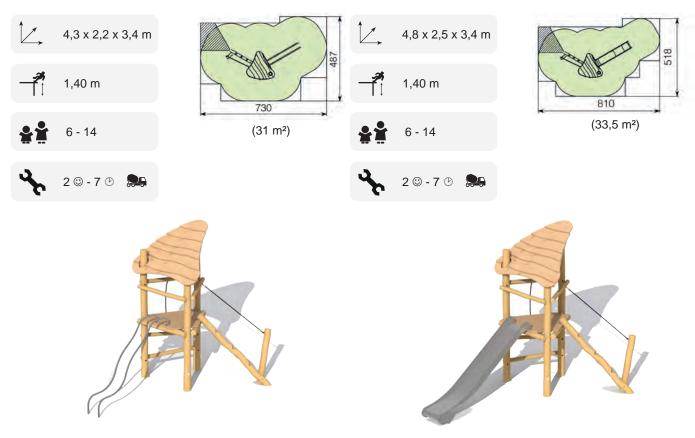


Play tower with roof - RO505 » RO506

Ø

RO505 (stainless steel tubes)

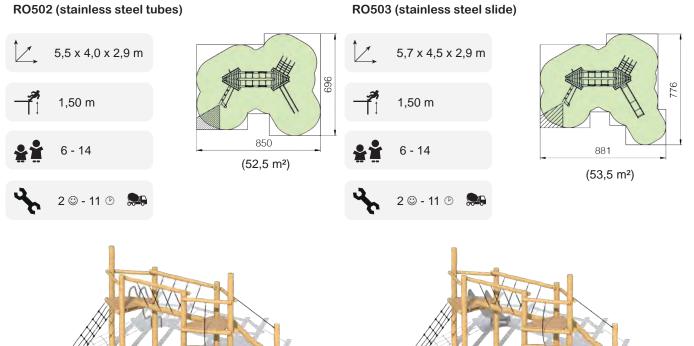
RO506 (stainless steel slide)





Beetle bridge - RO502 » RO503

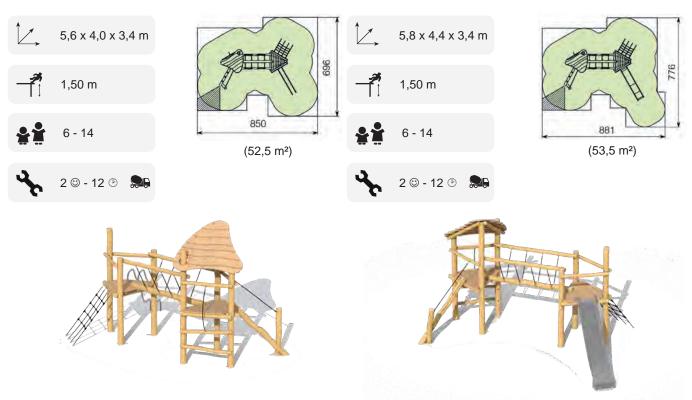
RO503 (stainless steel slide)



Beetle bridge with roof - RO500 » RO501

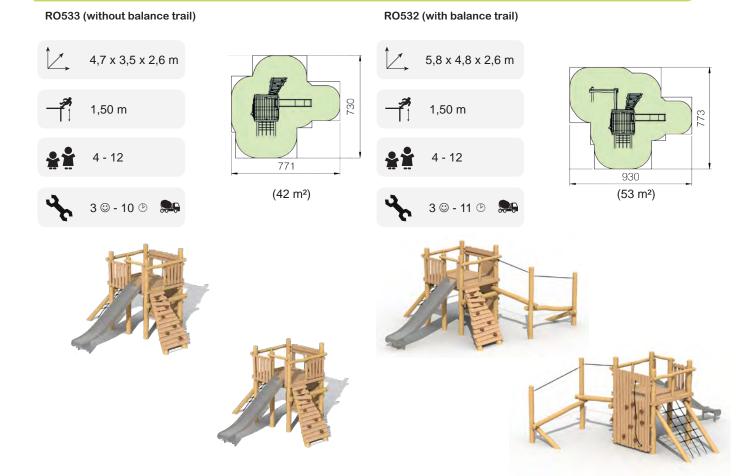
RO500 (stainless steel tubes)

RO501 (stainless steel slide)





