

Playground Equipment Novelties 2022



www.novum4kids.com

Visit us at the Toy Fair!

Preparations for the Spielwarenmesse 2023 fair are already in full swing! We can't wait to finally meet you in person.



If you are going to this extraordinary event in Nuremberg and you would like to arrange meetings with the NOVUM TEAM, please contact us!



Nürnberg 1. - 5. Feb 2023



COMING SOON

We are currently preparing a new furniture and foam catalog 2023 for you.

The valid full range of NOVUM indoor equipment can be found or our new website indoor.

novum4kids.com

Are you planning an investment? Do you have any questions?

Do you want to start cooperation?

Do not hesitate to contact us!

phone: +48 (89) 621-21-12, e-mail: export@novumgrom.com

Meet our Team



If you have any questions our experts will answer them!



Sylwia Marmucka
International Sale in German
Export Manager

+48 501 281 827
sylwia.marmucka@novumgrom.com



Karol Pruchniewski
International Sale in English

+48 512 298 609 karol.pruchniewski@novumgrom.com

Sebastian Kacprzak
International Sale in English

+48 504 439 065 sebastian.kacprzak@novumgrom.com



Elwira Iwańska
International Sale in English

+48 504 439 120 elwira.iwanska@novumgrom.com



Anna **Zaniewska**

+48 506 067 930 anna.zaniewska@novumgrom.com



Justyna **Bojko** nternational Sale in German

+48 512 485 621
justyna.bojko@novumgrom.com



NOVUM - General warranty:

10
years

polyethylene plastics).

The UV resistance is limited depending on the severity of the solar radiation and temperature. Above warranty period applies to the West European Countries with a temperate climate zone. In other cases the warranty is 5 years.

3 vears

Steel poles, wood and gluelaminated poles, galvanized structural parts, beams and platform frames, metal parts with painted top layer, other stainless steel and aluminum parts. 2

Springs, polypropylene ropes and net constructions, movable metal and plastic parts, steel ropes, chains, polypropylene tunnels and slides, metal slides, concrete elements, other plastic parts, other wooden elements.

1

year

Rubber and rubber coated parts, nets and ropes in sport products, textile elements, fiberglass parts.

THE WARRANTY DOES NOT APPLY TO:

- 1. Damages resulting from the acts of vandalism, misuse or excessive strain.
- 2. If the product is assembled and/or installed in a manner contrary to NOVUM instructions.
- 3. If the purchaser has not performed and documented inspection and maintenance as directed in NOVUM playground instruction of use and handling (available on request).
- 4. All required maintenance must be carried out promptly and regularly over the life of the product.
- 5. For normal wear and tear, fading, discoloration.
- 6. Cosmetic issues from surface corrosion, scratches, dents.
- 7. Natural changes in wood (f.ex. cracks caused by changes in temperature and humidity).
- 8. If the product is being used or installed together with products not approved by NOVUM.
- 9. If the buyer does not inform the NOVUM or an authorized representative of a defect within 2 months from the moment when it was or should have been noticed.
- 10. The surface finish on metal components installed in structures within 500 meters from the seashore or chlorinated water in that cases is half of the standard warranty period.

 11. Loses of the paint coating in places of intensive used (f.ex footrests, handrails, ramps, stairs).

During the warranty period, NOVUM will within a reasonable time and in its sole discretion, repair or replace defective products. Parts to be exchanged or repaired will be sent to the buyer in the shortest possible time. Upon request, defective or non-conforming parts must be returned to NOVUM. The warranty of any replaced product or part there of shall remain valid until the end of the warranty period of the original product or part.

Authorized distributor is responsible for handling complaints on its territory. Purchaser must send warranty claims, with all necessary documents, including the invoice, location details, photos and description of the defect. In addition, the customer/distributor must, upon request, present NOVUM with a copy of documents indicating how inspection and maintenance procedures have been conducted. If the complaint is accepted, the replacement part will be sent to the buyer or the distributor for an approved address at NOVUM's discretion. If a dispute arises concerning the warranty, it shall be finally settled by arbitration in Poland at a location determined by NOVUM. All warranty periods begin on the date of NOVUM' invoice. We reserve the right to make design and structural changes in our products without notice. In warranty issues, please get in touch with your contact person.

Playground instruction of use and handling

A. Playground inspection

According to the European Standard PN-EN-1176-1 on purpose of increasing children safety at the playground area NOVUM recommends that the owner of playground should apply to the following instruction.

1. Regular inspection

The purpose of this inspection is to find an obvious danger that can be a result of vandalism, devastation caused by weather conditions or littering the playground with e.g. broken bottles. The control ought to be arranged at least once a week or more depending on intensity of use, kind of vandalism, age of playground equipment and used materials.

2. Functional inspection -

Functional inspection is more detailed and aims to check functionality and stability of playground devices especially regarding its use. Inspection ought to be done once in a quarter. The subjects of inspection are: cleanness, clearance between device and ground surface, surface condition, expose foundations, sharp edges, lack of structural elements, damage of moving parts, playground compactness.

- 3. Annual basic control

This inspection must be arranged at least once a year and evaluate an overall safety level of playground equipment, foundation and surface condition, an impact of weather conditions, traces of decomposition and corrosion and also changes in the safety level as the result of already made repairs. The result of annual base inspection must be described in the checking list (according to below form) and stored together with other documentary belonging to the same playground set.

If any of above inspections revealed serious defects threaten the safety of users Novum recommends to promptly remove a danger or prevent its using to the time of repair.

All repairs must be noted in the inspection form.

During intensive use of playground devices its recommended to increase the frequency of control.

B. Handling and conservation

The regular devices and surface checks are recommended for children safety at the playground. They include the following steps:

- maintenance of open space around the playground devices
- filling up the lacks in the falling space
- removing the sharp objects
- equipment cleaning
- tightening and strengthening of devices
- lubrication of moving elements
- welds checking
- renovation of wooden elements by using approved paints in accordance to International Standards.

PLAYGROUNDS

In our rich offer everyone can ind something interesting: large or small devices, designed for toddlers and older, simple or fancy, referring to nature or screaming with colors, intended for fun and exercise







GREEN AREAS REVITALIZATION

Professional implementation of large investments such as revitalization and development of green areas (parks or squares). Well-equipped and functional public spaces are our specialty.

FITNESS DEVICES

Professional, durable and maintenance-free outdoor gym devices supporting the development of physical activity, available in two versions – mounted to the pylon and free-standing.

STREET WORKOUT DEVICES

A wide range of high-quality, solid devices for calisthenic exercises, i.e. based on training using your own body weight.



every stage of the inv

you can count on help and advice from our experienced team members. We help to suit the offer to the expectations, needs and capabilities of our customers. We prepare professional projects and visualizations of the entire investment and advice on both formal and technical issues for each project.



DOG'S PLAYGROUNDS

High-quality devices for arranging runs and playgrounds for pets. Dog's playground is an advantage of modern, energetic cities, housing estates designed with high ergonomics in mind.





made of extremely
durable acacia wood robinia, secured with a
colorless protective agent.



round stainless steel poles

- are mounted directly in
the ground. Each pole is
finished with unique cover
made of acacia wood -

Weatherproof
polypropylene ropes with
a steel core, with
a natural colour suiting
the whole collection

Stainless steel fittings

CHARACTERISTICS OF THE COLLECTION

Robinio

Stainless steel slides

Characteristic, bevelled





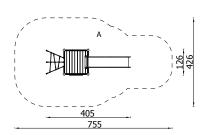
More devices from the
Robinio collection on
our website
www.novum4kids.com

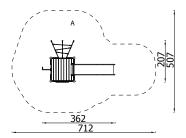
exclusive series of devices designed for very demanding users, which was met with great interest and positive reception from both customers in Poland and abroad. Interesting and difficult to overcome entrances, several climbing walls, requiring passages stimulate action, require planning of movements, and thus force children to overcome obstacles. Massive poles made of stainless steel, beautiful and durable acacia wood give this play line an unusual appearance and a prestigious character.

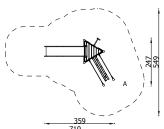


Play sets Robinio



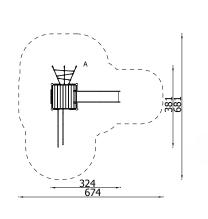




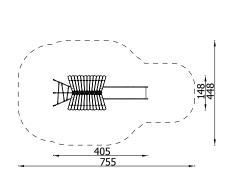


| Catalog number | Name | Age | Number of users | Maximum fall height | Total safe area zone | Device height | wood version | metal version |
|-------------------|-------------------|-----|--------------------|------------------------|-------------------------|------------------|-----------------|------------------|
| 18101 | Robinio 101 | 3+ | 6 | 1.2 m | 26 m² | 2,23 m | • | - |
| 18102 | Robinio 102 | 3+ | 7 | 1.2 m | 26.5 m² | 2,23 m | • | - |
| 18107 | Robinio Slide 107 | 3+ | 5 | 1.2 m | 25.5 m² | 2,23 m | • | - |

Robinio ·





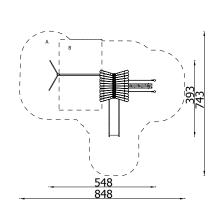




Are you looking for higher sets? Contact our Customer Service Office: +48 (89) 621–21–12



All wooden elements made of extremely durable acacia wood – robinia, secured with a colorless protective agent.





| Catalog number | Name | Age | Number of users | Maximum fall height | Total safe area zone | Device height | wood version | metal version |
|-------------------|-------------|-----|--------------------|------------------------|-------------------------|------------------|-----------------|------------------|
| 18103 | Robinio 103 | 3+ | 7 | 1.2 m | 30.5 m ² | 2,23 m | • | - |
| 18104 | Robinio 104 | 3+ | 6 | 1.2 m | 26.5 m² | 2,23 m | • | - |
| 18105 | Robinio 105 | 3+ | 9 | 1.92 m | 40 m² | 3,25 m | • | - |



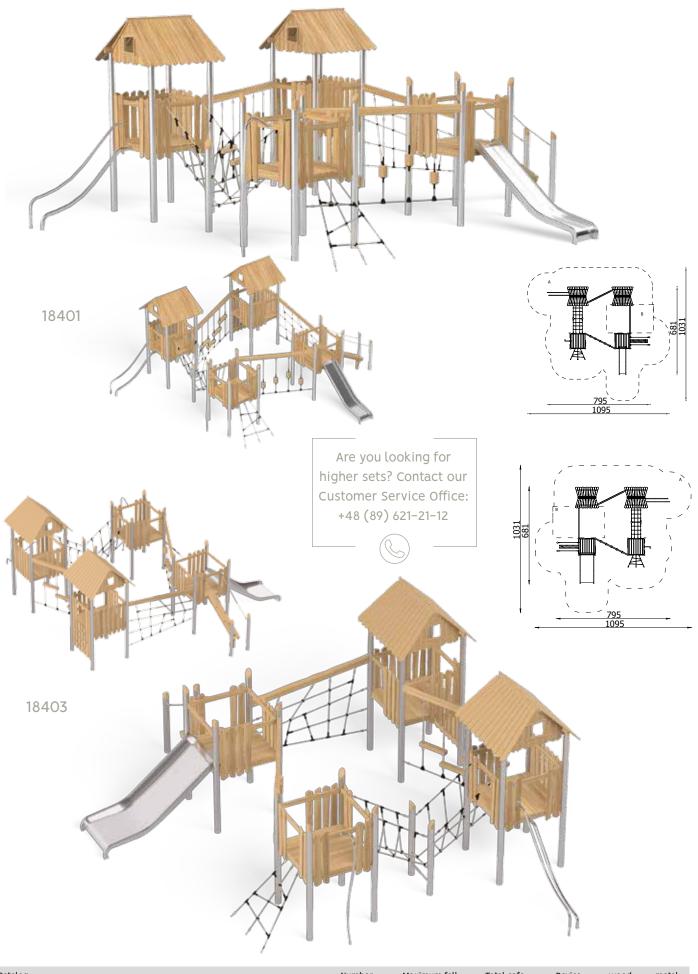


| Catalog number | Name | Age | Number of users | Maximum fall height | Total safe area zone | Device height | wood version | metal version |
|-------------------|-------------|-----|--------------------|------------------------|-------------------------|------------------|-----------------|------------------|
| 18201 | Robinio 201 | 3+ | 12 | 1.92 m | 46.5 m² | 3,25 m | • | - |
| 18202 | Robinio 202 | 3+ | 12 | 1.2 m | 46.5 m² | 3,25 m | • | - |

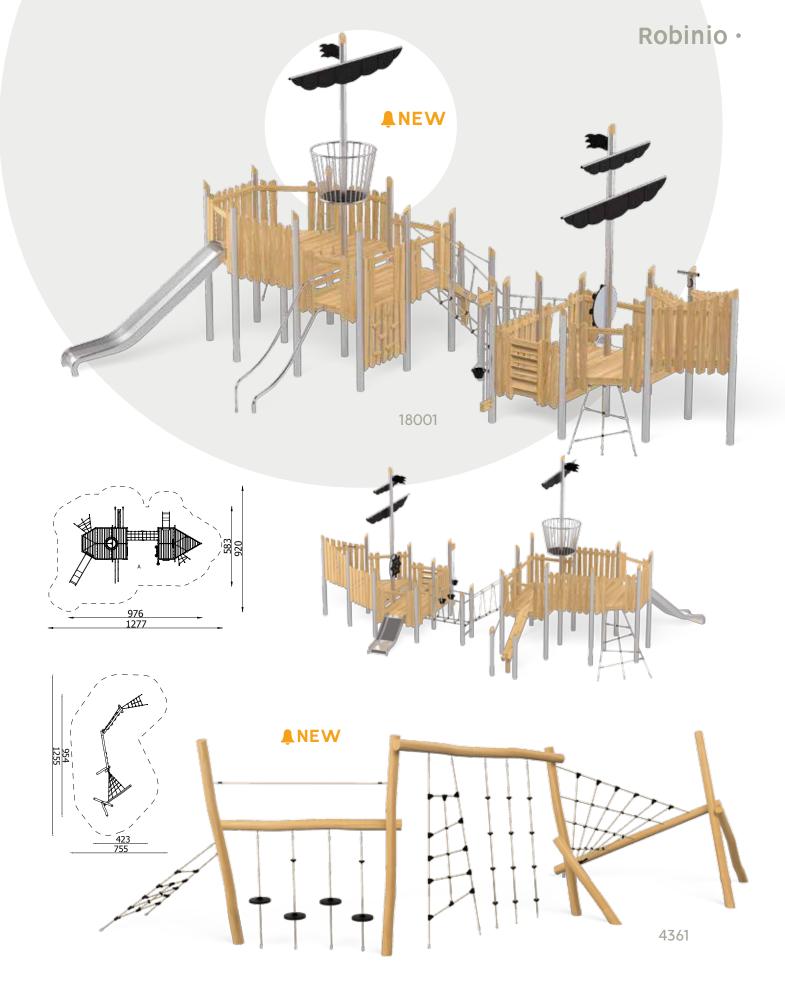




| Catalog number | Name | Age | Number of users | Maximum fall height | Total safe area zone | Device height | wood version | metal version |
|-------------------|-------------|-----|-----------------|------------------------|-------------------------|------------------|-----------------|------------------|
| 18301 | Robinio 301 | 1+ | 12 | 1 m | 30.5 m ² | 2,23 m | • | - |
| 18302 | Robinio 302 | 3+ | 19 | 1.2 m | 65.5 m² | 3,25 m | • | - |

