



**ECO-play**<sup>®</sup> 

Natural playgrounds











## Natural playgrounds

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, willow huts 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 is a range made by:

**Europlay**<sup>®</sup>

EXPLORING THE WORLD OF PLAY





**“Nature as a source of inspiration”**










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## Explanation of symbols

 3,9 x 2,6 x 2,8 m	Length x width x height
 1,60 m	Fall height
 3 - 15	Age category
 2 ☺ - 6 🕒 	Number of persons ☺ - working hours 🕒 Concrete needed 🚚

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.

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# Product overview



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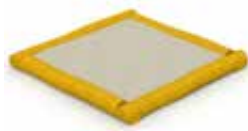
Magic tower combination (with roof)  
**REF. RO540** • p. 54



Maxi magic tower (with roof)  
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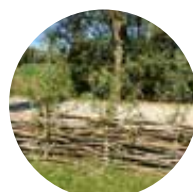
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## Our values

### 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.





## Eco-play - Natural playgrounds



Europlay, as a manufacturer of playground equipment for the public sector, started with Eco-play about 10 years ago. This is an ecological range made with a heart for nature.

This range is mainly made out of robinia, a durable wood species characterised by its natural curves and shapes. This adventurous play equipment fits perfectly in a green environment, with a combination of materials such as willow huts and oak trunks.

### Mission Eco-play

Eco-play manufactures natural playground equipment – for public use – designed to stimulate creative play.



### 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 has a safety certificate according to the European Standard EN1176-2017.



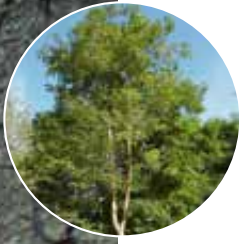


## Our efforts for the environment

**“Choosing for Eco-play,  
is choosing for a sustainable  
play environment”**







### **THE USE OF SUSTAINABLE WOOD**

The use of wood species like larch and robinia 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 the 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.



### **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

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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 Eco-Play playground equipment become a real jungle.

## The cycle of wood and forest

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- During the growth in the forest, wood offers a habitat for numerous plant and animal species.
- Wood is CO<sub>2</sub> neutral. It stores the CO<sub>2</sub> 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.





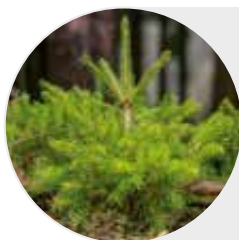






## Our efforts for society

Annually, at least 5 to 10% 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.



### PROJECTS IN INDIA

The company supports a school in Aladda, located in Orissa, one of the poorest states in the country. Europlay pays school fees and education for about fifty children.



### 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).



We work together with underprivileged students:



### 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.







Natural playgrounds









## Robinia playground equipment
















RO170

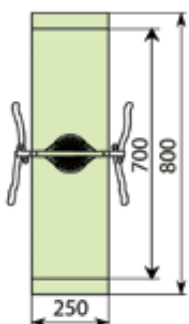


RO171



## Basket swing - RO170

-  3,9 x 2,6 x 2,8 m
-  1,60 m
-  3 - 15
-  2 ☺ - 5 ☹ 

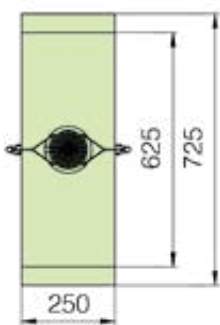


(20 m<sup>2</sup> loose soil material)  
(18 m<sup>2</sup> solid soil material)



## Hammock swing - RO171

-  3,7 x 1,2 x 2,5 m
-  1,50 m
-  3 - 15
-  2 ☺ - 4 ☹ 




(19 m<sup>2</sup> loose soil material)  
(16 m<sup>2</sup> solid soil material)







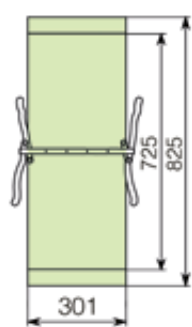
## Double swing - RO101

 3,9 x 2,6 x 2,8 m

 1,50 m

 4 - 15

 2 ☺ - 5 ☹ 




(25 m<sup>2</sup> loose soil material)  
(22 m<sup>2</sup> solid soil material)





## Hexagonal swing - RO150 » RO151

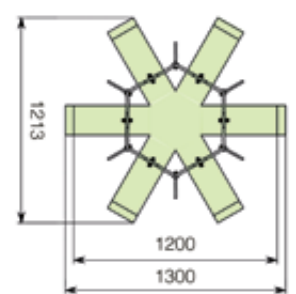
RO150 (tyre seats)

 8,4 x 8,4 x 2,6 m

 1,50 m


 4 - 15

 3 ☺ - 6 ☹ 



(61 m<sup>2</sup> loose soil material)  
(56 m<sup>2</sup> solid soil material)

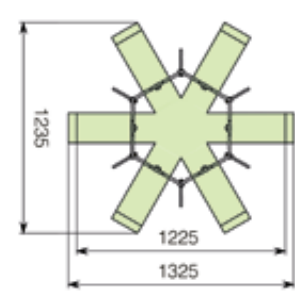
RO151 (rubber seats with brace)