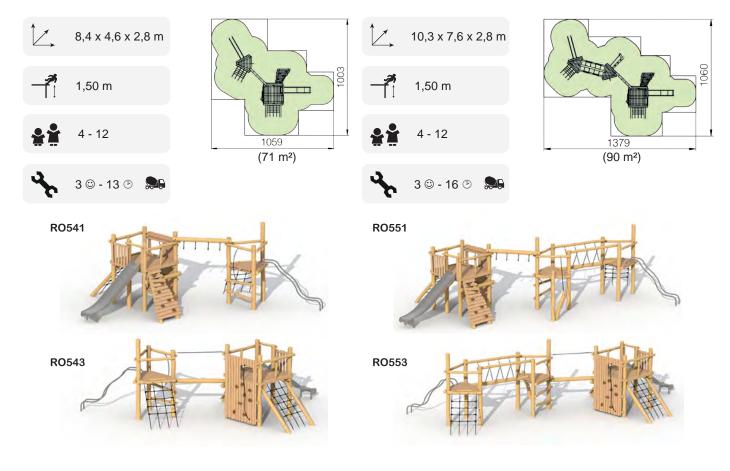
Magic tower - RO532 » RO553







RO541 (magic tower combination, with suspension loops) RO543 (magic tower combination, with balance trail) RO551 (maxi magic tower, with suspension loops) RO553 (maxi magic tower, with balance trail)



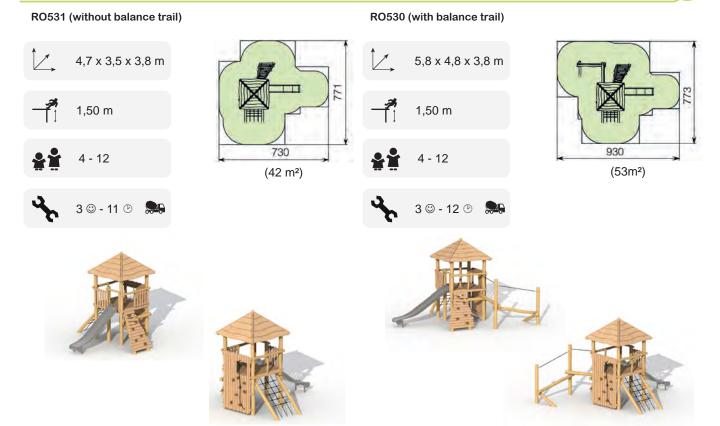




Inspired by nature



Magic tower with roof - RO530 » RO552



RO540 (magic tower combination with roof, with suspension-loops)

R0542 (magic tower combination with roof, with balance trail)

RO550 (maxi magic tower with roof, with suspension loops) RO552 (maxi magic tower with roof, with balance trail)

10,3 x 7,6 x 3,8 m

1,50 m

4 - 12



3 © - 17 ®

000

1379

(90 m²)