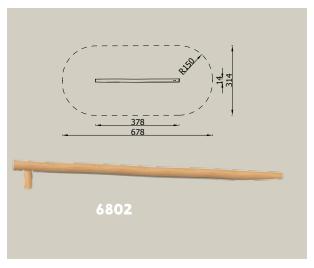


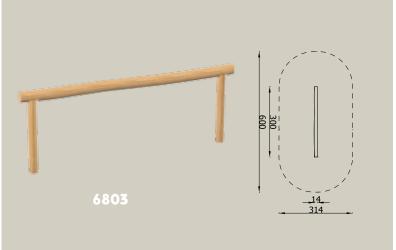
| Catalog number | Name | Age | Number of users | Maximum fall height | Total safe area zone | Device height | wood version | metal version |
|-------------------|-------------|-----|-----------------|------------------------|-------------------------|------------------|-----------------|------------------|
| 18401 | Robinio 401 | 3+ | 26 | 1.92 m | 78.5 m² | 3,25 m | • | - |
| 18403 | Robinio 403 | 3+ | 26 | 1.92 m | 79.5 m² | 3,25 m | • | - |



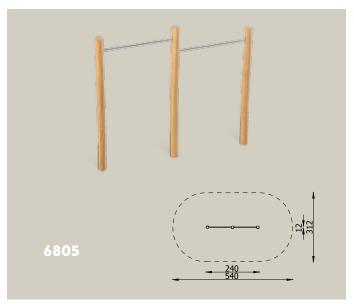
| Catalog number | Name | Age | Number of users | Maximum fall height | Total safe area zone | Device height | wood version | metal version |
|-------------------|----------------------|-----|-----------------|------------------------|-------------------------|------------------|-----------------|------------------|
| 18001 | Robinio ship | 0+ | 50 | 1.5 m | 83 m² | 4,73 m | • | - |
| 4361 | Fitness line Robinio | 3+ | 15 | 2,8 m | 70 m² | 2,8 m | • | - |

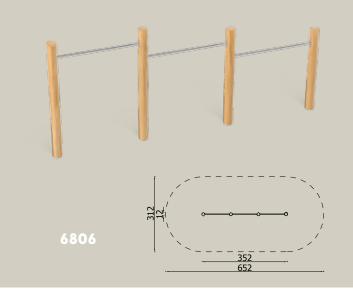
Novelty! Robinio fitness items







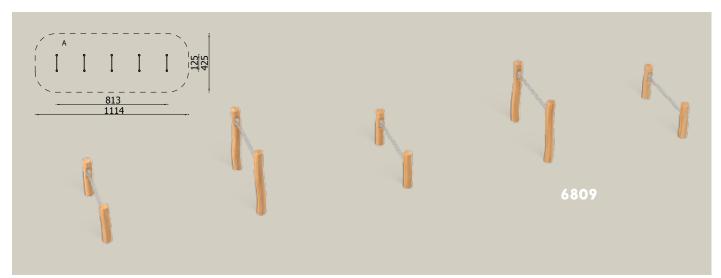




| Catalog number | Name | Age | Number of users | Maximum fall height | Total safe area zone | Device height | wood version | metal version |
|-------------------|-------------------------------|-----|-----------------|------------------------|-------------------------|------------------|-----------------|------------------|
| 6802 | Inclined balance beam Robinio | 3+ | 3 | 0.44 m | 18.5 m² | 0,44 m | • | - |
| 6803 | Balance beam Robinio | 3+ | 2 | 0.45 m | 17 m² | 0,45 m | • | - |
| 6804 | Triple balance beam Robinio | 3+ | 6 | 0.56 m | 33.7 m² | 0,56 m | • | - |
| 6805 | Double gymnastic bars Robinio | 3+ | 2 | 1.12 m | 15 m² | 1,6 m | • | - |
| 6806 | Triple gymnastic bars Robinio | 3+ | 3 | 1.42 m | 18.2 m² | 1,61 m | • | - |

Robinio ·

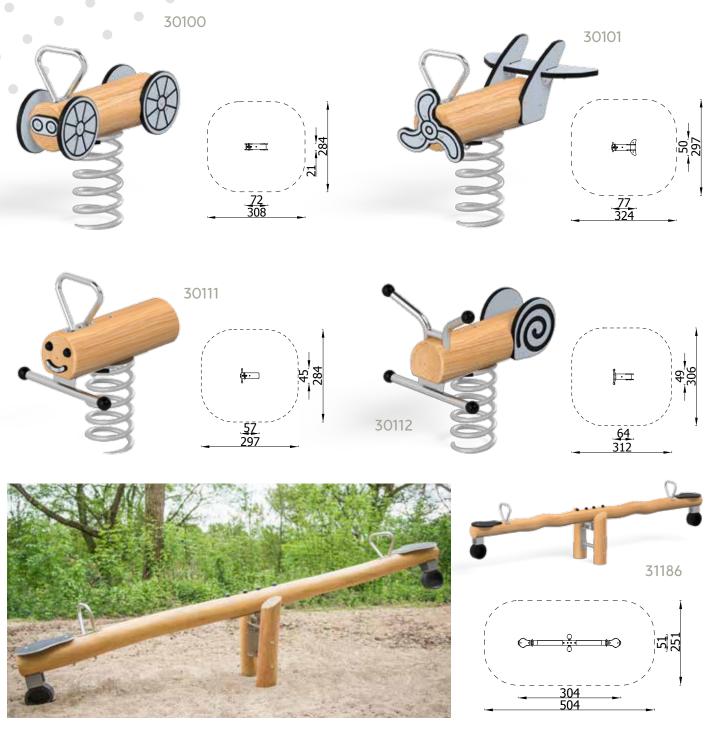




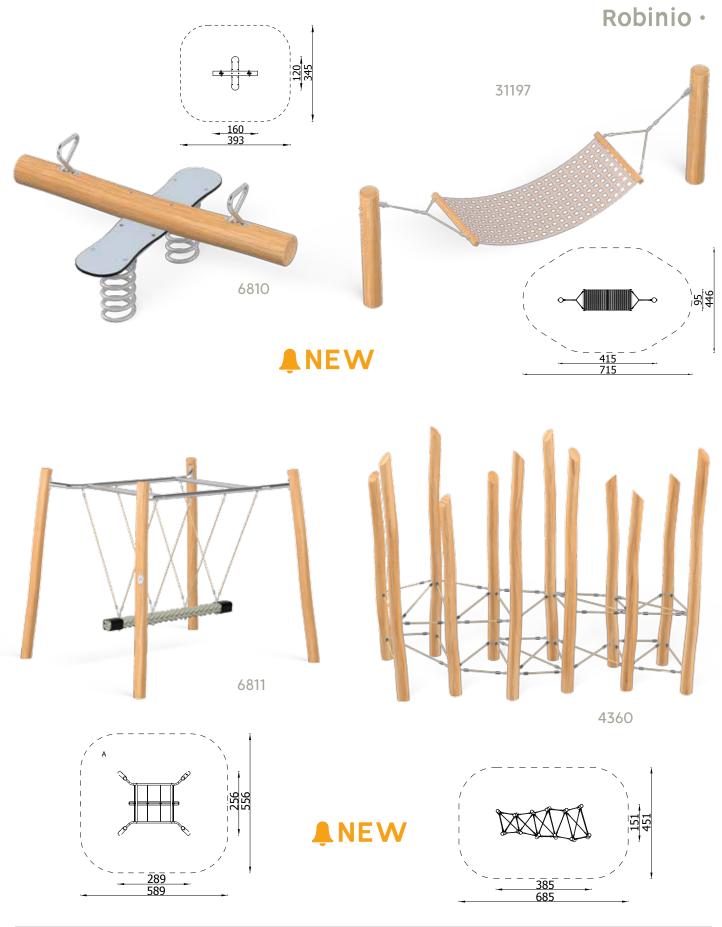


| Catalog number | Name | Age | Number of users | Maximum fall height | Total safe area zone | Device height | wood version | metal version |
|-------------------|-------------------------|-----|--------------------|------------------------|-------------------------|------------------|-----------------|------------------|
| 6807 | Jump kit Robinio | 3+ | 4 | 0.62 m | 16.5 m² | 0,62 m | • | - |
| 6808 | Tunnel platform Robinio | 3+ | 4 | 1.06 m | 17.5 m² | 1,34 m | • | - |
| 6809 | Jumping bars Robinio | 3+ | 10 | 0.76 m | 45.5 m² | 0,92 m | ٠ | _ |

Robinio spring rockers and swings



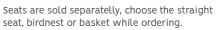
| Catalog number | Name | Age | Number of users | Maximum fall height | Total safe area zone | Device height | concrete base | metal base |
|-------------------|----------------------|-----|--------------------|------------------------|-------------------------|------------------|------------------|---------------|
| 30100 | Auto rocker Robinio | 1+ | 1 | 0.6 m | 8 m² | 0,69 m | • | - |
| 30100K | Auto rocker Robinio | 1+ | 1 | 0.6 m | 8 m² | 0,69 | - | • |
| 30101 | Plane rocker Robinio | 1+ | 1 | 0.6 m | 9 m² | 0,69 m | • | - |
| 30101K | Plane rocker Robinio | 1+ | 1 | 0.6 m | 9 m² | 0,69 m | - | • |
| 30111 | Worm rocker Robinio | 1+ | 1 | 0.6 m | 7.6 m ² | 0,69 m | • | - |
| 30111K | Worm rocker Robinio | 1+ | 1 | 0.6 m | 7.6 m² | 0,69 m | - | • |
| 30112 | Snail rocker Robinio | 1+ | 1 | 0.6 m | 8.7 m² | 0,67 m | • | - |
| 30112K | Snail rocker Robinio | 1+ | 1 | 0.6 m | 8.7 m² | 0,67 m | _ | • |
| 31186 | Seesaw Robinio | 3+ | 2 | 0.8 m | 12 m² | 0,76 m | - | - |

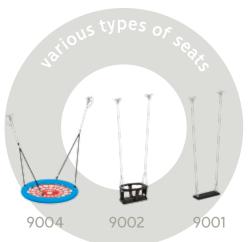


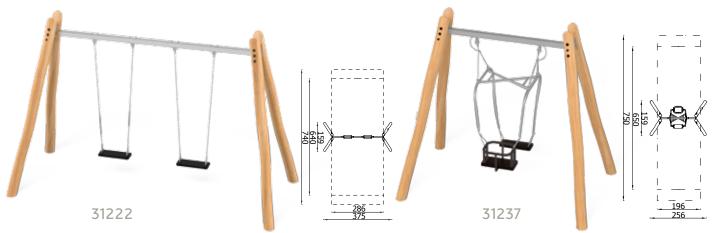
| Catalog number | Name | Age | Number of users | Maximum fall height | Total safe area zone | Device height | wood version | metal version |
|-------------------|-------------------------|-----|-----------------|------------------------|-------------------------|------------------|-----------------|------------------|
| 6810 | Springrocker Robinio | 3+ | 4 | 0.87 m | 12.7 m² | 0,73 m | • | - |
| 31197 | Hammock Robinio | 3+ | 1 | 0.73 m | 26 m² | 1,5 m | • | - |
| 6811 | Swing Superline Robinio | 3+ | 3 | 1,3 m | 31 m² | 2,44 m | • | - |
| 4360 | Climbing net Robinio | 3+ | 6 | 1 m | 29 m² | 2,9 m | ٠ | - |







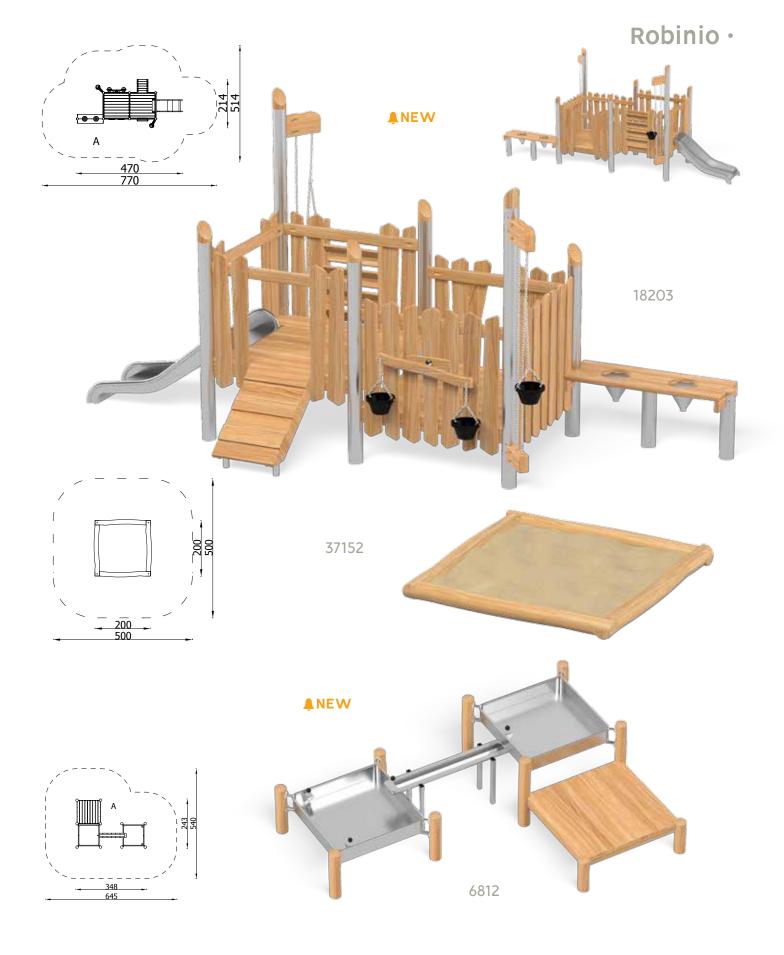




Seats are sold separatelly, choose the straight seat, birdnest or basket while ordering.