 8,4 x 8,4 x 2,6 m

 1,40 m

 4 - 15

 3 ☺ - 6 ☹ 



(61 m<sup>2</sup> loose soil material)  
(57 m<sup>2</sup> solid soil material)







RO101 (on request with safety cradle seats)




Tyre seat




Rubber seat with brace



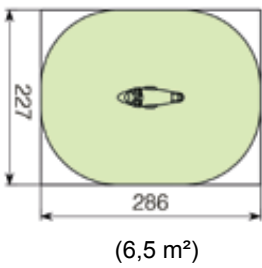
## Goldfish - RO200

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


 0,65 m


 2 - 6

 1 ☺ - 3 ☺



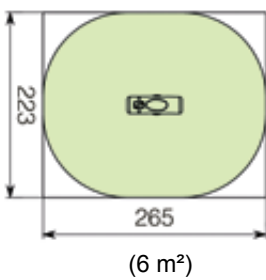
## Tree trunk - RO202

 0,7 x 0,3 x 0,8 m

 0,65 m


 2 - 6


 1 ☺ - 3 ☺






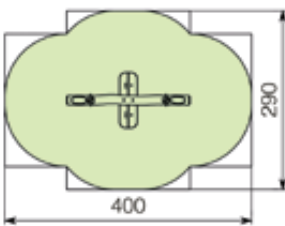
## Seesaw with springs - RO201

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

 0,95 m

 2 - 6

 2 ☹ - 3 ☺





(10,5 m<sup>2</sup>)





## Seesaw - RO302 » RO304

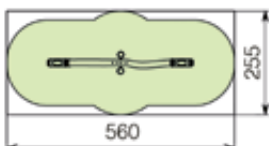
RO302 (2 persons)

 3,5 x 0,6 x 1,1 m

 0,95 m

 4 - 10


 2 ☹ - 4 ☺ 




(14,5 m<sup>2</sup>)




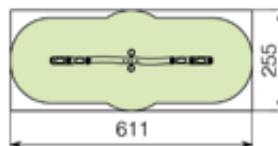
RO304 (4 persons)

 4,0 x 0,6 x 1,1 m

 0,95 m

 4 - 10

 2 ☹ - 4 ☺ 



(16 m<sup>2</sup>)







RO320

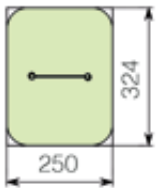
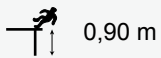
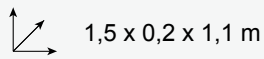


RO321

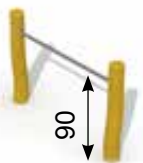


## Somersault - RO320 » RO322

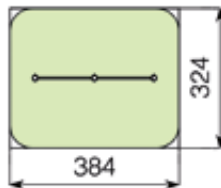
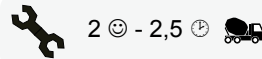
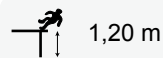
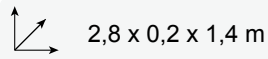
RO322 (one bar)



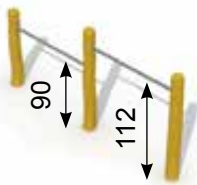
(8,5 m<sup>2</sup>)



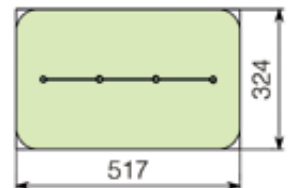
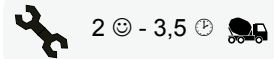
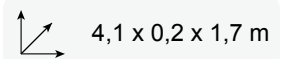
RO320 (two bars)



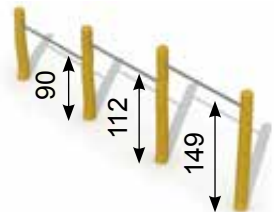
(12,5 m<sup>2</sup>)



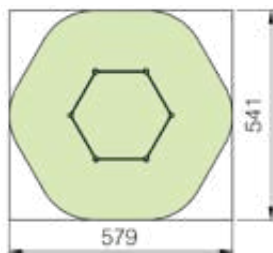
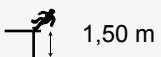
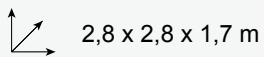
RO321 (three bars)



(17 m<sup>2</sup>)



## Hexagonal somersault - RO323








(31,5 m<sup>2</sup>)