RO552

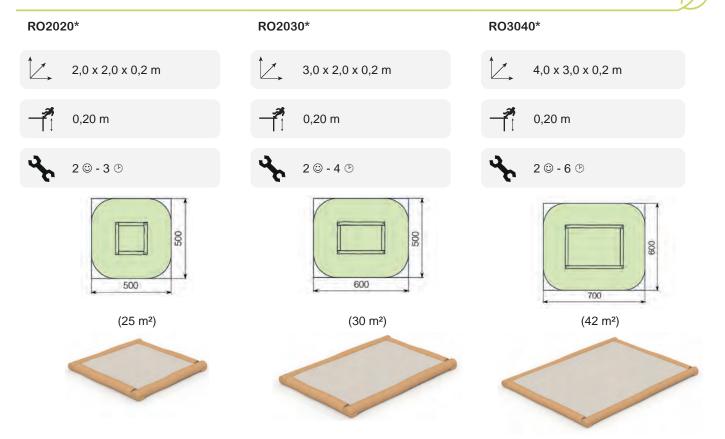








Sandbox - RO2020 » RO3040

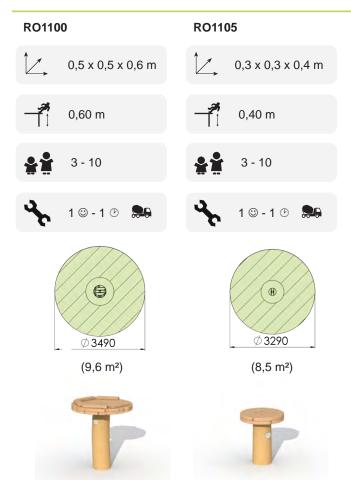


* Filter cloth included



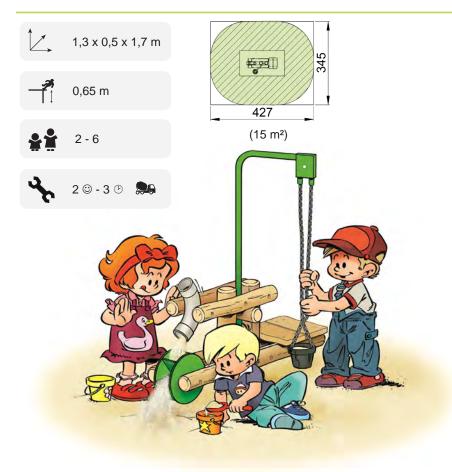
Children need the freedom and time to play. Play is not a luxury. Play is a necessity.

Playtable & little chair - RO1100 » RO1105



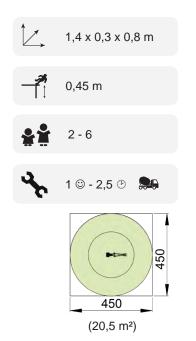


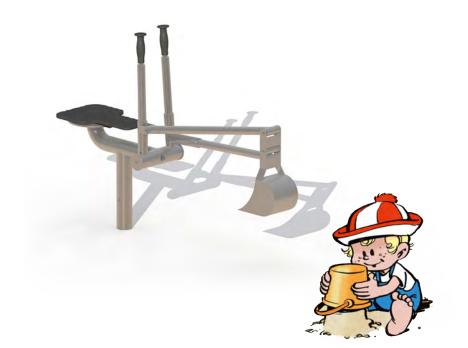
Sand corner - RO1200



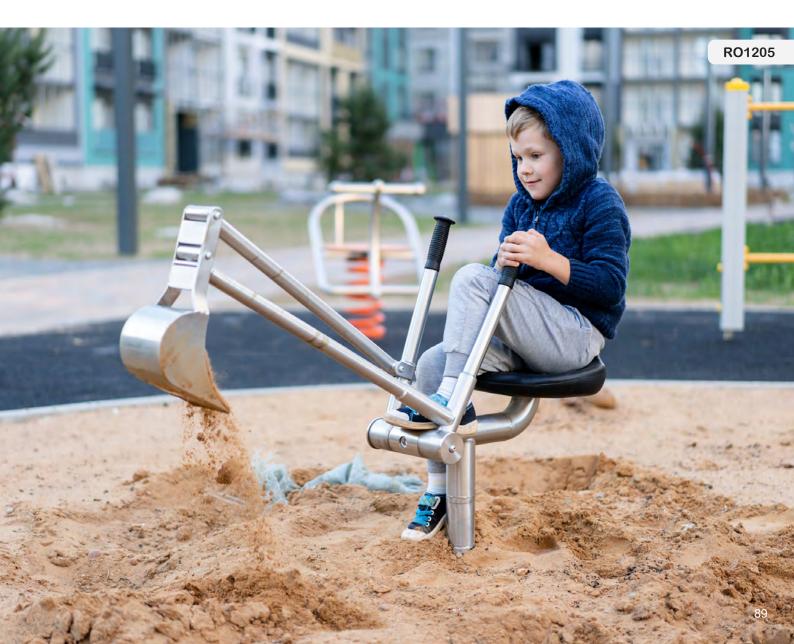


Sand digger - RO1205





Ø

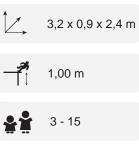




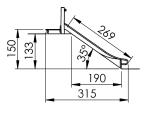


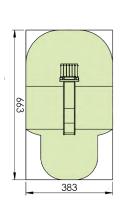
Hill slide with platform - RO005 » RO015