Parent and child seat INCLUDED

| Catalog number | Name | Age | Number of users | Maximum fall height | Total safe area zone | Device height | wood version | metal version |
|-------------------|---------------------|-----|--------------------|------------------------|-------------------------|------------------|-----------------|------------------|
| 31221 | Robinio Swing 31221 | 3+ | 1 | 1.3 m | 13 m² | 2,39 m | • | - |
| 31222 | Robinio Swing 31222 | 3+ | 2 | 1.3 m | 21.5 m² | 2,39 m | • | - |
| 31237 | Robinio Swing 31237 | 1+ | 2 | 1.3 m | 15 m² | 2,39 m | • | - |



| Catalog number | Name | Age | Number of users | Maximum fall height | Total safe area zone | Device height | wood version | metal version |
|-------------------|---------------------------|-----|-----------------|------------------------|-------------------------|------------------|-----------------|------------------|
| 18203 | Playing with sand Robinio | 3+ | 8 | 1 m | 30 m² | 2,1 m | • | - |
| 37152 | Sandbox Robinio | 0+ | 4 | 0.16 m | 23 m² | 0,16 m | • | - |
| 6812 | Medium aqueduct Robinio | 3+ | 4 | 0.78 m | 30 m² | 0,86 m | • | - |



stides made of stainless steel, acid-resistant steel or polyethylene colored in the mass, resistant to impacts and scratches.





All towers have non-slip

Durable polypropylene

Slides made of stainless steel, acid-resistant steel or polyethylene colored in the mass, resistant to impacts and

CHARACTERISTICS OF THE COLLECTION

High Towers

All connectors and fittings resistant to weather conditions and

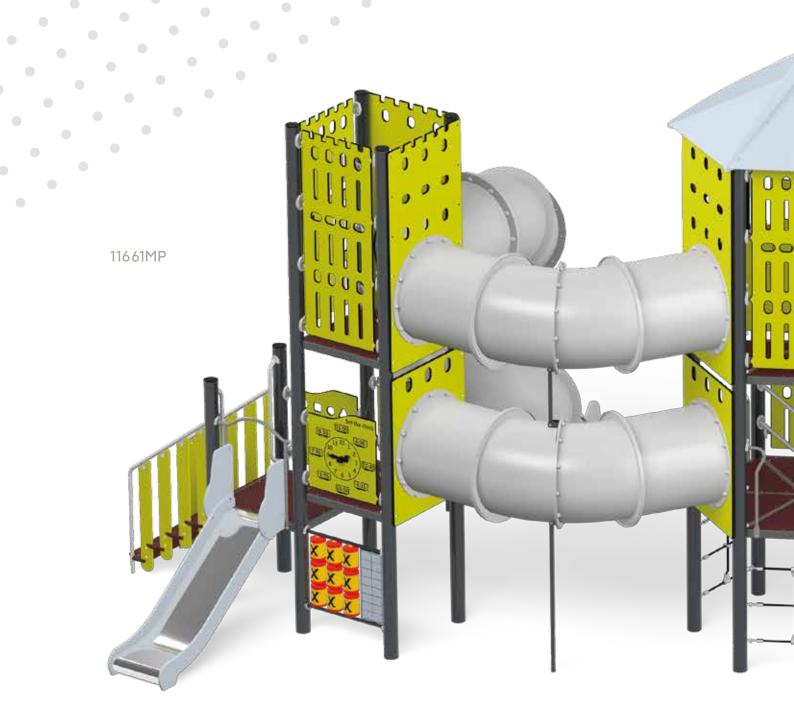
Steel elements protected against corrosion by the zinc layer and powder coating.







The thrill-filled climb to the top of the soaring structure is a real treat for every fun enthusiast. Overcoming numerous ladders, rope ascents or interlacing is a great way to strengthen muscle strength, an opportunity to train balance and the ability to independently assess the risk. Each tower consists of several levels, the conquering of which brings great satisfaction, and the reward for the effort is a great view from the top of the tower and the possibility of sliding down huge tunnel slides to the very bottom to be able to start the







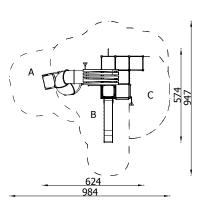
On the towers, the little ones have an amazing opportunity to admire the views from a great height, climbing to the top allows you to overcome weaknesses and gives courage. Crossing the tunnels gives you a thrill, and going down long slides is a lot of fun. The 11661MP tower can complement the new Action4Kids Lime or Street Workout Lime collections.

| Catalog number | Name | Age | Number of users | Maximum fall height | Total safe area zone | Device height | wood version | metal version |
|-------------------|--------------------|-----|-----------------|------------------------|-------------------------|------------------|-----------------|------------------|
| 11661MP | High Tower 11661MP | 3+ | 35 | 2.5m | 99.5 m² | 5 m | _ | • |



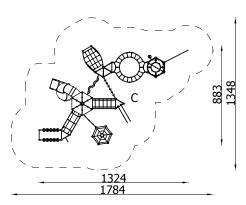






| Catalog number | Name | Age | Number of users | Maximum fall height | Total safe area zone | Device height | wood version | metal version |
|-------------------|----------------------|-----|--------------------|------------------------|-------------------------|------------------|-----------------|------------------|
| 121002EPZ | High Tower 121002EPZ | 3+ | 35 | 2.4 m | 58.5 m² | 6,26 m | • | - |

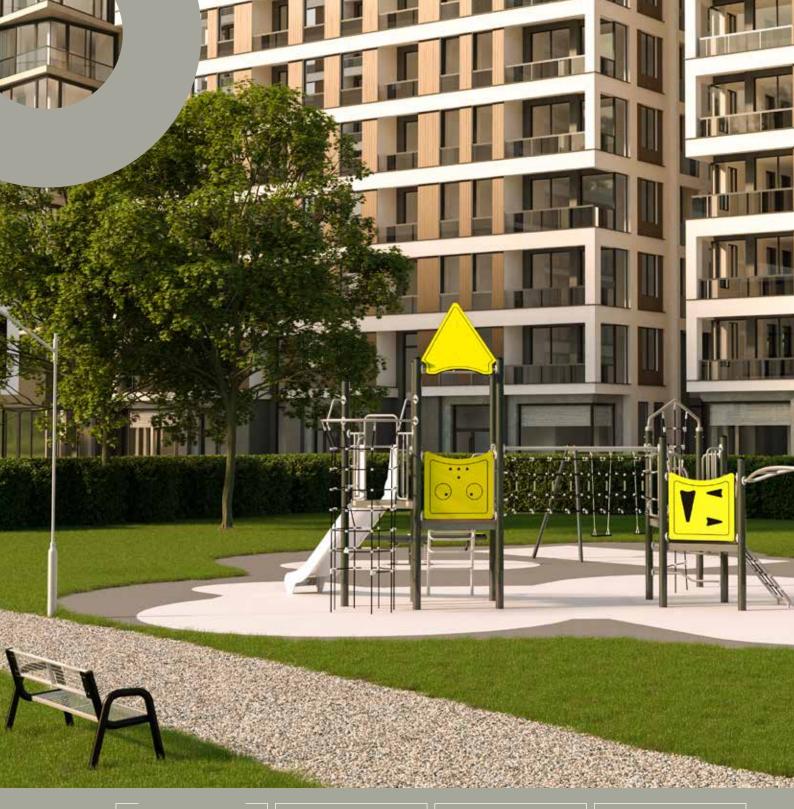




An incredible attraction for climbing enthusiasts! Ladders, ropes, interlaced, climbing wall, platforms are just some of the obstacles to overcome in this set. While climbing, crossing and hanging, every muscle works, which improves strength, endurance, coordination, as well as agility and flexibility. Such fun guarantees balanced motor development. Overcoming your own limitations and developing the general physical condition are undoubtedly the benefits for users of fitness devices.



| Catalog number | Name | Age | Number of users | Maximum fall height | Total safe area zone | Device height | wood version | metal version |
|-------------------|--------------------------|-----|-----------------|------------------------|-------------------------|------------------|-----------------|------------------|
| 1332MP | High multiclimber 1332MP | 5+ | 50 | 2.82 m | 160 m² | 5,43 m | - | • |



Massive and durable construction elements made of steel, round pipe with a diameter of



against corrosion by the zinc layer and powder coating.

polyethylene HDPE plate.

The sets have non-slip platforms.

CHARACTERISTICS OF THE COLLECTION

Action4Kids

ropes with a steel core.

slide made of stainless, acid-proof steel.







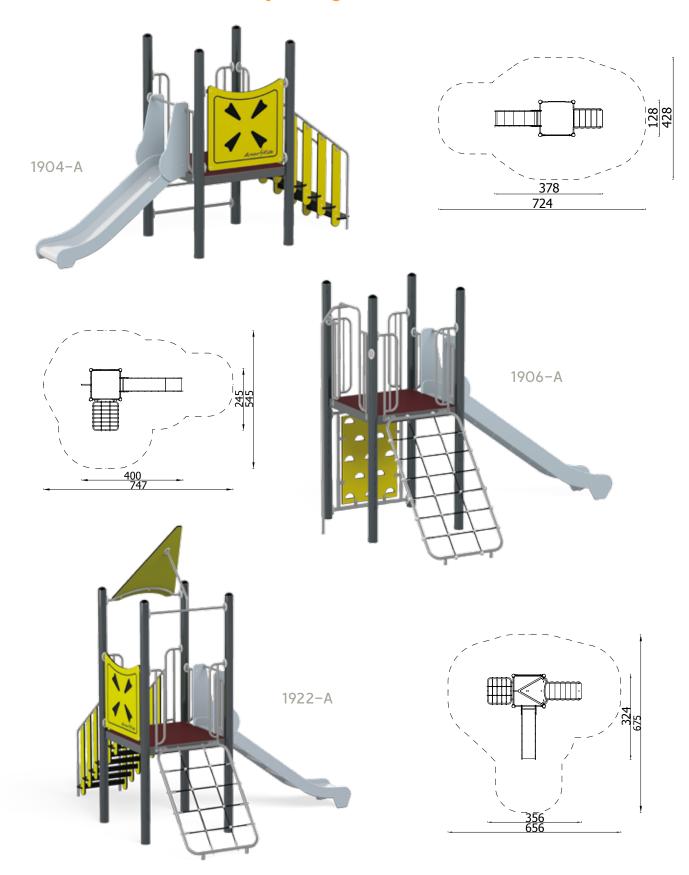
The collection in the LIME color version

· dark gray load-bearing poles with black caps · lime HDPE with black core · gray plugs and smaller metal parts · black ropes

Timeless, the most interesting and the most popular collection of NOVUM playgrounds, which fits perfectly into large-city spaces as well as more intimate places for children. Action 4 Kids sets will ensure long, unlimited fun thanks to extensive lines, interesting passages and bridges, slides of various lengths and climbing walls. Its unquestionable advantage is that it does not require maintenance and is resistant to vandalism.

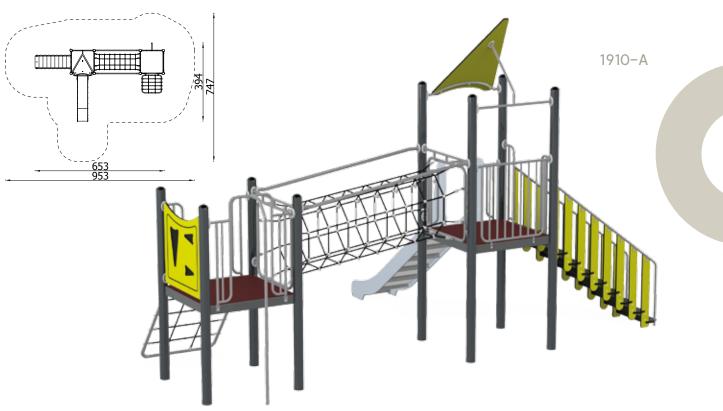


Action4kids play sets

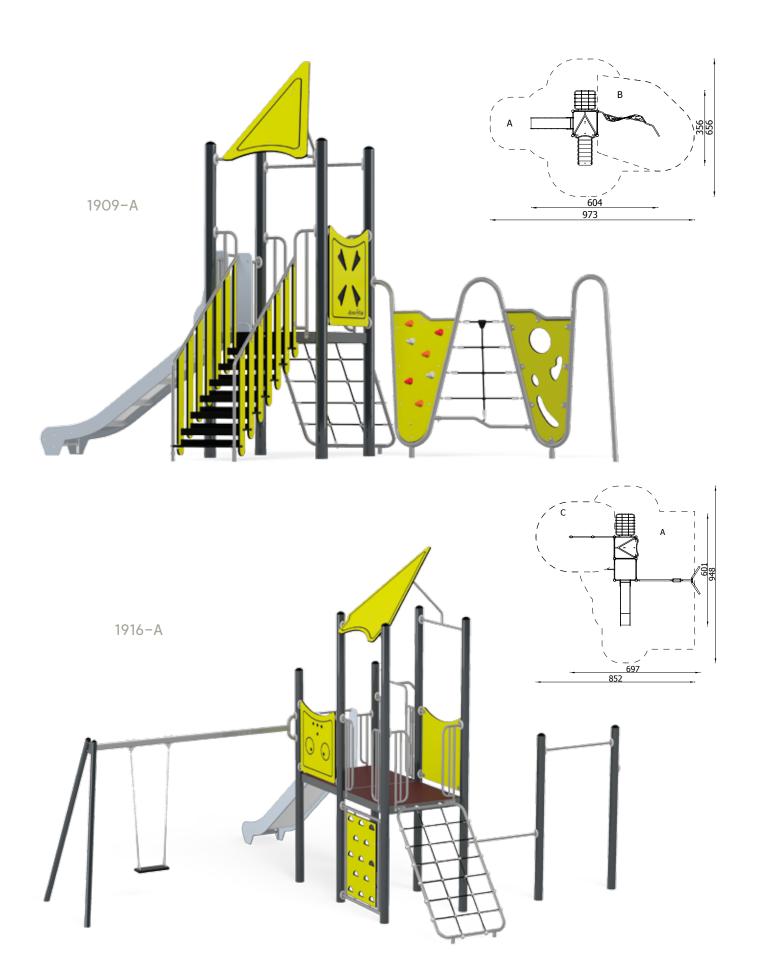


| Catalog number | Name | Age | Number of users | Maximum fall height | Total safe area zone | Device height | wood version | metal version |
|-------------------|-------------------------|-----|--------------------|------------------------|-------------------------|------------------|-----------------|------------------|
| 1904-A | Action4Kids Lime 1904-A | 3+ | 5 | 1 m | 23.9 m² | 2,34 m | - | • |
| 1906-A | Action4Kids Lime 1906-A | 3+ | 7 | 1.5 m | 28.5 m² | 2,94 m | - | • |
| 1922-A | Action4Kids Lime 1922-A | 3+ | 7 | 1.2 m | 30 m² | 3,87 m | - | • |





| Catalog number | Name | Age | Number of users | Maximum fall height | Total safe area zone | Device height | wood version | metal version |
|-------------------|-------------------------|-----|-----------------|------------------------|-------------------------|------------------|-----------------|------------------|
| 1910-A | Action4Kids Lime 1910–A | 3+ | 12 | 1.5 m | 48.4 m² | 4,17 m | - | • |