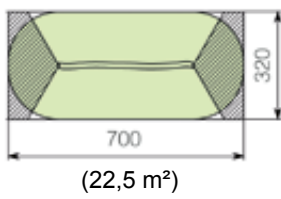









# Balance beam - RO330 » RO332

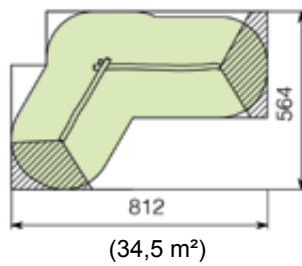
RO330

 4,0 x 0,2 x 0,3 m  
 0,25 m  
 6 - 12  
 2 ☺ - 2 ☺ 








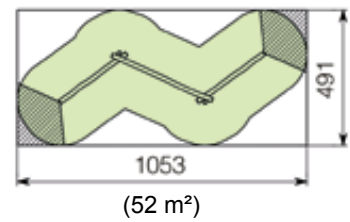
RO331

 5,6 x 2,6 x 0,5 m  
 0,45 m  
 6 - 12  
 2 ☺ - 3 ☺ 



RO332

 7,5 x 1,9 x 0,5 m  
 0,45 m  
 6 - 12  
 2 ☺ - 4 ☺ 






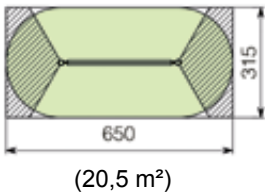
RO330










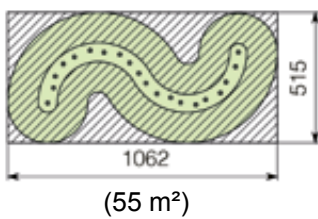
## Twist and shout - RO335

-  3,6 x 0,2 x 1,7 m
-  0,30 m
-  4 - 12
-  2 ☺ - 4 ☺ 



## Balance trail - RO680

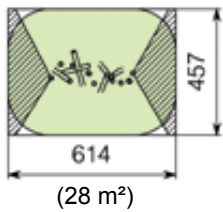
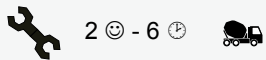
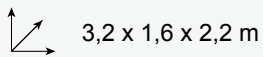
-  7,7 x 2,3 x 0,4 m
-  0,40 m
-  4 - 12
-  2 ☺ - 6 ☺ 



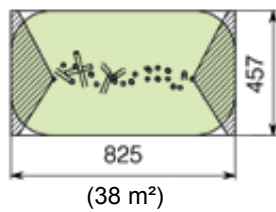
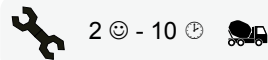
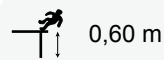
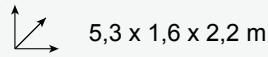


## Jungle - RO815 » RO835

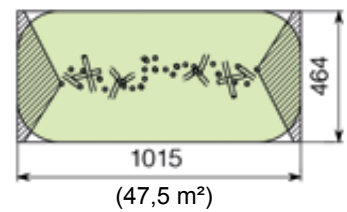
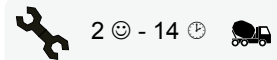
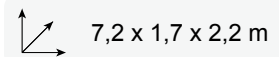
RO815 (15 posts)



RO825 (25 posts)



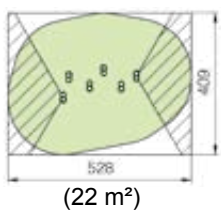
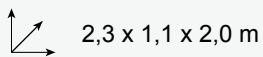
RO835 (35 posts)



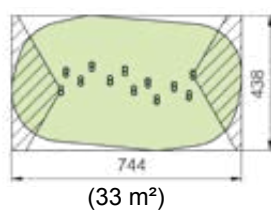
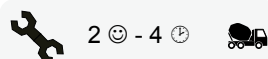
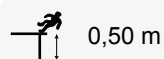
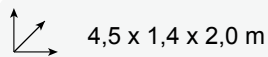
A jungle consists of several long and short beams of equal or different thicknesses and offers a wide range of possibilities to create a natural trail.

## Path of stilts - RO860 » RO862

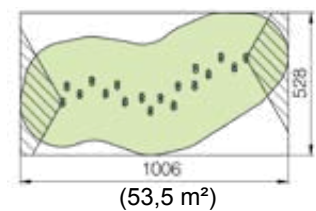
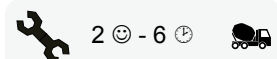
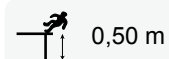
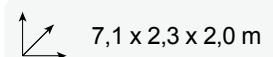
RO860 (6 posts)



RO861 (12 posts)



RO862 (18 posts)







R0815




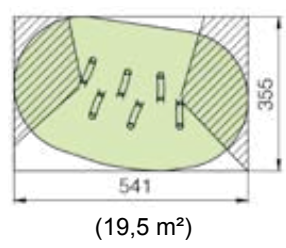
R0835








# The scissors - RO850 » RO852

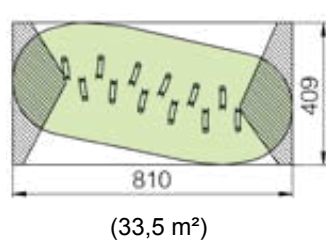
RO850 (6 posts)

 2,5 x 1,7 x 1,2 m  
 0,25 m  
 6 - 12  
 2 ☺ - 3 ☺ 








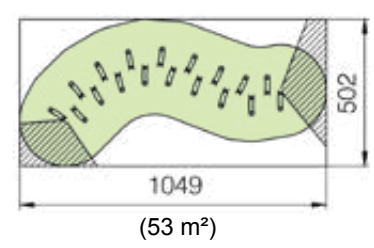
RO851 (12 posts)