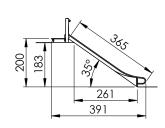












3,9 x 0,9 x 2,9 m

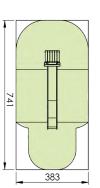
1,00 m

3 - 15

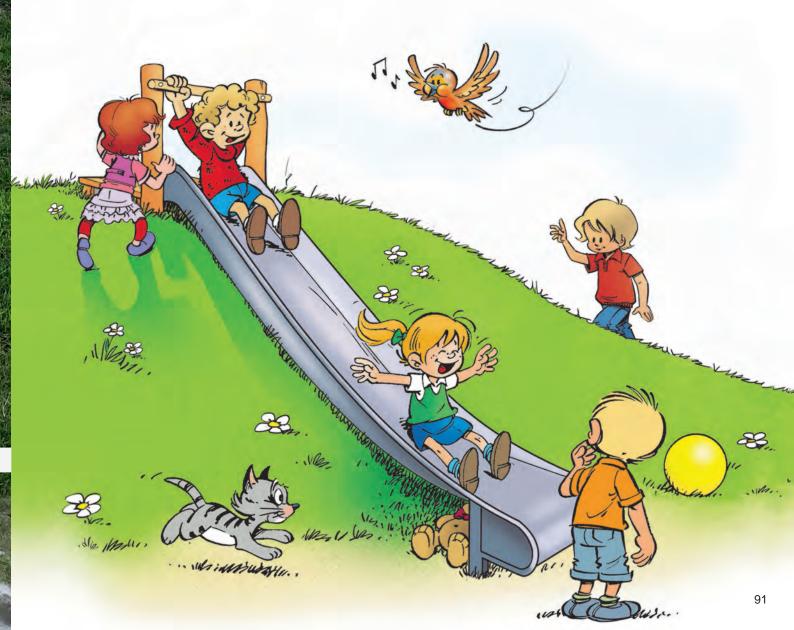
2 🙂 - 4 🕑

RO015

1



(31 m²)



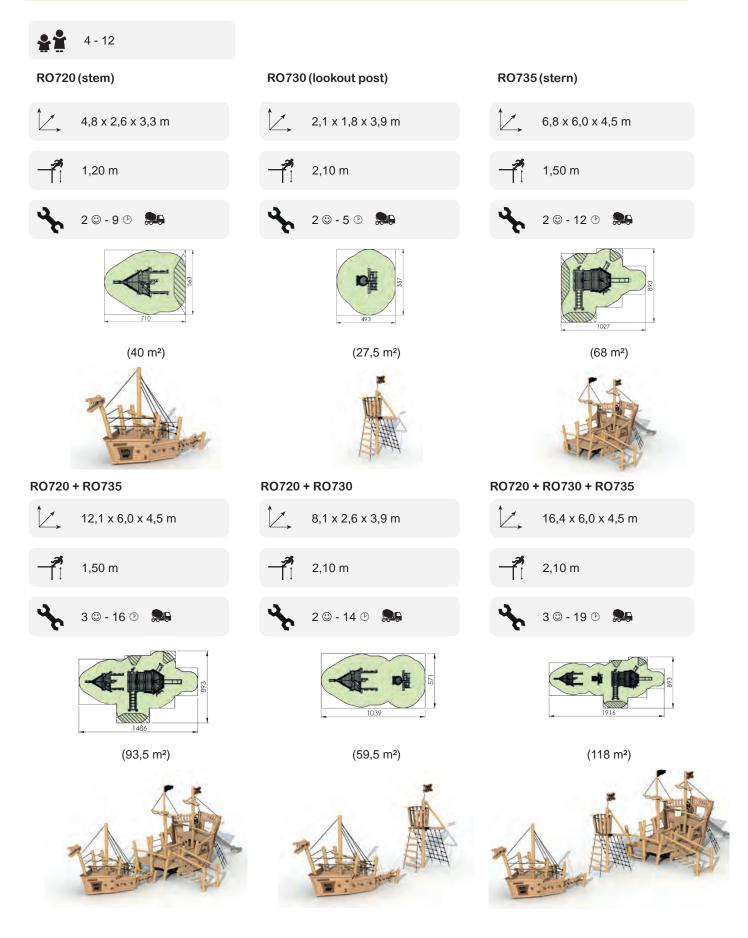




PIRATE SHIP 'ALBATROS'