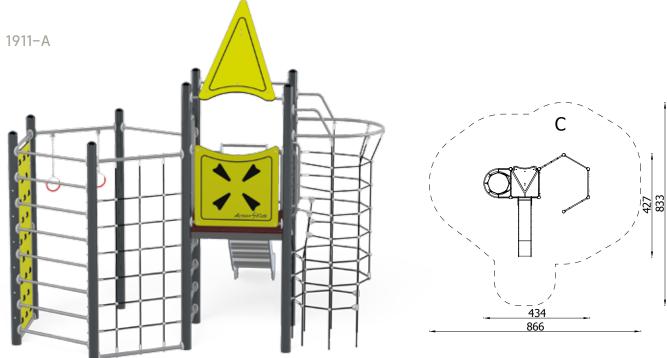


| Catalog number | Name | Age | Number of users | Maximum fall height | Total safe area zone | Device height | wood version | metal version |
|-------------------|-------------------------|-----|-----------------|------------------------|-------------------------|------------------|-----------------|------------------|
| 1909-A | Action4Kids Lime 1909-A | 3+ | 12 | 1.72 m | 40.8 m² | 3,87 m | - | • |
| 1916-A | Action4Kids Lime 1916-A | 3+ | 12 | 2.02 m | 55.8 m² | 4,67 m | - | • |



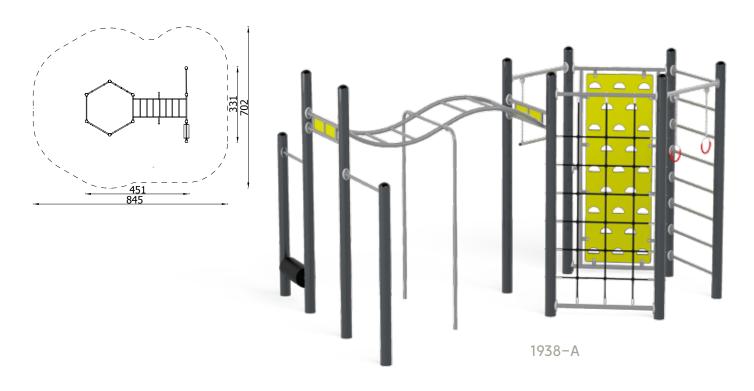
| Catalog number | Name | Age | Number of users | Maximum fall height | Total safe area zone | Device height | wood version | metal version |
|-------------------|-------------------------|-----|--------------------|------------------------|-------------------------|------------------|-----------------|------------------|
| 1924-A | Action4Kids Lime 1924–A | 3+ | 20 | 3 m | 85.6 m² | 4,36 m | - | • |
| 1933-A | Action4Kids Lime 1933-A | 3+ | 9 | 2.95 m | 40.8 m² | 4,26 m | _ | • |





| Catalog number | Name | Age | Number of users | Maximum fall height | Total safe area zone | Device height | wood version | metal version |
|-------------------|-------------------------|-----|-----------------|------------------------|-------------------------|------------------|-----------------|------------------|
| 1935-A | Action4Kids Lime 1935–A | 3+ | 15 | 2.95 m | 54.5 m² | 4,17 m | - | • |
| 1911-A | Action4Kids Lime 1911–A | 3+ | 16 | 2.65 m | 49 m² | 4,07 m | - | • |

Action4kids •

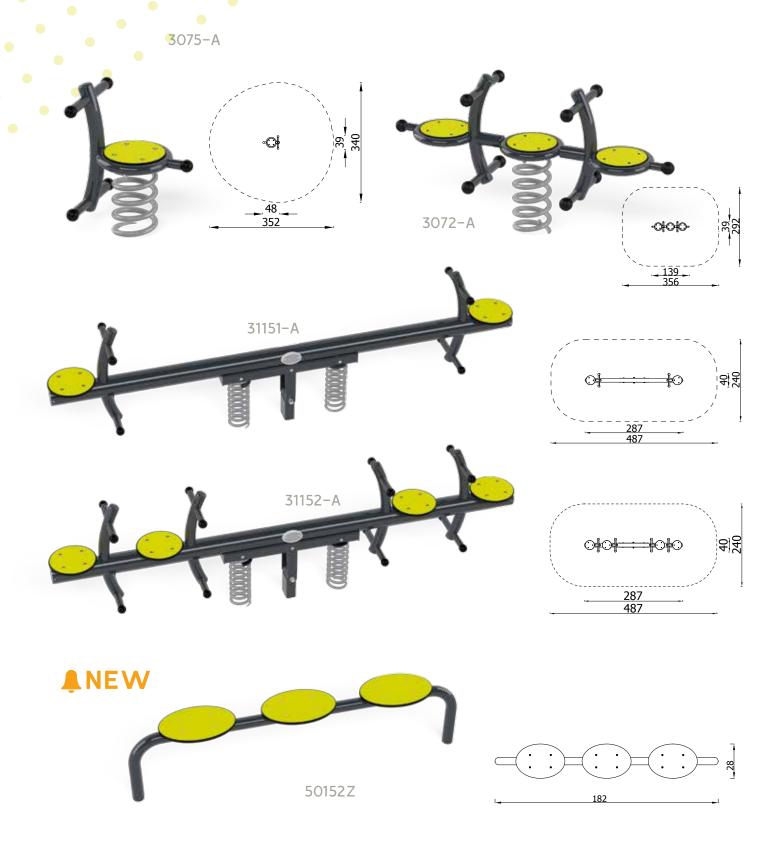


An extensive fitness set from the Action4Kids Lime series. It is a real center of activity. A climbing wall, acrobatic wheels, chin-up bars and ladders are an ideal aid in strengthening muscle strength and motor coordination.

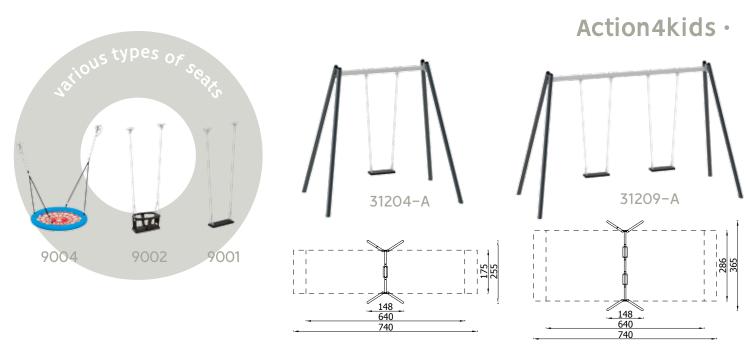


| Catalog number | Name | Age | Number of users | Maximum fall height | Total safe area zone | Device height | wood version | metal version |
|-------------------|-------------------------|-----|-----------------|------------------------|-------------------------|------------------|-----------------|------------------|
| 1938-A | Action4Kids Lime 1938-A | 3+ | 15 | 2.64 m | 51 m² | 2,64 m | - | • |
| 1937-A | Action4Kids Lime 1937–A | 3+ | 13 | 2.64 m | 54.9 m² | 2,64 m | - | • |

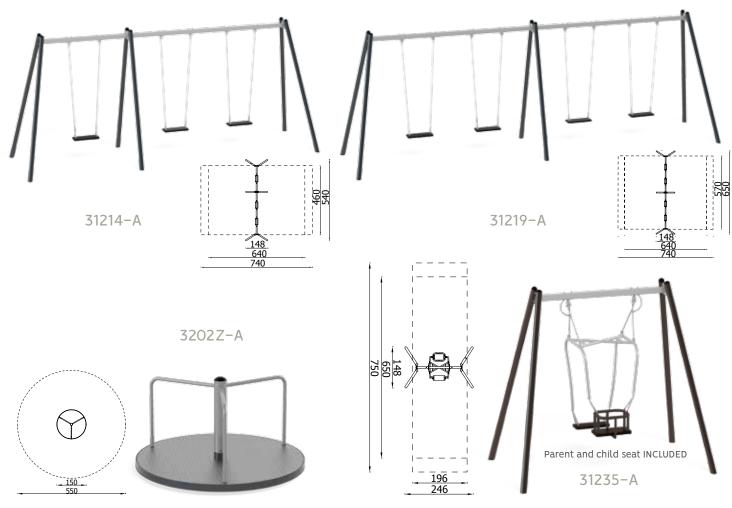
Spring rockers and swings



| Catalog number | Name | Age | Number of users | Maximum fall height | Total safe area zone | Device height | wood version | metal version |
|-------------------|--------------------------------|-----|-----------------|------------------------|-------------------------|------------------|-----------------|------------------|
| 3075-A | Rocker Action4Kids Lime | 1+ | 1 | 0.6 m | 9.5 m² | 0,64 m | - | • |
| 3072-A | Double rocker Action4Kids Lime | 1+ | 2 | 0.6 m | 9.6 m² | 0,64 m | - | • |
| 31151-A | Seesaw Action4Kids Lime | 3+ | 2 | 0.95 m | 11 m² | 0,91 m | - | • |
| 31152-A | Double seesaw Action4Kids Lime | 3+ | 4 | 0.95 m | 11 m² | 0,91 m | - | • |
| 50152Z | Bench Action4Kids Lime | 0+ | 3 | - | - | 0,44 m | - | • |



Seats are sold separatelly, choose the straight seat, birdnest or basket while ordering.



| Catalog number | Name | Age | Number of users | Maximum fall height | Total safe area zone | Device height | wood version | metal version |
|-------------------|------------------------------------|-----|-----------------|------------------------|-------------------------|------------------|-----------------|------------------|
| 31204-A | Metal swing 31204–A (Orbis or A4K) | 3+ | 1 | 1.3 m | 13 m² | 2,26 m | - | • |
| 31209-A | Metal swing 31209-A (Orbis or A4K) | 3+ | 2 | 1.3 m | 21.1 m² | 2,26 m | - | • |
| 31214-A | Metal swing 31214–A (Orbis or A4K) | 3+ | 3 | 1.3 m | 34 m² | 2,26 m | - | • |
| 31219-A | Metal swing 31219–A (Orbis or A4K) | 3+ | 4 | 1.3 m | 42.5 m² | 2,26 m | - | • |
| 3202Z-A | Disc carousel Simple | 3+ | 5 | 1 m | 24 m² | 0,85 m | - | • |
| 31235-A | Metal swing 31235-A (Orbis or A4K) | 1+ | 2 | 1.3 m | 15 m² | 2,26 m | - | • |



with wooden or metal square posts.





Two versions to choose from: wood (EPZ) or metal (MP)

Extra Plus Zinc

In the EPZ version the load-bearing elements are posts made of glued laminated timber longitudinally grooved, mounted on anchors.

Metal Plus

In the MP version, the supporting poles are made of high-quality steel, mounted directly in the ground.

CHARACTERISTICS OF THE COLLECTION

Quadro

Roofs and panels made of resistant polyethylene HDPE plate.

platforms.





The collection in the SIMPLE color version

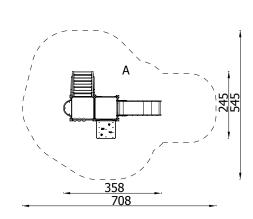
• new color of security panels • gray HDPE in all sets
black ropes • black caps • gray metal elements • gray
plugs

More devices from the Quadro collection on our website www.novum4kids.com Quadro is a very popular a collection where the devices offer great fun for both younger and older children. Their attractiveness is influenced by various types of slides, varied entrances, climbing walls, ropeways, tunnels and many additional attractions in the form of games, manipulations and moving elements, which are perfect places to use children's energy.



Play sets Quadro

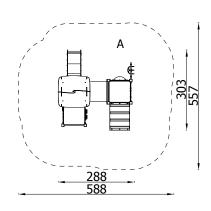




1287EPZN-A

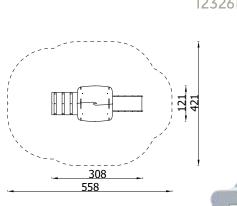
| Catalog number | Name | Age | Number of users | Maximum fall height | Total safe area zone | Device height | wood version | metal version |
|-------------------|--------------------|-----|-----------------|------------------------|-------------------------|------------------|-----------------|------------------|
| 1201EPZN-A | Quadro Simple 50 | 0+ | 12 | 1 m | 38 m² | 1,86 m | • | - |
| 1287EPZN-A | Quadro Simple 1287 | 0+ | 11 | 1 m | 27 m² | 1,86 m | • | - |

Quadro ·



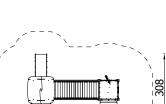




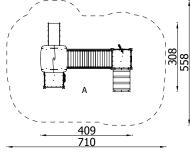


12326EPZ-A

Small sets designed for the youngest. A gangway that is easy to overcome, a platform secured with a full barrier and a low slide will make even toddlers who have just learned to walk feel safe while playing.