 5,2 x 2,3 x 1,2 m  
 0,25 m  
 6 - 12  
 2 ☺ - 6 ☺ 



RO852 (18 posts)

 8,0 x 2,6 x 1,2 m  
 0,25 m  
 6 - 12  
 2 ☺ - 8 ☺ 



RO852



# Robinia aerial runway - RO343 » RO345

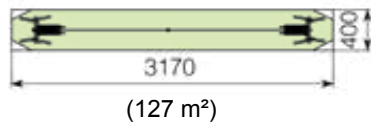
30,3 x 4,0 x 2,9 m

1,50 m

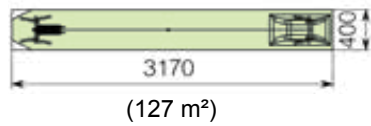
6 - 15

3 ☺ - 9 / 9,5 / 10 ⌚ 🚲

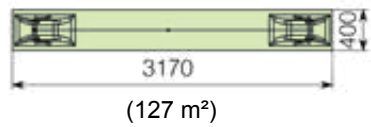
RO343 (with 2 platforms)



RO344 (with 1 platform)



RO345 (without platforms)



	FLAT SURFACE (the seat stops slightly past the middle)	SLOPING SURFACE (the seat reaches the other side)
<b>RO343</b> (2 platforms)		✗
<b>RO344*</b> (1 platform)		
<b>RO345*</b> (without platforms)		


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



RO343




# Agility trail - RO610 » RO690

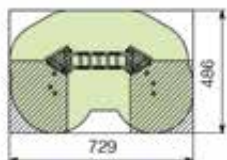
 4,4 x 2,0 x 1,6 m

 0,60 m

 4 - 12

 2 ☺ - 6 ☺ 

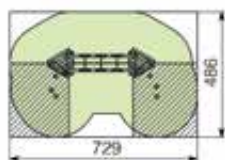
RO610



(35,5 m<sup>2</sup>)



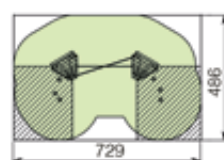
RO620



(35,5 m<sup>2</sup>)



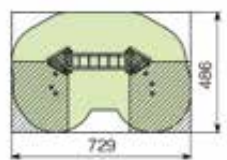
RO630



(35,5 m<sup>2</sup>)



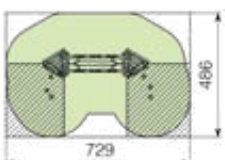
RO640



(35,5 m<sup>2</sup>)



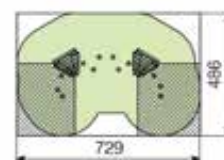
RO650



(35,5 m<sup>2</sup>)



RO690



(35,5 m<sup>2</sup>)



RO630







RO620



RO650








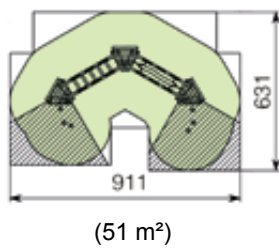
RO640








# Agility trail combinations - RO694 » RO696

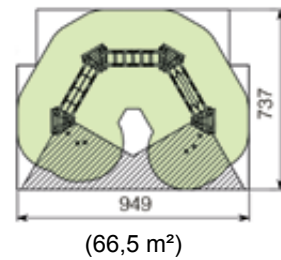
RO694

 6,3 x 3,4 x 1,6 m  
 0,60 m  
 4 - 12  
 2 ☺ - 9 ☹ 








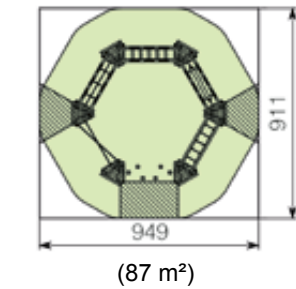
RO695

 6,7 x 4,5 x 1,6 m  
 0,60 m  
 4 - 12  
 2 ☺ - 12 ☹ 



RO696

 6,7 x 6,3 x 2,1 m  
 0,60 m  
 4 - 12  
 2 ☺ - 16 ☹ 



RO694







RO694



RO696




RO696



# Jungle trail - RO750 » RO770

RO750






 5,7 x 3,7 x 1,8 m  
 0,60 m  
 4 - 12  
 2 ☺ - 8 ☺ 

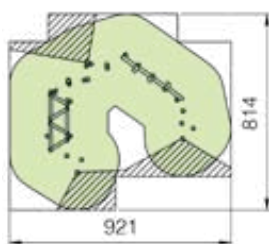


(53,5 m<sup>2</sup>)



RO770

 6,3 x 5,1 x 1,8 m  
 0,60 m  
 4 - 12  
 2 ☺ - 10 ☺ 

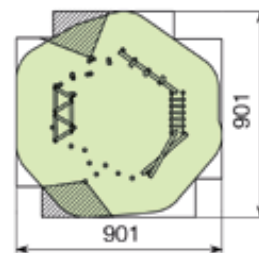


(64 m<sup>2</sup>)