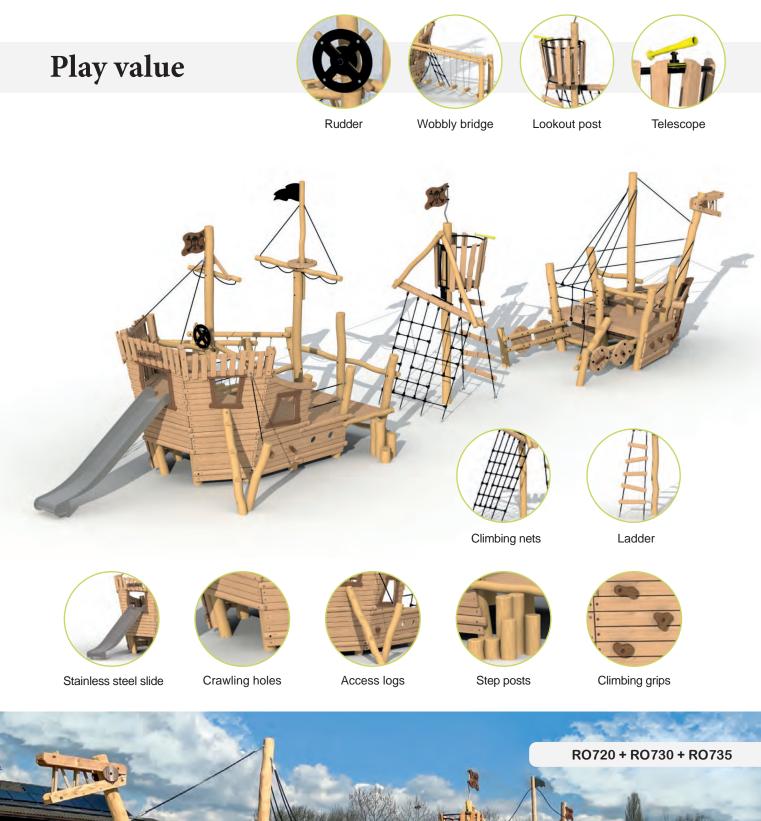




Imagination



Pirate ship 'Albatros' - RO720 + RO730 + RO735















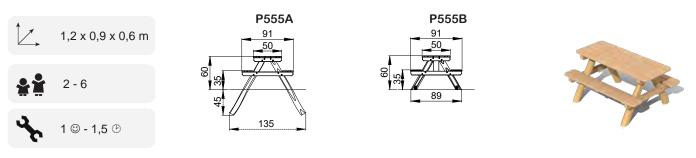
FURNITURE







Completely preassembled The freestanding models can be fixed to the ground.





Materials: - legs in robinia - boards in larch

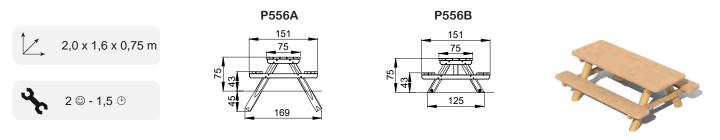
Dimensions: P555: board thickness 22 mm P556 and P557: board thickness 45 mm



Robinia picnic table - P556 (A/B)



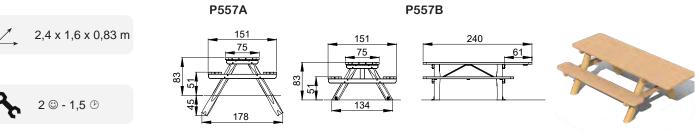
Completely preassembled



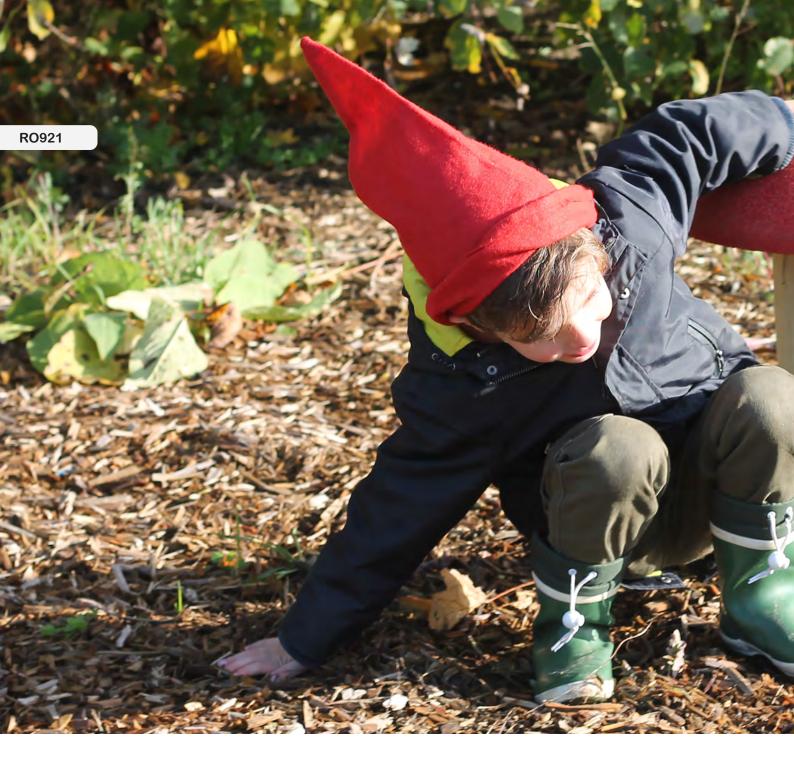
Robinia wheelchair-friendly picnic table - P557 (A/B)

