

2025/2026



PLAYGROUND

and Outdoor Equipment

Welcome to the world of play!

We are proud to present the latest NOVUM 2025 catalog – filled with inspiration, innovative solutions, and equipment that transforms any playground into a space full of joy and creativity.

Our offering features the newest additions, from majestic towers inviting thrilling climbs to brand-new ships and unique playground collections designed for both toddlers and older children. Among the novelties, you will also find eco-friendly solutions – playgrounds made from recycled materials, created with the future of our planet in mind.

Let our projects inspire you to create spaces that bring joy to children and support their holistic development.

The NOVUM team

Contact



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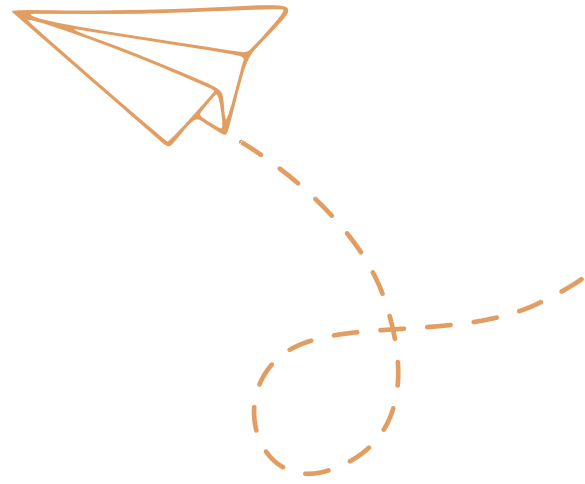


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www.novum4kids.com

Follow our social media accounts: Facebook, Instagram, LinkedIn. See you there!



Ecological approach

We place great importance on caring for the natural environment. Our approach to designing and manufacturing playgrounds is based on sustainable, responsible choices of materials and processes that minimize our impact on the planet.



We use wood from certified, renewable sources, ensuring that the natural wealth of forests remains intact. Our raw material sourcing processes are carefully monitored to support sustainable forest management. We hold the FSC® certification. FSC® establishes standards based on the principles of responsible forest management, supported by environmental, social, and economic stakeholders.



One of the key aspects of our production is the use of recycled materials. The steel used in our products contains 30 to 40% reclaimed materials. HDPE panels and posts in our ECO collections are made from recycled fishing nets, as well as processed textiles and plastic waste.



We pay special attention to ensuring that our delivery processes are also environmentally friendly. Our delivery fleet is dispatched only when fully loaded, reducing CO2 emissions and minimizing our carbon footprint. This approach makes our transport solutions both efficient and planet-friendly.

Furthermore, as a company, we hold the ISO 9001:2015 quality certification, which confirms our commitment to continuous process improvement and adherence to the highest quality standards, all while respecting the environment.

Development and education

Our playgrounds are not just spaces for active recreation but also unique educational tools that support the holistic development of children. Each piece of equipment is designed to stimulate physical growth as well as cognitive, social, and emotional skills. This way, play becomes an integral part of the learning process.



Physical development

Our playgrounds support the comprehensive physical development of children, encouraging outdoor activity. Ladders, swings, and slides help strengthen muscles, improve motor coordination, and develop a sense of balance.

Creative play

With manipulative elements such as game panels or interactive walls, children develop their imagination and manual skills. Playing in an environmentally friendly setting stimulates their creativity and spatial thinking.



Social development

Our playgrounds provide a space where children learn cooperation and communication with their peers. Playing together fosters teamwork skills and helps build social bonds.

Emotional balance

Playground activities have a positive impact on children's emotional development. By creating friendly and safe spaces, we help build self-confidence, foster patience, and develop resilience in facing challenges.



Exploration and learning

NOVUM's themed playgrounds provide children with the freedom to explore their surroundings while teaching them to live in harmony with nature. With elements inspired by the natural environment, children develop ecological awareness and learn to care for the world around them.