RO760

 6,0 x 5,9 x 1,8 m  
 0,60 m  
 4 - 12  
 2 ☺ - 14 ☺ 



(73,5 m<sup>2</sup>)



RO760







RO750



RO760




RO760







# Canyon bridge - RO700 » RO702

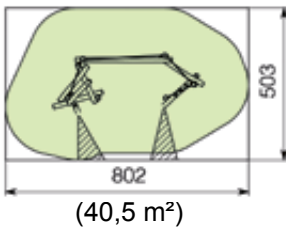
RO700

 5,0 x 2,1 x 2,5 m


 1,50 m


 4 - 12

 2 ☺ - 10 ☺ 




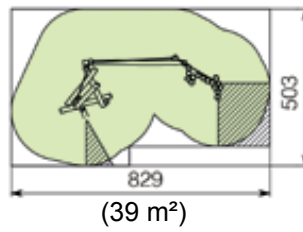
RO701

 5,5 x 2,1 x 2,5 m


 1,50 m


 4 - 12

 2 ☺ - 10 ☺ 





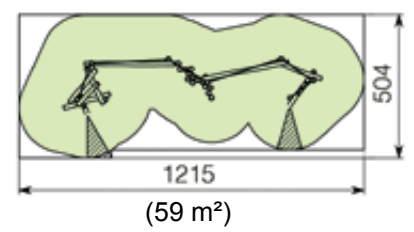
RO702

 9,2 x 2,2 x 2,5 m

 1,50 m

 4 - 12

 2 ☺ - 13 ☺ 



RO702







R0701




R0701





R0701



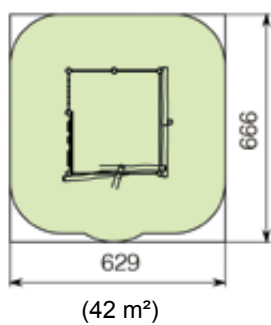
# Monkey cage - RO285

 3,7 x 3,2 x 2,0 m

 1,50 m

 4 - 12

 2 ☺ - 7 ☺ 








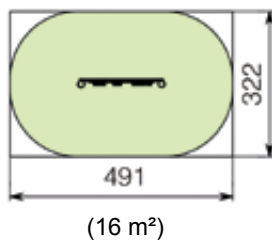
RO285










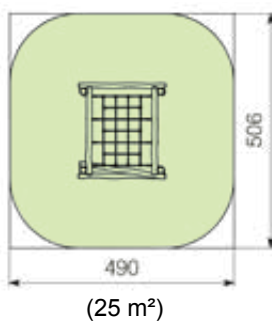
## Monkey wall - RO286

-  2,0 x 0,2 x 2,0 m
-  1,50 m
-  4 - 12
-  2 ☺ - 3 ☺ 




## Stork's nest - RO280


-  2,1 x 1,9 x 1,7 m
-  1,10 m
-  4 - 12
-  2 ☺ - 5 ☺ 





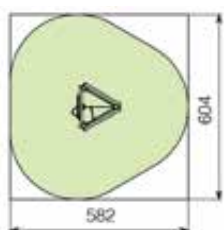
# Climbing tower - RO205

 1,6 x 1,5 x 3,3 m

 2,60 m

 6 - 16

 2 ☹ - 7 ☺ 



(35,5 m<sup>2</sup>)






# Hill slide and platform - RO005 » RO015

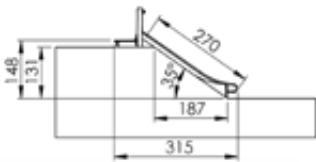
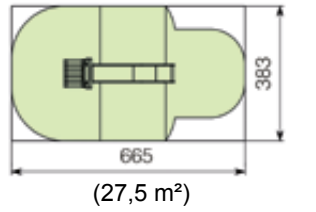
RO005

2,6 x 0,9 x 2,3 m

0,20 m

3 - 15

2 ☺ - 4 ☹ 




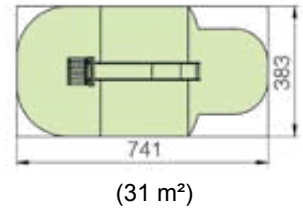
RO015

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

0,20 m

3 - 15

2 ☺ - 4 ☹ 




RO005

\*Border not fully compliant with the safety area





## Play tower - RO510 » RO511

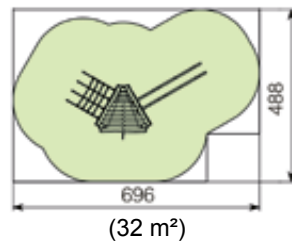
RO510 (stainless steel tubes)

 4,0 x 2,0 x 2,8 m


 1,40 m


 6 - 14

 2 ☺ - 6 ⌚ 





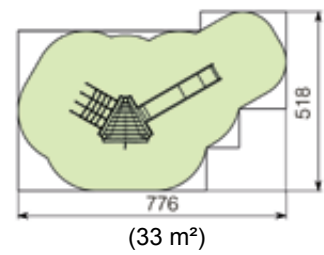
RO511 (stainless steel slide)