12328EPZ-A

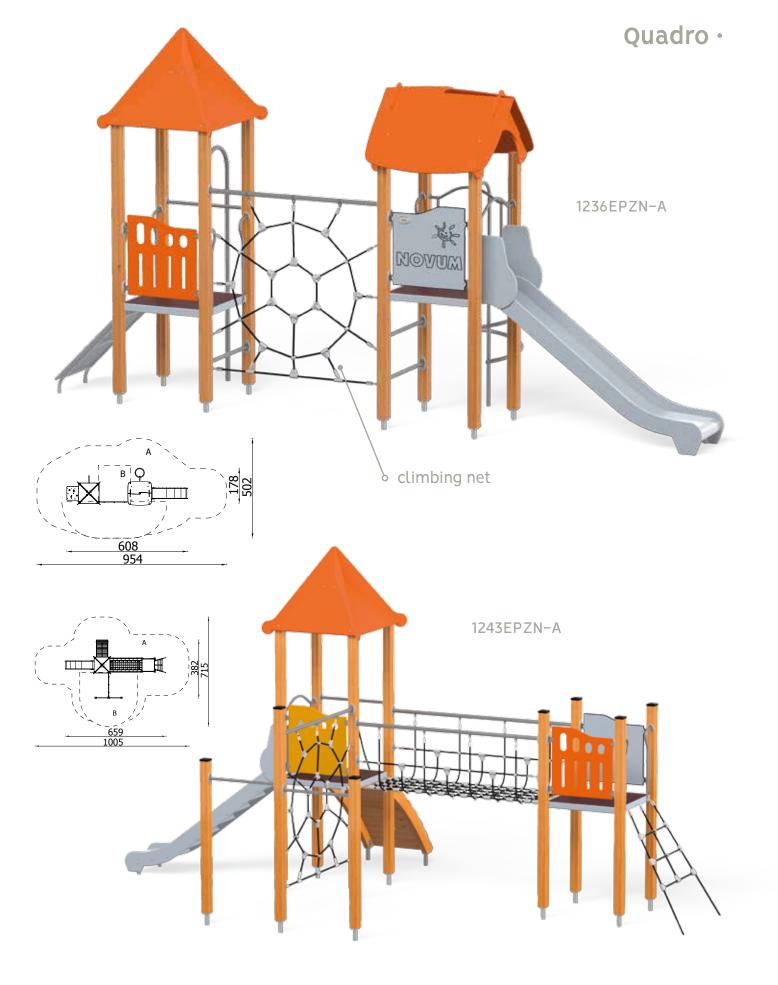




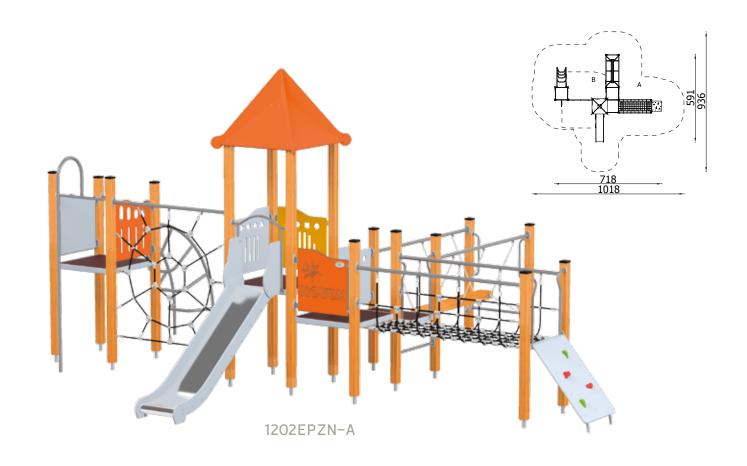
| Catalog number | Name | Age | Number of users | Maximum fall height | . Total safe area zone | Device height | wood version | metal version |
|-------------------|---------------------|-----|-----------------|------------------------|------------------------|------------------|-----------------|------------------|
| 12432EPZN-A | Quadro Simple 12432 | 0+ | 10 | 1 m | 29 m² | 2,46 m | • | - |
| 12326EPZ-A | Quadro Simple 12326 | 0+ | 6 | 1 m | 19.5 m² | 2,28 m | • | - |
| 12328EPZ-A | Quadro Simple 12328 | 0+ | 12 | 1 m | 33.5 m² | 2,31 m | • | - |

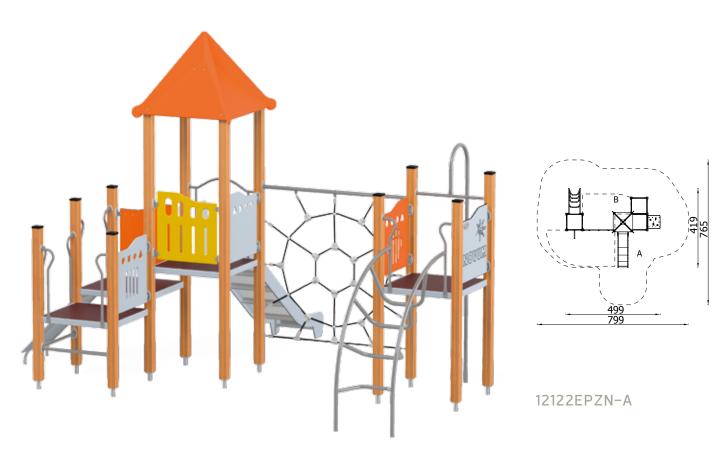


| Catalog number | Nazwa | Age | Number of users | Maximum fall height | Total safe area zone | Device height | wood version | metal version |
|-------------------|--------------------|-----|-----------------|------------------------|-------------------------|------------------|-----------------|------------------|
| 1254EPZN-A | Quadro Simple 1254 | 0+ | 20 | 1 m | 36.5 m ² | 3,31 m | • | - |
| 1253EPZN-A | Quadro Simple 1253 | 0+ | 12 | 1 m | 29.5 m² | 3,31 m | • | _ |

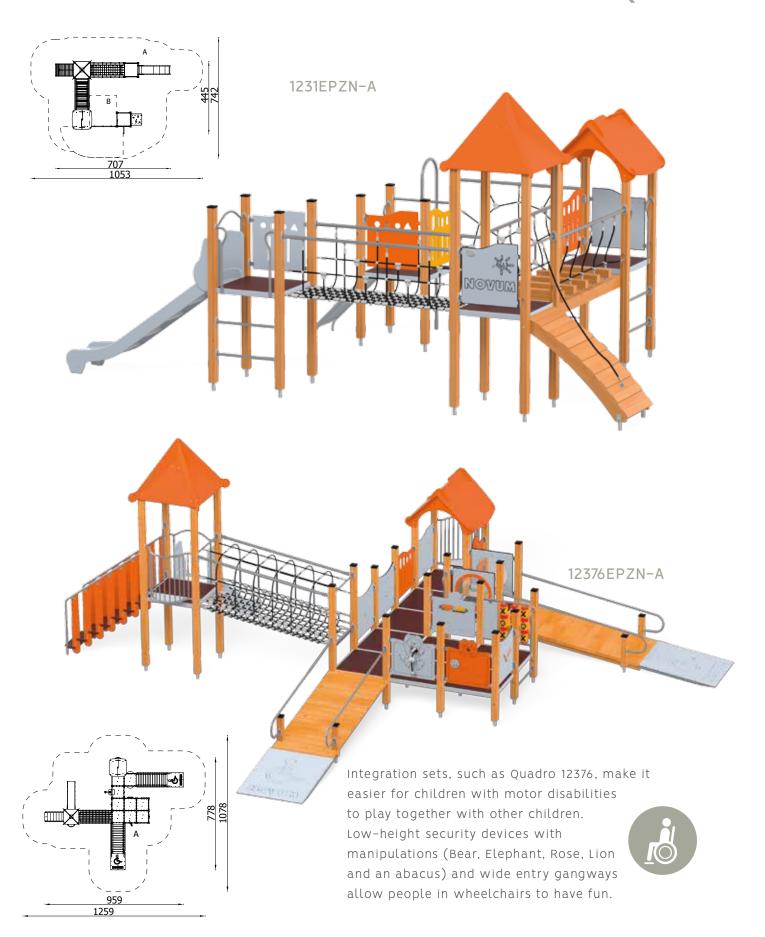


| Catalog number | Name | Age | Number of users | Maximum fall height | Total safe area zone | Device height | wood version | metal version |
|-------------------|--------------------|-----|--------------------|------------------------|-------------------------|------------------|-----------------|------------------|
| 1236EPZN-A | Quadro Simple 267 | 3+ | 13 | 1.99 m | 35.5 m² | 3,34 m | • | - |
| 1243EPZN-A | Quadro Simple 1243 | 3+ | 13 | 1.99 m | 52 m² | 3,64 m | • | - |





| Catalog number | Name | Age | Number of users | Maximum fall height | Total safe area zone | Device height | wood version | metal version |
|-------------------|---------------------|-----|-----------------|------------------------|-------------------------|------------------|-----------------|------------------|
| 1202EPZN-A | Quadro Simple 150 | 3+ | 20 | 1.99 m | 59.5 m² | 3,64 m | • | - |
| 12122EPZN-A | Quadro Simple 12122 | 3+ | 17 | 1.99 m | 42.5 m² | 3,61 m | • | _ |



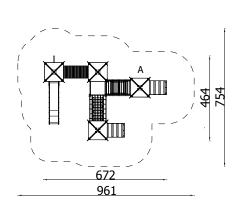
| Catalog number | Name | Age | Number of users | Maximum fall height | Total safe area zone | Device height | wood version | metal version |
|-------------------|---------------------|-----|-----------------|------------------------|-------------------------|------------------|-----------------|------------------|
| 1231EPZN-A | Quadro Simple 1231 | 3+ | 21 | 1.99 m | 58.5 m² | 3,64 m | • | - |
| 12376EPZN-A | Quadro Simple 12376 | 0+ | 32 | 1.2 m | 80 m² | 3,41 m | • | - |



Integration sets, such as Quadro 12376, make it easier for children with motor disabilities to play together with other children. Low-height security devices with manipulations (Bear, Elephant, Rose, Lion and an abacus) and wide entry gangways allow people in wheelchairs to have fun.





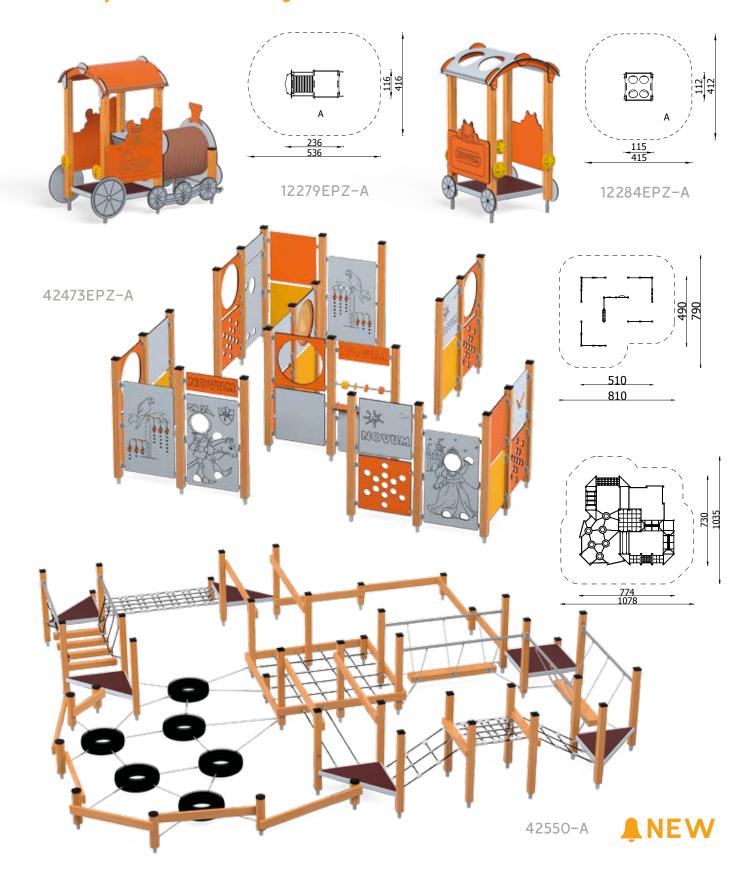


| Catalog number | Name | Age | Number of users | Maximum fall height | Total safe area zone | Device height | wood version | metal version |
|-------------------|---------------------|-----|-----------------|------------------------|-------------------------|------------------|-----------------|------------------|
| 12960EPZ-A | Quadro Simple 12960 | 1+ | 24 | 1.5 m | 55.5 m² | 3,94 m | • | - |

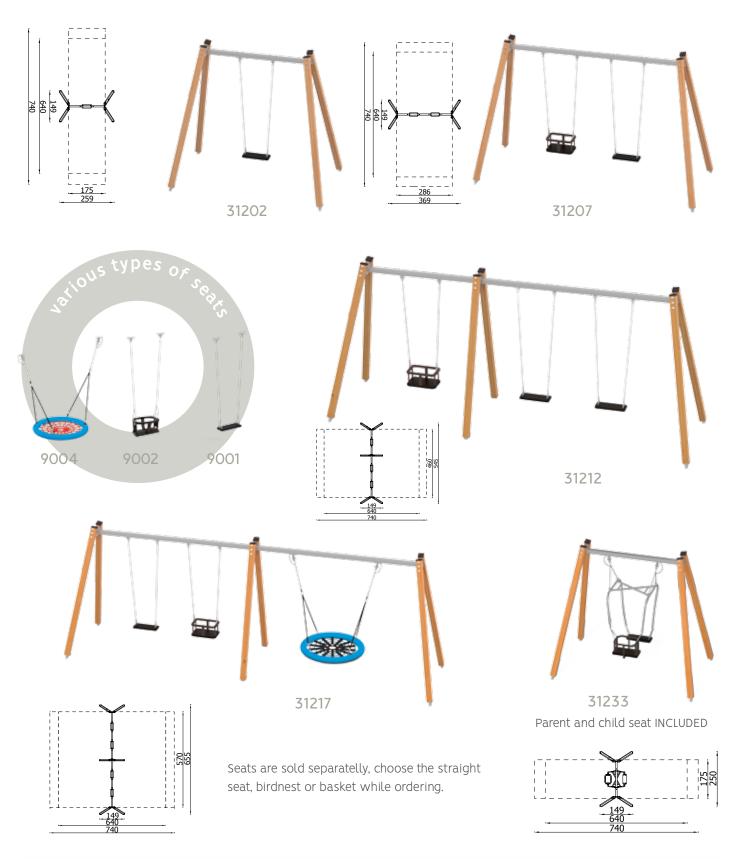


| Catalog number | Name | Age | Number of users | Maximum fall height | Total safe area zone | Device height | wood version | metal version |
|-------------------|--------------------------|-----|--------------------|------------------------|-------------------------|------------------|-----------------|------------------|
| 12156EPZN-A | Quadro Simple Ship 12156 | 0+ | 12 | 1 m | 51 m² | 2,36 m | • | - |
| 12505EPZN-A | Quadro Simple 12505 | 0+ | 20 | 1.9 m | 43.00 m² | 2,36 m | • | - |

Complementary devices



| Catalog number | Name | Age | Number of users | Maximum fall height | Total safe area zone | Device height | wood version | metal version |
|-------------------|---------------------------|-----|--------------------|------------------------|-------------------------|------------------|-----------------|------------------|
| 12279EPZ-A | Quadro Simple locomotive | 0+ | 3 | 0.3 m | 20 m² | 1,99 m | • | - |
| 12284EPZ-A | Quadro Simple carriage | 0+ | 3 | 0.3 m | 15.2 m² | 1,99 m | • | - |
| 42473EPZ-A | Quadro Simple labyrinth | 1+ | 18 | - | 56 m² | 1,71 m | • | - |
| 42550-A | Fitness set Quadro Simple | 3+ | 45 | 0.87 m | 98 m² | 1,26 m | • | - |



| Catalog number | Name | Age | Number of users | Maximum fall height | Total safe area zone | Device height | wood version | metal version |
|-------------------|--------------------|-----|-----------------|------------------------|-------------------------|------------------|-----------------|------------------|
| 31202 | Quadro swing 31202 | 3+ | 1 | 1.3 m | 13 m² | 2,28 m | • | - |
| 31207 | Quadro swing 31207 | 3+ | 2 | 1.3 m | 21.1 m² | 2,28 m | • | - |
| 31212 | Quadro swing 31212 | 3+ | 3 | 1.3 m | 34 m² | 2,28 m | • | - |
| 31217 | Quadro swing 31217 | 3+ | 4 | 1.3 m | 42.5 m² | 2,28 m | • | - |
| 31233 | Quadro swing 31233 | 1+ | 2 | 1.3 m | 13 m² | 2,28 m | • | - |



with wooden or metal poles with a round (wood) or square (metal) cross-section.



choose from:
wood (EPZ)
or metal (MP)

In the EPZ version the load-bearing elements are posts made of glued laminated timber, longitudinally grooved, mounted on anchors

In the MP version, the supporting poles are made of high-quality steel, mounted directly in

Ships

Roofs and panels made of resistant polyethylene HDPE plate.