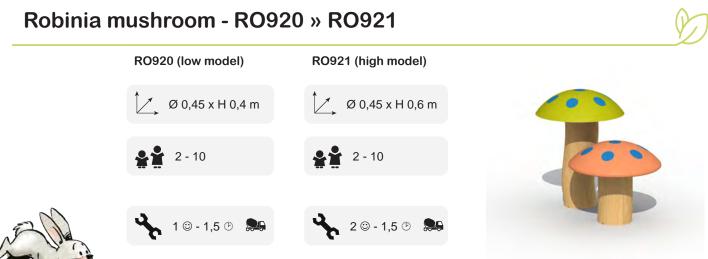


Completely preassembled











- Materials: coloured recycled rubber colours according to availability beam in robinia



INDIVIDUAL POSTS AND LOGS



Individual robinia posts



Unfinished: Without splinters but not sanded



Finished: Sanded and nicely finished



| Unfinished | Finished | Length | Diameter |
|------------------------------|----------|--------|----------|
| RO912 | RO912-1 | 80 cm | Ø 10-12 |
| RO914 | RO914-1 | | Ø 12-14 |
| RO916 | RO916-1 | | Ø 14-16 |
| RO918 | RO918-1 | | Ø 16-18 |
| | | | |
| RO922 | RO922-1 | 100 cm | Ø 10-12 |
| RO924 | RO924-1 | | Ø 12-14 |
| RO926 | RO926-1 | | Ø 14-16 |
| RO928 | RO928-1 | | Ø 16-18 |
| | | | |
| RO952 | RO952-1 | 200 cm | Ø 10-12 |
| RO954 | RO954-1 | | Ø 12-14 |
| RO956 | RO956-1 | | Ø 14-16 |
| RO958 | RO958-1 | | Ø 16-18 |
| | | | |
| RO932 | RO932-1 | 250 cm | Ø 10-12 |
| RO934 | RO934-1 | | Ø 12-14 |
| RO936 | RO936-1 | | Ø 14-16 |
| RO938 | RO938-1 | | Ø 16-18 |
| D0044 | D00444 | | Q 40 44 |
| RO944 | RO944-1 | 300 cm | Ø 12-14 |
| RO946 | RO946-1 | | Ø 14-16 |
| RO948 | RO948-1 | | Ø 16-18 |
| RO964 | RO964-1 | | Ø 12-14 |
| RO966 | RO966-1 | 400 cm | Ø 14-16 |
| RO968 | RO968-1 | | Ø 16-18 |
| *other dimensions on request | | | |



Oak

Oak (class II) is a durable, stable type of wood that is only applied for round poles and square poles which come in direct contact with the ground.



Besides robinia, oak logs are used as decoration for a playground. They can be used creatively as a bench or a climbing element. Oak is a very durable wood species.

Each log is unique and has its own shape and appearance. Prices and dimensions are therefore always on request. The logs are supplied according to availability and like shown on the photos (on request). They are unprocessed, as harvested in the forest and not debarked. Note that the bark can loosen after some time. Complaints due to its irregular form, sawn-off branches, marks, sharp edges,... are considered as

unfounded. Trunks are not certified, which means that a risk analysis has to be carried out after installing.

Please note that when using the logs as a play(ground) element, it is necessary to round off the corners of the sharp edges.









Logs as a seating element



The seat surface and corners of a sitting log are additionally finished.

Throne – B100-1 Total length: 1,50m (50cm into the ground)

Sitting log – B100-2 » B100-4 Average diameter of 30 to 40 cm. Total length:

B100-2: 60 cm B100-3: 70 cm B100-4: 80 cm (40 cm into the ground)





Logs as a play element

Available from diameter 30cm until 60cm (depending on the available stock).







OUR 5 CORE VALUES:

Dedication to children's play

Passion for wood

Care for nature

Focus on the community

Enthusiasm for the craft

OUR GOAL:

Encouraging children to play happily and safely





Discover our range of creative playgrounds!

m

ans



Eco-Play is a range made by:

Europlay.

Copyright © Europlay 2023 V.U. Europlay NV - Eegene 9 - 9200 Dendermonde (Belgium) www.europlay.eu