 4,4 x 2,0 x 2,8 m

 1,40 m


 6 - 14


 2 ☺ - 6 ⌚ 





## Play tower with roof - RO505 » RO506

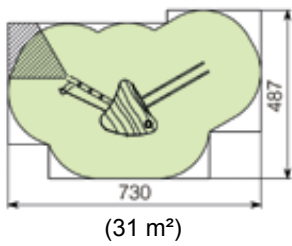
RO505 (stainless steel tubes)

 4,3 x 2,0 x 3,4 m


 1,40 m

 6 - 14

 2 ☺ - 7 ⌚ 



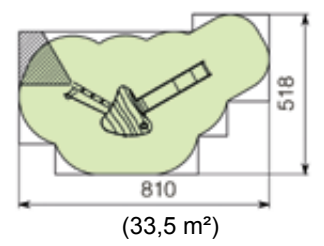
RO506 (stainless steel slide)

 4,8 x 2,5 x 3,4 m

 1,40 m

 6 - 14

 2 ☺ - 7 ⌚ 











RO501



RO500



## Beetle bridge (without roof) - RO502 » RO503

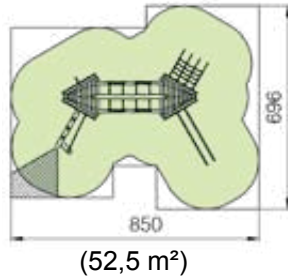
RO502 (stainless steel tubes)

5,5 x 4,0 x 2,9 m

1,50 m

6 - 14

2 ☺ - 11 ☺ 🚛



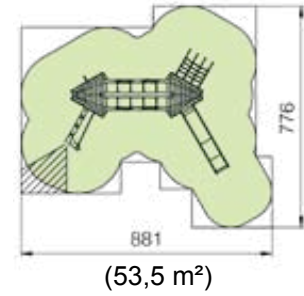
RO503 (stainless steel slide)

5,8 x 4,4 x 2,9 m

1,50 m

6 - 14

2 ☺ - 11 ☺ 🚛



## Beetle bridge (with roof) - RO500 » RO501

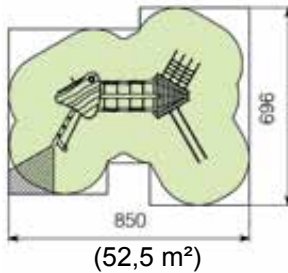
RO500 (stainless steel tubes)

5,5 x 4,0 x 3,4 m

1,50 m

6 - 14

2 ☺ - 12 ☺ 🚛



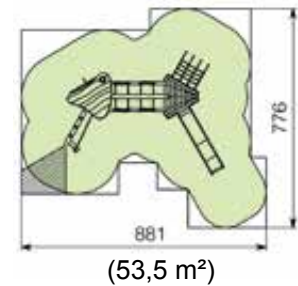
RO501 (stainless steel slide)

5,8 x 4,4 x 3,4 m

1,50 m

6 - 14

2 ☺ - 12 ☺ 🚛








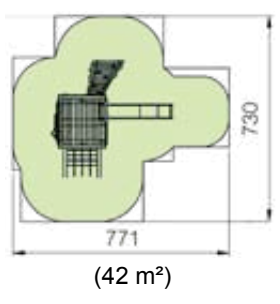


# Magic tower (without roof)




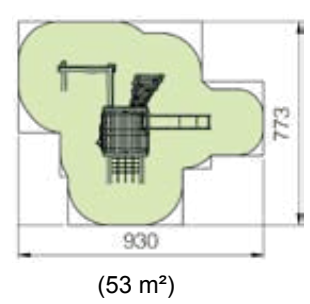
RO533 (without balance trail, without roof)

-  4,4 x 4,2 x 2,6 m
-  1,50 m
-  4 - 12
-  3 ☺ - 10 ☺ 



RO532 (with balance trail, without roof)

-  5,8 x 4,8 x 2,6 m
-  1,50 m
-  4 - 12
-  3 ☺ - 11 ☺ 







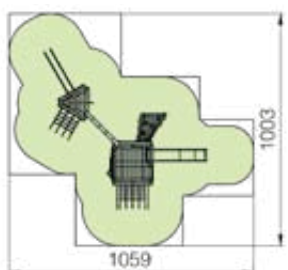
**RO541 (magic tower combination, without roof)**

7,1 x 7,0 x 2,8 m

1,50 m

4 - 12

3 ☺ - 13 ☹



(71 m<sup>2</sup>)

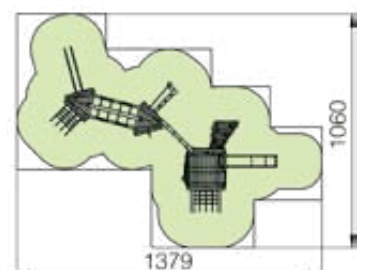
**RO551 (maxi magic tower, without roof)**