The sets have non-slip

·SIMPLE



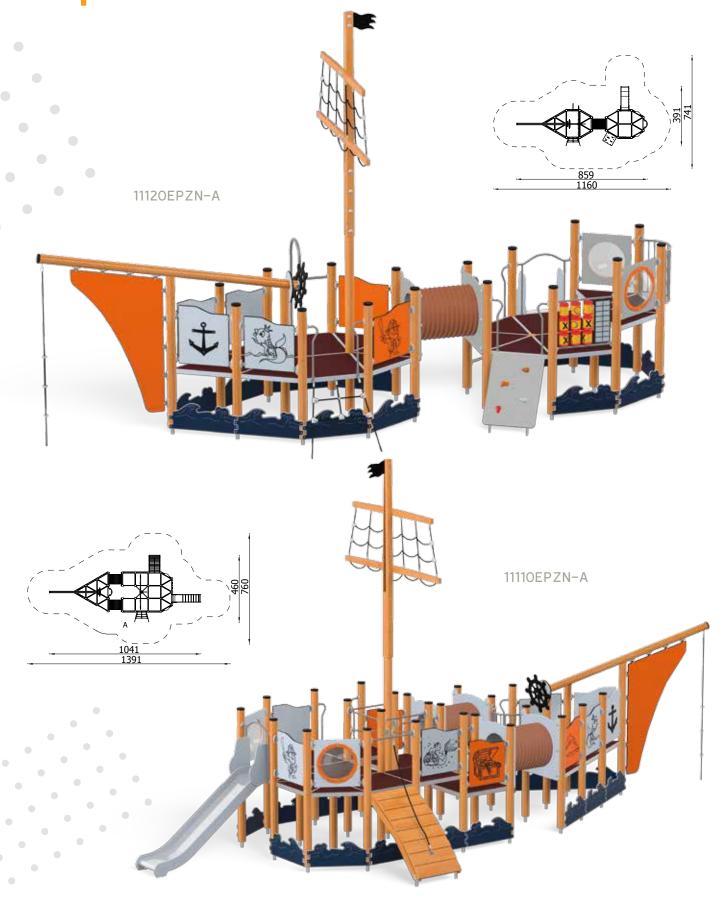


More Ships on our website www.novum4kids.com

The collection in the SIMPLE color version

• new color of security panels: gray HDPE in all

Ships in new color version



| Catalog number | Name | Age | Number of users | Maximum fall height | Total safe area zone | Device height | wood version | metal version |
|-------------------|-------------------------------|-----|--------------------|------------------------|-------------------------|------------------|-----------------|------------------|
| 11120EPZN-A | Orbis Simple Ship 11120EPZN-A | 3+ | 22 | 1.2 m | 54 m² | 5,5 m | • | - |
| 11110EPZN-A | Orbis Simple Ship 11110EPZN-A | 3+ | 22 | 1.2 m | 63.5 m² | 5,5 m | • | - |



| Catalog number | Name | Age | Number of users | Maximum fall height | Total safe area zone | Device height | wood version | metal version |
|-------------------|--------------------|-----|-----------------|------------------------|-------------------------|------------------|-----------------|------------------|
| 12937MP | Quadro Simple Ship | 3+ | 48 | 2.5 m² | 93.5 m | 5,55 m | - | • |



Structure based on nassive metal poles.

Durable polypropylene ropes with a steel

Slide made of stainless acid-proof steel All connectors and fittings resistant to weather conditions and

Universe collection

Steel elements protected against corrosion by the zind layer and powder

Panels made of extremely durable HDPE board resistant to weather conditions







A thematic line of devices that will take children to the amazing world of space. Rocket flight, encounter with UFOs, visit to the planetarium or walk on the moon are just some of the attractions offered by the new collection. Its unquestionable advantage is the possibility of exploring a coherent theme of the environment through movement, manipulation games, discovering cosmic curiosities and unlimited play in conquerors of the universe.

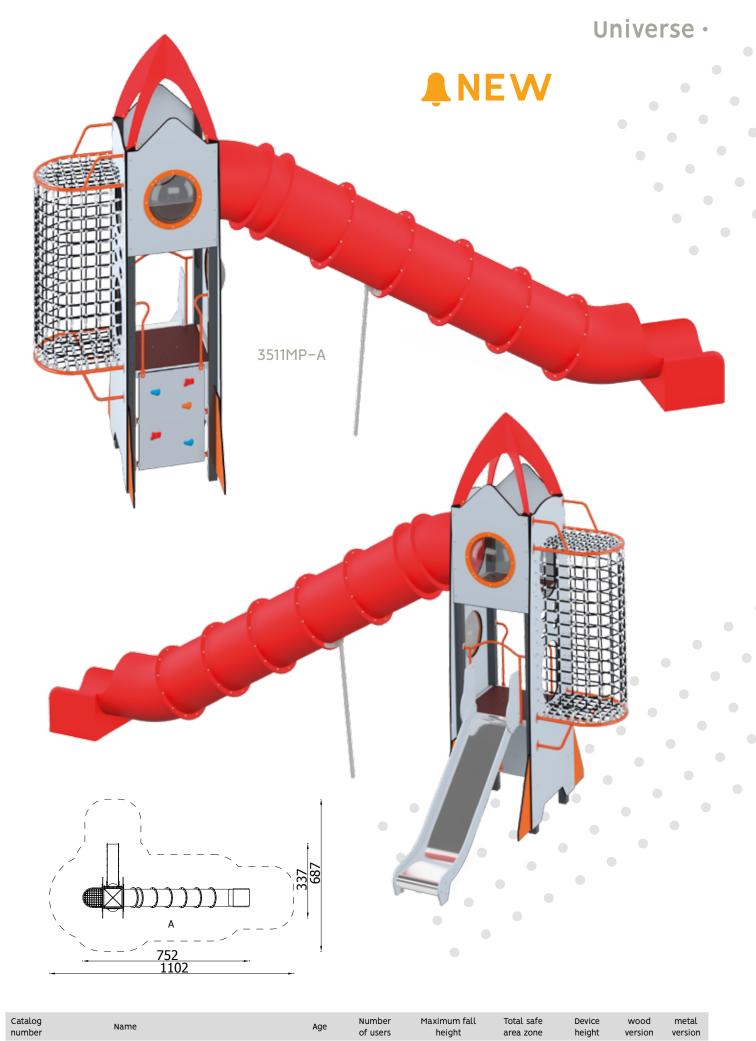
Planetarium



On the walls of the planetarium there are manipulation tables, such as: match the zodiac sign, mathematical operations, shifter – flight rocket, find words, spinning wheels, illusion, clock and calendar, memory. Inside the structure there is a map of the sky with a description of the constellations and a comfortable, large bench – an ideal place to conduct geography classes.



| Catalog number | Name | Age | Number of users | Maximum fall height | Total safe area zone | Device height | wood version | metal version |
|-------------------|-------------|-----|-----------------|------------------------|-------------------------|---------------|-----------------|------------------|
| 4920Z | Planetarium | 1+ | 28 | 0.39 m | 39 m² | 2,45 m | - | • |



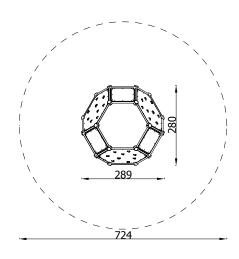
| Catalog number | Name | Age | Number of users | Maximum fall height | Total safe area zone | Device height | wood version | metal version |
|-------------------|---------------|-----|--------------------|------------------------|-------------------------|------------------|-----------------|------------------|
| 3511MP-A | Space station | 3+ | 14 | 1.2 m | 45.5 m² | 4,45 m | - | • |

Mysterious planet

A treat for climbing enthusiasts – a polygon with climbing walls and ropes. The angle of inclination of the walls makes it not so easy to overcome them, so reaching the top guarantees a lot of satisfaction. Professional climbing handles, solidly mounted ropes with a metal core and a strong, massive structure are the features that contribute to the safety and quality of fun on the Mysterious Planet.



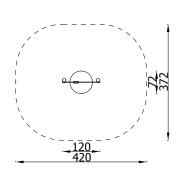








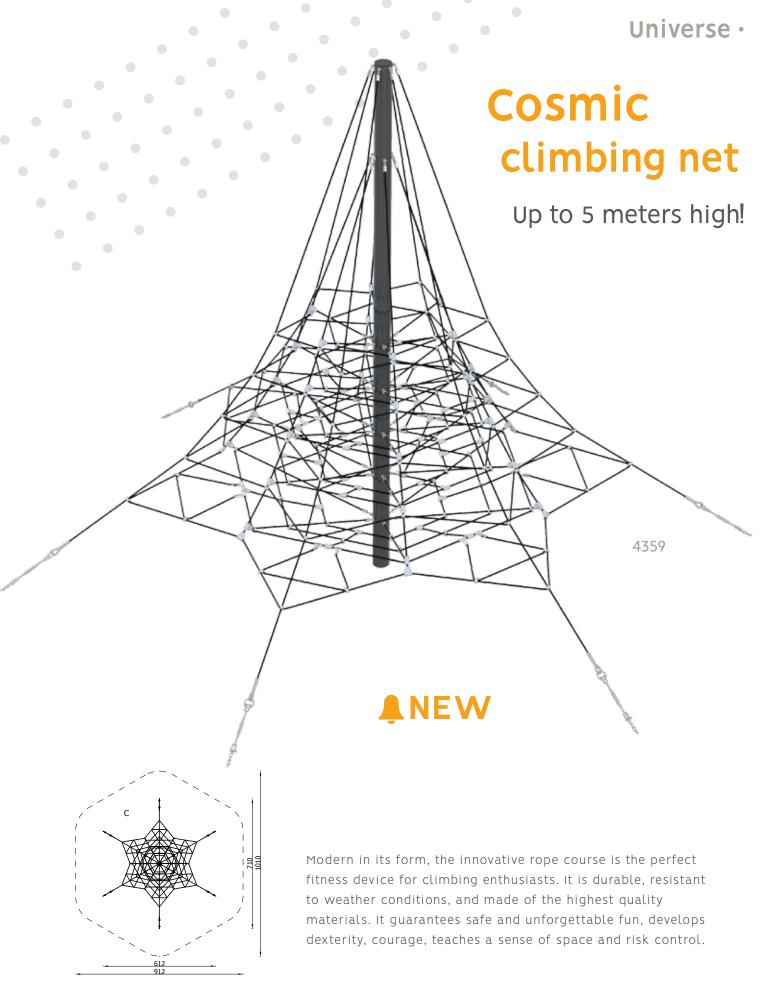






This gigantic globe is 75 cm in diameter and faithfully replicates the Earth's globe. On its surface there is a three-dimensional map of our planet.

| Catalog number | Name | Age | Number of users | Maximum fall height | Total safe area zone | Device height | wood version | metal version |
|-------------------|-------------------|-----|-----------------|------------------------|-------------------------|------------------|-----------------|------------------|
| 42559MP | Mysterious planet | 3+ | 15 | 2,4 m | 41.2 m² | 2,4 m | _ | - |
| 3669MP | Globe | 1+ | 2 | 0 m | 14 m² | 1,41 m | - | • |



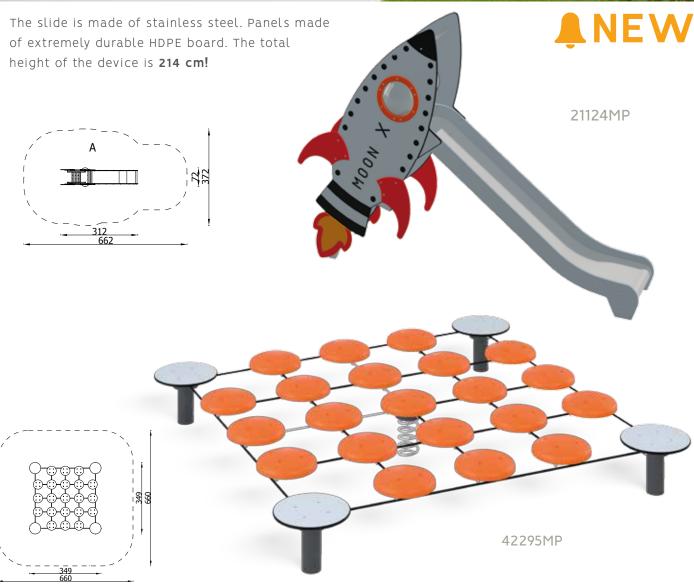
| Catalog number | Name | Age | Number of users | Maximum fall height | Total safe area zone | Device height | wood version | metal version |
|-------------------|---------------------|-----|-----------------|------------------------|-------------------------|------------------|-----------------|------------------|
| 4359 | Cosmic climbing net | 7+ | 20 | 2,53 m | 71 m² | 5,05 m | - | _ |