Production

Our production is based on an extensive machinery park, enabling us to execute even the most advanced and innovative projects. Complete control over the production process is crucial to us, which is why all playground components are manufactured in our own production facility. This allows us to guarantee not only high-quality craftsmanship but also the safety and durability of our equipment.

When selecting materials, we always choose the best available resources. We use only top-grade steel and wood, ensuring the strength and aesthetics of our playgrounds. Our professional machinery park, equipped with the latest technologies, enables us to create complex structures that are not only visually appealing but also safe and functional.



TRUMPF 3 kW laser

Equipped with automatic loading, beveling capabilities, thermal drilling, and threading for pipes and profiles up to 6500 mm in length.



FANUC welding robot

Dual-station robot for MIG, MAG, and PULSE welding of components with maximum dimensions of 1500x3400 mm.



Six professional CNC machining centers

Including two large-format Kimla machining centers.



Pneumatic blasting chamber

For blasting with dimensions of 3000x4000x8000 mm.



Zinc thermal spray metallizing device

For components of any size.



Powder coating facility

Featuring 3 booths, 2 ovens for powder coating components up to 4500 mm in length, and 2 ultrasonic washers.

Quality and guarantee

Choosing NOVUM is an investment in safety and play that stands the test of time. At NOVUM, safety is not just a standard – it is the foundation of everything we do. Our unwavering commitment to creating secure play environments is reflected in our products, which hold all necessary certifications, ensuring compliance with current standards. We also hold the ISO 9001:2015 certification.

The trust of our clients is of utmost importance to us, which is why we offer:



30-year warranty on stainless steel posts



10-year warranty on HPL/HDPE components



10-year warranty on acacia wood



5-year warranty on structural metal components



3-year warranty on wooden components



2-year warranty on all other components



Additionally, to ensure long-term use of our products, we guarantee a 10-year availability of spare parts.

We assure you that partnering with NOVUM is an investment in safety and play that will stand the test of time.

Components

Understanding how crucial safety and satisfaction are for our youngest users, we make every effort to ensure that our products are synonymous with the highest quality. We pay special attention to the selection of components used in our playgrounds. For us, choosing the best materials is not just a promise – it is the foundation on which we build our clients' trust.



SQUARE-PROFILE WOODEN POSTS

Load-bearing posts with a square profile made from selected, laminated wood with longitudinal grooves. Coated with colored glaze, they are crafted from knot-free, smooth wood, ensuring an aesthetic appearance and durability. The tops are protected with plastic caps.



ROUND-PROFILE STEEL POSTS

Steel posts with a round profile, coated with a layer of zinc and powder-painted. The tops are protected with plastic caps.



ROUND-PROFILE WOODEN POSTS

Load-bearing posts with a round profile made from selected, laminated wood with longitudinal grooves. Coated with colored glaze, they are crafted from smooth, selected wood. The tops are protected with plastic caps.



STAINLESS STEEL POSTS I

Load-bearing posts made of stainless steel with a round profile, finished with HDPE components.



ROBINIA ACACIA POSTS

High-quality, durable acacia wood. The beams and posts feature a natural, irregular shape, giving them a unique character. They require no maintenance.



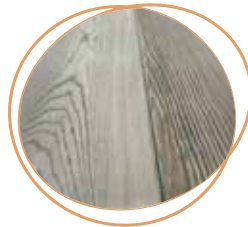
STAINLESS STEEL POSTS II

Load-bearing posts made of stainless steel with a round profile, topped with unique wooden elements featuring a tapered shape.



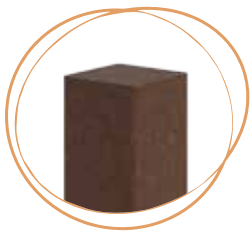
CORE-FREE WOODEN POSTS

Load-bearing posts with a square profile made from core-free pine wood, vacuum-pressure impregnated to significantly extend the wood's lifespan and protect it from moisture, fungi, and mold.