10,3 x 7,5 x 2,8 m

1,50 m

4 - 12

3 ☺ - 16 ☹



(90 m<sup>2</sup>)














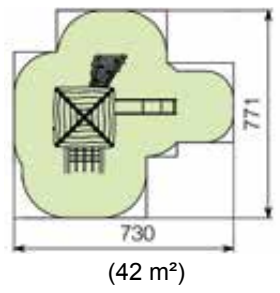




# Magic tower (with roof)

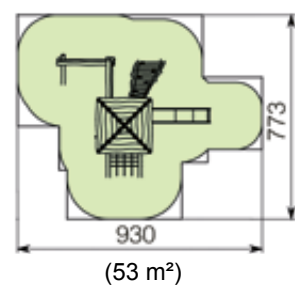
RO531 (without balance trail)

 4,6 x 4,3 x 3,8 m  
 1,50 m  
 4 - 12  
 3 ☺ - 11 ☺ 








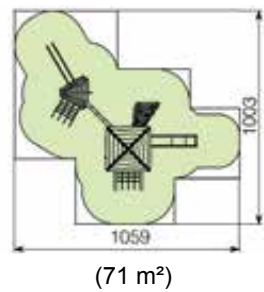
RO530 (with balance trail)

 5,8 x 4,8 x 3,8 m  
 1,50 m  
 4 - 12  
 3 ☺ - 12 ☺ 





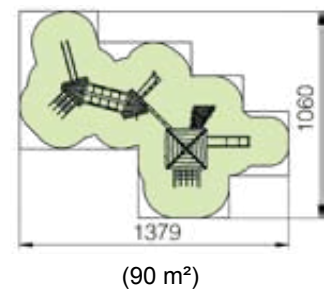
RO540 (magic tower combination)

 7,1 x 7,0 x 3,8 m  
 1,50 m  
 4 - 12  
 3 ☺ - 14 ☺ 



RO550 (maxi magic tower)

 10,3 x 7,5 x 3,8 m  
 1,50 m  
 4 - 12  
 3 ☺ - 17 ☺ 





RO540



RO530




RO540








# Candy house - RO400 (A/B)

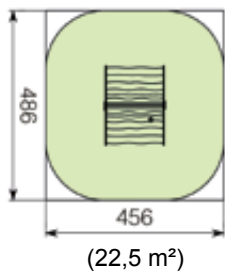
Including a bench and table

 2,0 x 1,6 x 2,3 m

 0,15 m

 2 - 8

 4 ☺ - 2 ☹ 



Completely preassembled











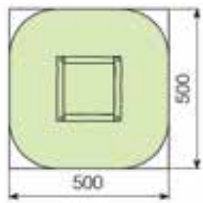
# Sandbox - RO2020 » RO3040

RO2020\*

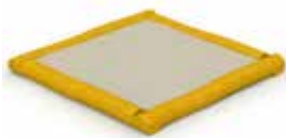
 2,0 x 2,0 x 0,2 m

 0,20 m


 2 ☺ - 3 ⌚





(25 m<sup>2</sup>)

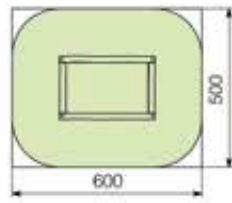


RO2030\*

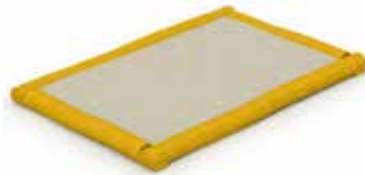
 3,0 x 2,0 x 0,2 m

 0,20 m


 2 ☺ - 4 ⌚





(30 m<sup>2</sup>)

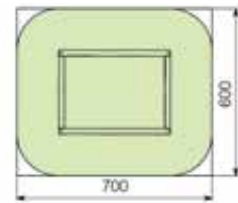


RO3040\*

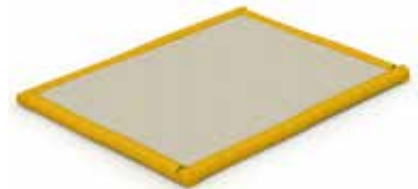
 4,0 x 3,0 x 0,2 m

 0,20 m

 2 ☺ - 6 ⌚



(42 m<sup>2</sup>)



\*Filter cloth included





## Individual robinia posts



80 cm  
**RO914** (Ø 12-14)  
**RO916** (Ø 14-16)  
**RO918** (Ø 16-18)



100 cm  
**RO924** (Ø 12-14)  
**RO926** (Ø 14-16)  
**RO928** (Ø 16-18)



250 cm  
**RO934** (Ø 12-14)  
**RO936** (Ø 14-16)  
**RO938** (Ø 16-18)




300 cm  
**RO944** (Ø 12-14)  
**RO946** (Ø 14-16)  
**RO948** (Ø 16-18)

These posts are delivered without splint but they aren't sanded. They don't have a safety certificate