Universe collection



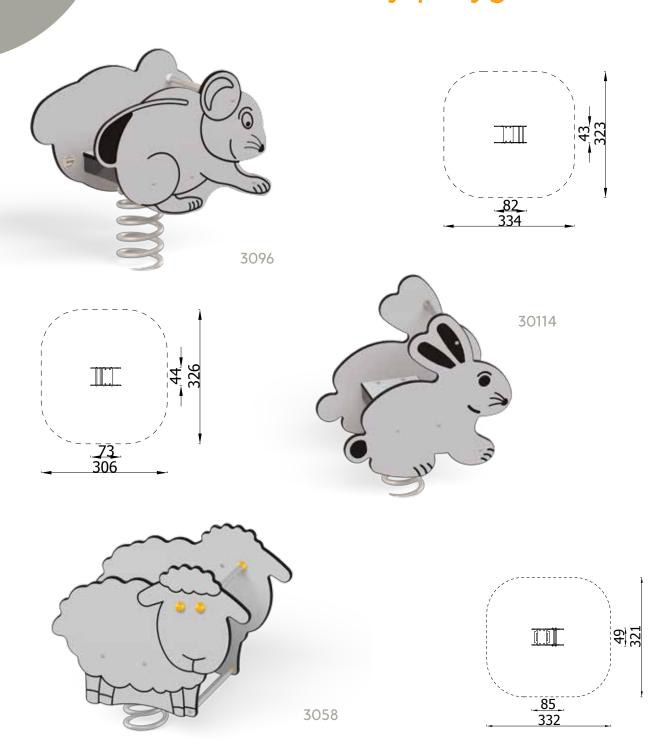
| Catalog number | Name | Age | Number of users | Maximum fall height | Total safe area zone | Device height | concrete base | metal base |
|-------------------|----------------|-----|--------------------|------------------------|-------------------------|------------------|------------------|---------------|
| 30106EPZ | Rocket rocker | 1+ | 1 | 0.6 m | 10.5 m ² | 0,78 m | • | - |
| 30106EPZK | Rocket rocker | 1+ | 1 | 0.6 m | 10.5 m² | 0,78 m | - | • |
| 30107EPZ | UFO rocker | 1+ | 1 | 0.6 m | 10 m² | 0,83 m | • | - |
| 30107EPZK | UFO rocker | 1+ | 1 | 0.6 m | 10 m² | 0,83 m | - | • |
| 31266MP | Cosmic seesaw | 3+ | 2 | 1,2 m | 12 m² | 1,07 m | _ | - |
| 30108EPZK | Shuttle Rocker | 1+ | 2 | 0.6 m | 14 m² | 1,17 m | - | • |





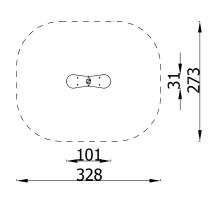
| Catalog number | Name | Age | Number of users | Maximum fall height | Total safe area zone | Device height | wood version | metal version |
|-------------------|--------------|-----|-----------------|------------------------|-------------------------|------------------|-----------------|------------------|
| 21124MP | Rocket slide | 3+ | 2 | 1.2 m | 20 m² | 2,14 m | - | • |
| 42295MP | Rubber discs | 3+ | 12 | 0.51 m | 42 m² | 0,51 m | - | • |

Spring rockers – a timeless element of every playground

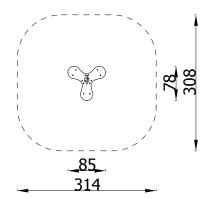


| Catalog number | Name | Age | Number of users | Maximum fall height | Total safe area zone | Device height | concrete base | metal base |
|-------------------|---------------|-----|-----------------|------------------------|-------------------------|------------------|------------------|---------------|
| 3096EPZ | Mouse rocker | 1+ | 1 | 0.6 m | 10 m² | 0,77 m | • | - |
| 3096EPZK | Mouse rocker | 1+ | 1 | 0.6 m | 10 m² | 0,77 m | - | • |
| 30114EPZ | Rabbit rocker | 1+ | 1 | 0.6 m | 9.1 m² | 0,88 m | • | - |
| 30114EPZK | Rabbit rocker | 1+ | 1 | 0.6 m | 9.1 m² | 0,88 m | - | • |
| 3058EPZ | Sheep rocker | 1+ | 1 | 0.6 m | 10 m² | 0,84 m | • | - |
| 3058EPZK | Sheep rocker | 1+ | 1 | 0.6 m | 10 m² | 0,84 m | - | • |

Spring rockers ·





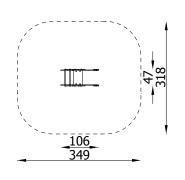




new colour!



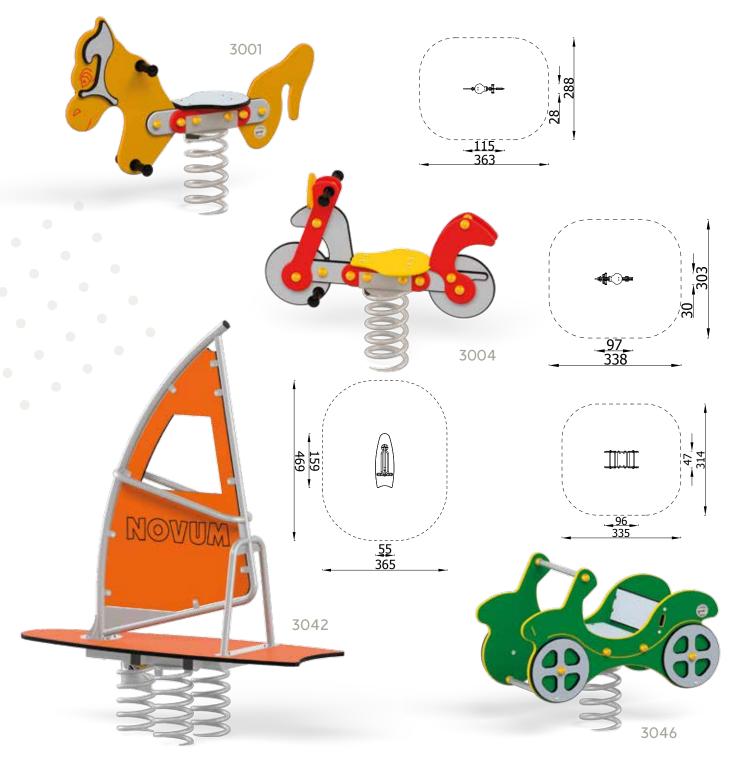






| Catalog number | Name | Age | Number of users | Maximum fall height | Total safe area zone | Device height | concrete base | metal base |
|-------------------|----------------|-----|-----------------|------------------------|-------------------------|------------------|------------------|---------------|
| 30104EPZ | Board rocker | 1+ | 2 | 0.6 m | 8.5 m ² | 0,6 m | • | - |
| 30104EPZK | Board rocker | 1+ | 2 | 0.6 m | 8.5 m² | 0,6 m | - | • |
| 30105EPZ | Board 3 rocker | 1+ | 3 | 0.6 m | 9 m² | 0,6 m | • | - |
| 30105EPZK | Board 3 rocker | 1+ | 3 | 0.6 m | 9 m² | 0,6 m | - | • |
| 3032EPZ | Plane rocker | 1+ | 1 | 0.6 m | 10.5 m² | 0,8 m | • | - |
| 3032EPZK | Plane rocker | 1+ | 1 | 0.6 m | 10.5 m² | 0,8 m | - | • |

The best-selling spring rockers NOVUM in new, refreshed colors!



| Catalog number | Name | Age | Number of users | Maximum fall height | Total safe area zone | Device height | concrete base | metal base |
|-------------------|-------------------|-----|--------------------|------------------------|-------------------------|------------------|------------------|---------------|
| 3001EPZ | Horse rocker | 1+ | 1 | 0.6 m | 10 m² | 0,86 m | • | - |
| 3001EPZK | Horse rocker | 1+ | 1 | 0.6 m | 10 m² | 0,86 m | - | • |
| 3004EPZ | Scooter rocker | 1+ | 1 | 0.6 m | 9.5 m² | 0,82 m | • | - |
| 3004EPZK | Scooter rocker | 1+ | 1 | 0.6 m | 9.5 m² | 0,82 m | - | • |
| 3042EPZK | Windsurfer rocker | 3+ | 2 | 0.6 m | 15.5 m² | 1,9 m | - | • |
| 3046EPZ | Auto | 1+ | 1 | 0.6 m | 10 m² | 0,75 m | • | - |
| 3046EPZK | Auto | 1+ | 1 | 0.6 m | 10 m² | 0,75 m | - | • |





Load-bearing poles made of square 90 x 90 mm profile, protected against corrosion by the zinc layer



the ground to a depth of

Handrails made of steel pipes protected against corrosion by the zinc layer and powder coating. All connectors and fittings resistant to weather conditions and

CHARACTERISTICS OF THE COLLECTION

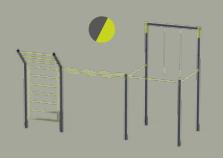
StreetWorkout

in three new color versions



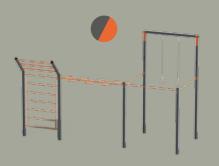


Our streetworking devices enjoy unflagging popularity, which more and more often constitute separate zones for sports enthusiasts in large agglomerations and smaller towns. However, in order to be able to adapt to the contemporary space even more, we offer 3 new color versions of the collection – lime, orange and yellow.



A - Lime

· ORANGE



B - Orange

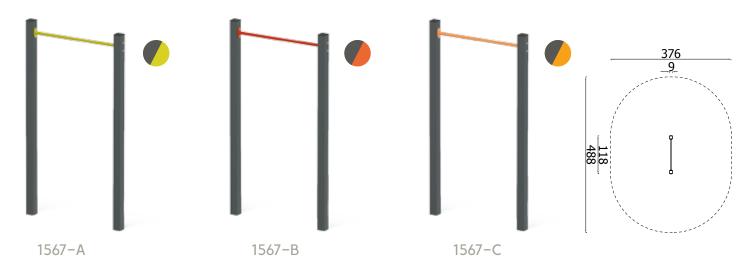
· YELLOW



C - Vallow

Devices in 3 color versions

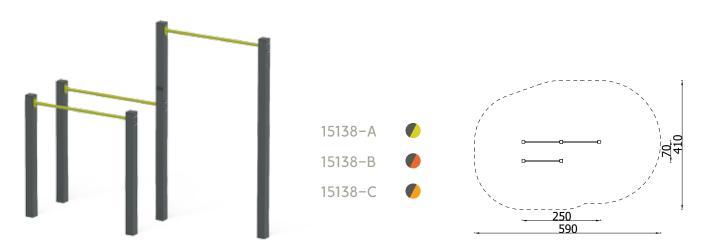
Street workout single high bar



Street workout bars

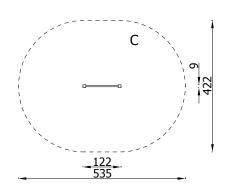


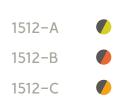
Street workout 138



| Catalog number | Name | Age | Number of users | Maximum fall height | Total safe area zone | Device height | wood version | metal version |
|-------------------|-------------------------------------|-----|-----------------|------------------------|-------------------------|------------------|-----------------|------------------|
| 1567-A | Street workout single high bar Lime | 14+ | 1 | 2.02 m | 16 m² | 2,13 m | - | • |
| 1563-A | Street workout bars Lime | 14+ | 2 | 2.43m | 21.5 m² | 2,53 m | - | • |
| 15138-A | Street workout 138 Lime | 14+ | 2 | 2.04 m | 20.30m² | 2,11 m | - | • |

Climbing rope from the Street Workout series for calisthenic exercises, i.e. based on training using your own body weight. These spectacular exercises develop all muscle groups, improve coordination, condition and strength. The rope and the structure of the device are extremely solid, made of the highest quality materials resistant to weather conditions.

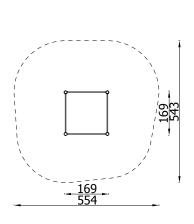


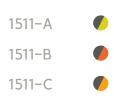


Street Workout ·



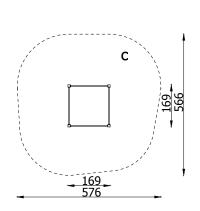
Pull-up bars







High pull-up bars

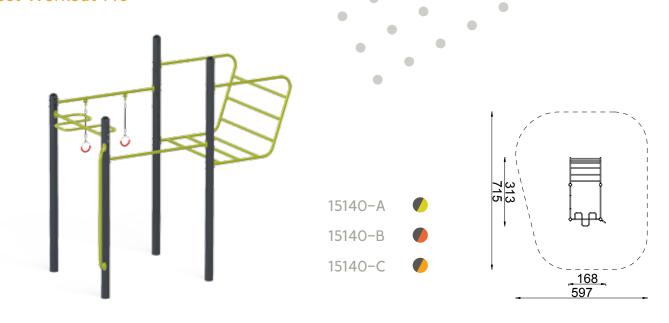




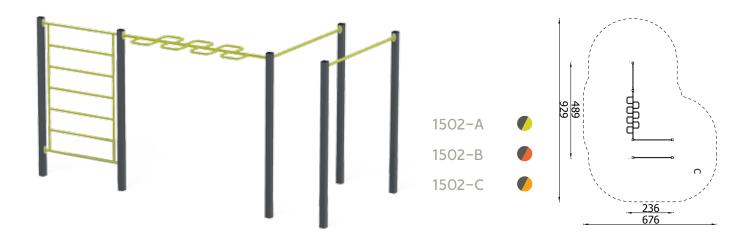


| Catalog number | Name | Age | Number of users | Maximum fall height | Total safe area zone | Device height | wood version | metal version |
|-------------------|------------------------|-----|--------------------|------------------------|-------------------------|------------------|-----------------|------------------|
| 1512-A | Climbing rope Lime | 14+ | 1 | 2.35 m | 18.50 m² | 2,41 m | _ | • |
| 1511-A | Pull-up bars Lime | 14+ | 4 | 2.14 m | 26 m² | 2,21 m | _ | • |
| 1508-A | High pull-up bars Lime | 14+ | 4 | 2.34 m | 28 m² | 2,41 m | - | • |

Street Workout 140



Street Workout 02



Street Workout 03



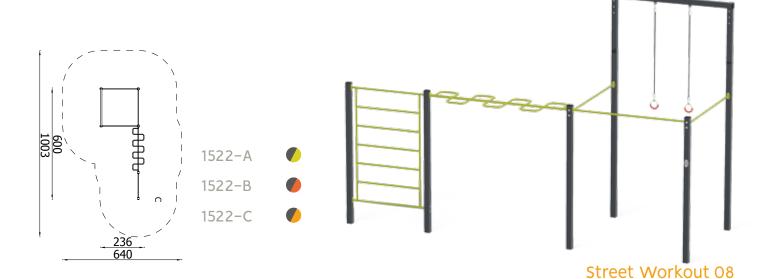
| Catalog number | Name | Age | Number of users | Maximum fall height | Total safe area zone | Device height | wood version | metal version |
|-------------------|-------------------------|-----|-----------------|------------------------|-------------------------|------------------|-----------------|------------------|
| 15140-A | Street workout 140 Lime | 14+ | 5 | 2.35 m | 37.50 m² | 3,04m | - | • |
| 1502-A | Street workout 02 Lime | 14+ | 3 | 2.34 m | 48 m² | 2,41 m | - | • |
| 1509-A | Street workout 03 Lime | 14+ | 3 | 2.34 m | 45 m² | 2,41 m | - | • |

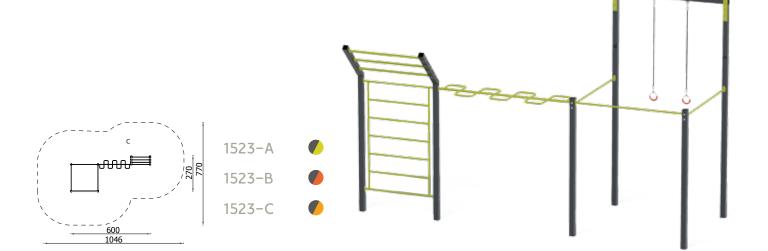
A set of Street Workout devices for performing exercises based on training with the use of your own body weight. It enables training of 4 people at the same time. These spectacular exercises develop all muscle groups, improve coordination, condition and strength. The set is extremely solid, made of the

highest quality materials resistant to weather conditions.

Street Workout ·

Street Workout 07

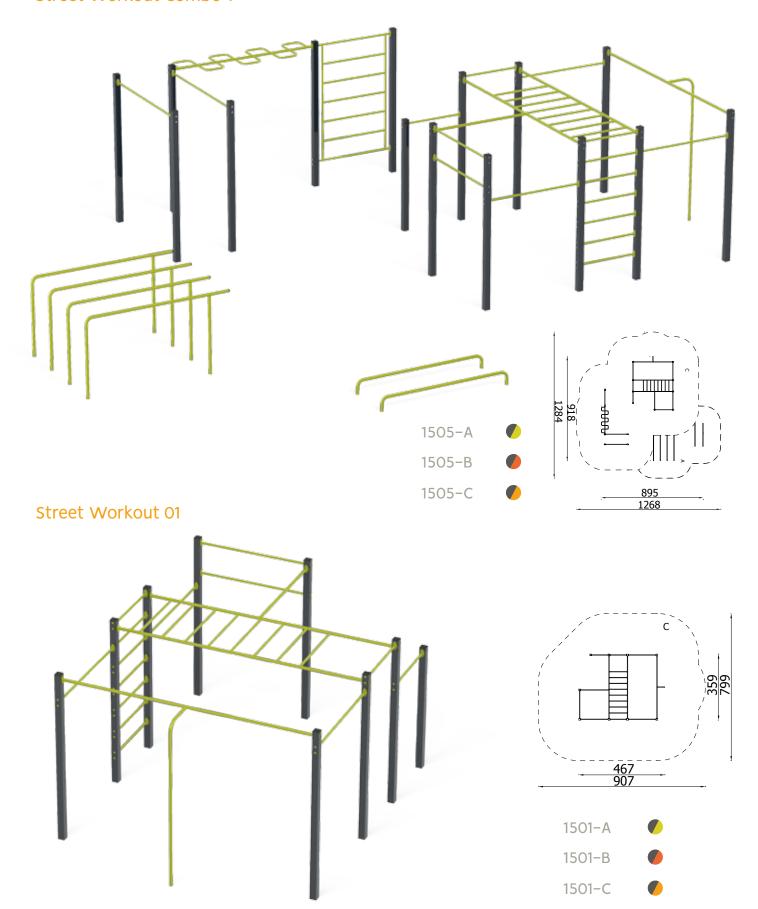






| Catalog number | Name | Age | Number of users | Maximum fall height | Total safe area zone | Device height | wood version | metal version |
|-------------------|------------------------|-----|--------------------|------------------------|-------------------------|------------------|-----------------|------------------|
| 1522-A | Street workout 07 Lime | 14+ | 4 | 2.34 m | 50 m² | 3,82 m | _ | • |
| 1523-A | Street workout 08 Lime | 14+ | 4 | 2.99 m | 66.50 m ² | 3,85 m | - | • |
| 1525-A | Street workout 09 Lime | 14+ | 3 | 1.82 m | 22 m² | 1,88 m | - | • |

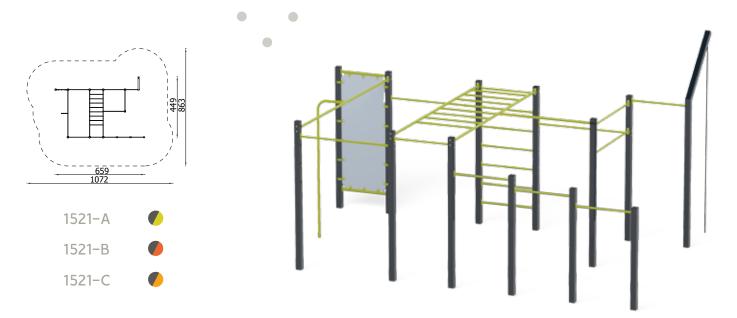
Street Workout 09

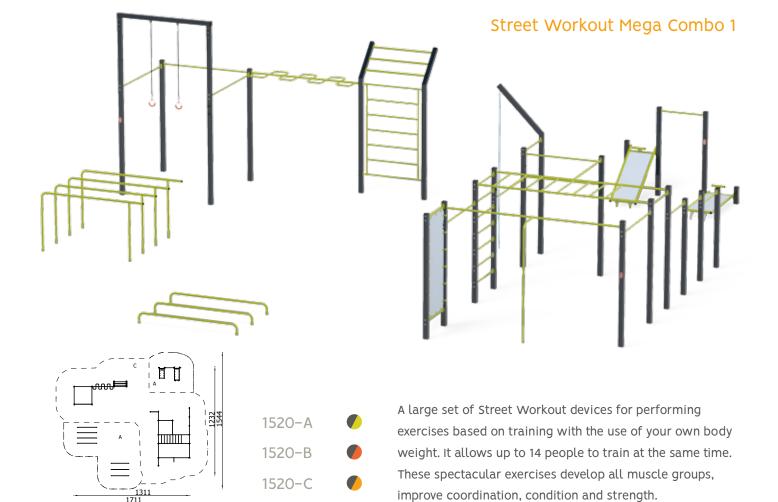


| Catalog number | Name | Age | Number of users | Maximum fall height | Total safe area zone | Device height | wood version | metal version |
|-------------------|-----------------------------|-----|-----------------|------------------------|-------------------------|------------------|-----------------|------------------|
| 1505-A | Street workout combo 1 Lime | 14+ | 14 | 2.34 m | 125 m² | 2,41 m | - | • |
| 1501-A | Street workout 01 Lime | 14+ | 8 | 2.34 m | 62.70 m² | 2,41 m | - | • |

Street Workout ·

Street workout 06





| Catalog number | Name | Age | Number of users | Maximum fall height | Total safe area zone | Device height | wood version | metal version |
|-------------------|--------------------------------|-----|--------------------|------------------------|-------------------------|------------------|-----------------|------------------|
| 1521-A | Street workout 06 Lime | 14+ | 14 | 2.35 m | 77 m² | 3,37 m | - | • |
| 1520-A | Street workout mega combo Lime | 14+ | 22 | 2.99 m | 209 m² | 3,85 m | - | • |

Park benches and tables

functional and comfortable



diverse stylistics and design enable installation in any space





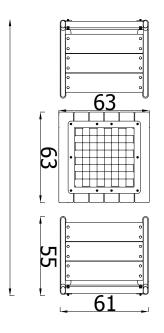
stable structure and the highest quality varnished wood, powder coated frame, easy to maintain, resistant to corrosion and weather conditions





ergonomic shape, ensuring convenience and comfort of use

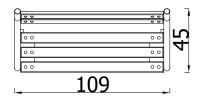
Benches and tables ·







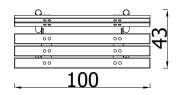
Children's bench with armrest







50146 Children's bench









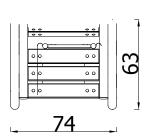




ANEW



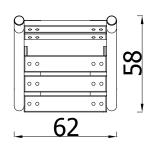
50150 Spartan Chair



ANEW



50149 Gladiator Chair





















MPfP° – Modular Platform for Playground – innovation for the 21st century!



- PLAYGROUND ON READY-MADE CONSTRUCTION
- WITHOUT SAND, GRAVEL AND CONCRETE SUBSTRUCTURE
- NO COMPLICATED EARTHWORKS
- ASSEMBLY IN ONE DAY
- POSSIBILITY OF EASY RELOCATION

MPfP® is a complete, ready-made playground based on a modular structure that allows for foundation in the ground WITHOUT any earthworks. MPfP® omits the work related to the creation of a multi-layer, demanding and costly aggregate substructure and the need for device foundations. Nevertheless, MPfP® has a safe SBR + EPDM rubber surface required by the EN 1177 standard.

This solution LOWERS the installation COST to a maximum! REDUCES CONSTRUCTION TIME and facilitates the operation and relocation of the playground in the future, and possible repairs consist in the quick replacement of modules.









The product was created as a result of the project implementation under sub-measure 3.2.1 Research for the market, under the Smart Growth Operational Program from the ERDF funds

An innovative and unprecedented MPfP® playground construction system

The idea was born in the mind of the owner and president of the board of LAC-MET, who, looking at the problems related to the assembly of playgrounds for many years, came up with an innovative idea of mounting play devices on prefabricated MPfP [®] Modular Platforms for Playgound. He started working in the previously established Research and Development department of LAC-MET, which resulted in the preparation of the project and the execution of tests on the created prototype. The project was co-financed by the Polish Agency for Enterprise Development (PARP).









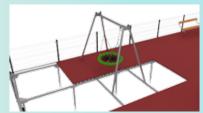
Innovative technology completely changes the approach to the construction of playgrounds. The new product does not require time-consuming and costly substrate preparation. The developed structure is based on leveled anchors on the ground, to which frames with a safe surface and play equipment are mounted. Individual elements for assembly will be delivered to the construction site in the form of ready-made prefabricated elements intended for quick assembly directly on the construction site with the use of fasteners. The developed technology makes it possible to significantly shorten the construction time of the ready playground. Unfavorable weather conditions do not affect the possibility and quality of assembly. MPfP® also enables easy disassembly of devices in order to move them to another place and definitely facilitates the necessary repairs (a damaged module can be easily disassembled and replaced with a new one without excluding the playground from use for many days).



The entire playground is based on a modular, steel structure.



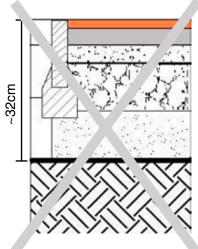




Installation in the ground with readymade anchors

Frame with a safe surface and device

The surface is made of ready modules covered with EPDM



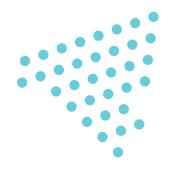
- EPDM polyurethane surface
- SBR polyurethane surface
- crushed stone, 0-5mm, thickness 5cm
- crushed aggregate 0-31.5mm, thickness 15cm
- fossil sand 10 cm thick
- non-woven fabric
- ground



The demanding and expensive foundation made of various types of aggregates has been replaced with an openwork, steel grate made in the MPfP® technology, on which a safety rubber SBR and EPDM surface is embedded.

The most important information:

Dimensions of the presented playground: 144 m2 (12x12 m) Finished SBR and EPDM surface in accordance with EN 1177 Construction of devices: stainless steel (pipe diameter 76 mm), HPL, HDPE, polypropylene ropes



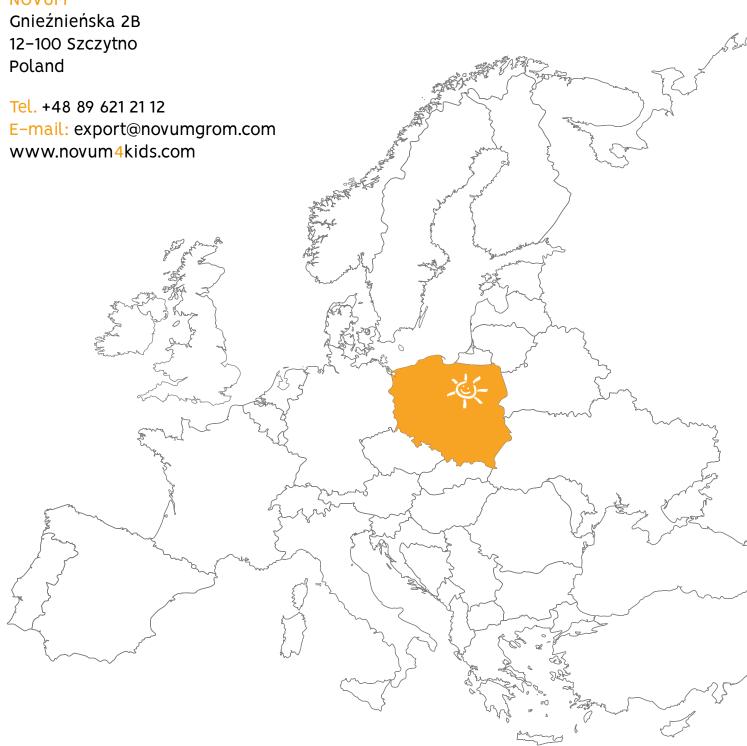








NOVUM



We export to over 40 foreign countries, but we are still looking for new distributors!