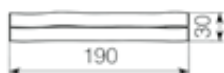


## Furniture - P550 » P551


### P550 (bench)

 1,9 x 0,3 x 0,5 m

 2 ☉ - 1,5 ☉



### P551 (table)

 1,9 x 0,6 x 0,8 m

 2 ☉ - 2 ☉





## Logs in oak









## Oak logs & tree discs - B500 » B501

Besides robinia, oak logs are used as decoration for a playground. They can be used creatively as a bench or a climbing element. Oak and chestnut are 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.*



B500







B501



B501







## Willow huts and fences





## Willow hut, tunnel & tipi

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A willow hut, tunnel or tipi is the ideal addition to a green playground. The original aspect about these willow branches is that they live and grow. When they are planted into the ground, they start to root and get leaves in the spring. Living branches are only available from the beginning of December to the end of February. This is in line with the planting season. Willow only grows in sunny places, so do not place them in the shadow.\*

We sell willow branches of 4 to 4.5m long, in bundles of 20 pieces (ref. W001). The branches are two years old and are coming from plantations.

Do you want to get started on building a willow hut, tunnel or tipi yourself? We have a step-by-step plan available, feel free to ask. This is the ideal project to realise together with the students or children from the neighbourhood!



Willow branches on the field

*\*We want to emphasize that we can't give any guarantee that the branches will actually grow. This depends on too many factors over which we have no control.*







**Willow hut**  
4 bundles of  
20 pieces needed



**Tipi 1**  
2 bundles of  
20 pieces needed



**Tipi 2**  
1 bundle of  
20 pieces needed



# Willow fence - O110

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Dimensions and prices on request!

**Willow fence**  
After 1 year



**Willow fence**  
After 2 years





## Fence in robinia - O120

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Dimensions and prices  
on request!



## Fence in chestnut wood - O130

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Dimensions and prices  
on request!





# Eco-Mulch woodchips

According to the EN1177, each piece of equipment with a fall height of 60 cm or more requires a shock-absorbing surface.

On busy play areas, a soft lawn turns into a pool of mud in the event of wet weather or a layer of hard soil in the event of drought. Eco-Mulch woodchips are the perfect solution and addition to a green playground. Not only for their quality and natural appearance, but especially as an example of a circular economy without residual waste.

## 100% cradle to cradle

The process starts with the supply of containers with waste pallets and other wood. The pallets and wooden crates of good quality are put aside and reused (e.g. for the transport of goods). The rest of the wood is shredded into fine wood chips. The way of breaking and the size of the chips avoid splinters and give an enormous spring type effect.

A large sieve separates the wood dust from the chips. All metal parts, such as nails, are carefully removed by heavy magnets. The wood dust can serve as chicken bedding.

Afterwards that bedding can also be processed as biofuel. A raw material that you can reuse up to three times!

## Sustainable use of natural materials

Wood chips are the ideal, natural soil for playgrounds. Over time, the wood is composing (lifespan around 4 to 5 years). Afterwards, the remaining residue can be spread on the site as a soil improver.

## From waste to resource

Together we strive to use products and raw materials without any kind of residual waste. Eco-Mulch wood chips are the perfect example! The waste wood can be collected locally and thus the transport time and the environmental impact remain very limited.



A natural shock-absorbing underground for green playgrounds





# Types of wood used in Eco-play\*

Eco-play playground equipment is largely made of robinia, the most durable European wood species. We occasionally use larch wood – also very durable - in combination with robinia for above ground play components. Robinia is characterised by its natural curves and deformations, so we prefer using straight larch boards (e.g. for platforms) to avoid future inconveniences.

The loose tree trunks are in oak. A very durable type of wood whereby ground contact is not a problem.

## Robinia

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

### DESIGN

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.



### 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.



## 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.



## 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.



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





## ROPES

Europlay's ropes and net constructions are made of vandalism resistant steel cables. These consist of an interweaving of thin galvanised steel wires. This construction ensures rope flexibility and resistance against heavy overload and pulling force.

The galvanised steel wires are eventually covered by polypropylene. This cover makes grabbing easier and gives a comfortable feeling in children's hands.

Ropes and nets are offered in the color black, because this fits best with the natural look of the playground equipment.





\*Border not fully compliant with safety area



## METAL

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

Stainless steel components offer a high durability and protection against corrosion, as well as an everlasting good look.

All metal materials are 100% recyclable.







# Safety and warranty

## 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

### 2 years

- on structural failures of components due to manufacturing errors

### Warranty on playground equipment near water

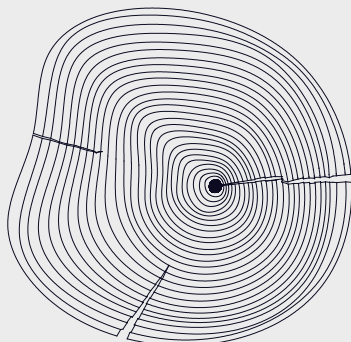
The usual warranty on metal corrosion doesn't apply to components placed in coastal areas, i.e. less than 5 km from the coast.

### 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 Eco-play), on equipment that hasn't been maintained correctly (according to the maintenance prescriptions provided by Eco-play), 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 and willow branches.

## 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.

\*The extensive conditions of warranty are available on request.