PINEWOOD BOARDS

Pinewood boards, vacuum-pressure impregnated. This method preserves their natural aesthetics while significantly enhancing their durability.



RECYCLED POSTS

Made from composite material derived from recycled textiles and plastic waste. This combination acts as reinforcement within the structure of the posts, making them exceptionally sturdy. They are weather-resistant and require no maintenance.



ALDER WOOD BOARDS

Used in the platforms of the Retro collection. They undergo precise and detailed processing, making them exceptionally durable, weather-resistant, and wear-resistant.



SQUARE-PROFILE STEEL POSTS

Load-bearing posts made of square-profile steel, galvanized and powder-coated. The tops are secured with fitted plastic caps.



ROBINIA ACACIA WOOD BOARDS

Exceptionally smooth Robinia acacia wood boards with rounded edges and unique grain patterns, naturally resistant to weather conditions, insects, and fungi. They require no impregnation.



STEEL COMPONENTS

All steel components are galvanized and powder-coated with structural paint.



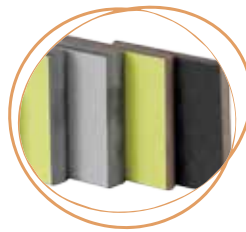
ANCHORS

Wooden posts are mounted on galvanized steel anchors, which isolate the wood from the ground.



HDPE

Roof and guard panels made from highly durable and weather-resistant HDPE polyethylene boards.



HPL

High-pressure laminate (HPL) boards made from duroplastic, layered high-pressure laminate, offering exceptional resistance to changing weather conditions. They are rot-proof and corrosion-resistant.



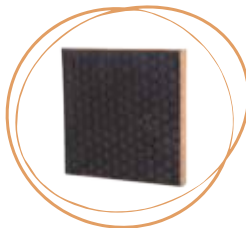
PLEXIGLASS

Organic/acrylic glass in the form of colorful, transparent panels, dyed throughout the material. UV-resistant.



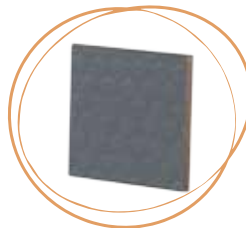
ROPES

Polypropylene ropes reinforced with a steel core, with connectors made of high-quality plastic and aluminium.



ANTI-SLIP PLYWOOD

Waterproof material with a hexagonal pattern, used in platforms. Extremely durable and wear-resistant.



ANTI-SLIP HPL

Weather-resistant material used in platforms, mounted on a metal frame. Extremely durable and wear-resistant, with a top layer featuring an aesthetic hexagonal pattern.



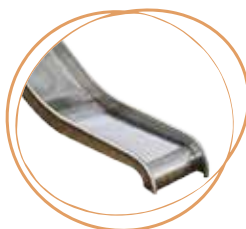
POLYETHYLENE SLIDES

Slides made of colorful polyethylene (PE), resistant to impacts, scratches, and changing weather conditions.



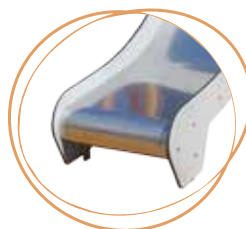
HANDLES AND GRIPS

Made of high-quality polyamide, characterized by high resistance to wear and temperature variations. They have anti-slip properties.



STAINLESS STEEL SLIDES

Made entirely of stainless steel with an exceptionally smooth surface. Highly resistant to changing weather conditions.



STEEL AND HDPE SLIDES

Slides with stainless steel sliding surface and HDPE sides. The sliding surface is reinforced with channel bars, and a sealing gasket is added to dampen noise and reduce vibrations.



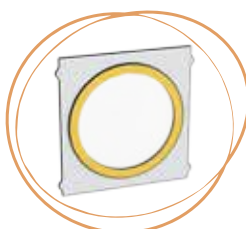
CAPS

Screw covers made of high-quality PE plastic. Resistant to damage and weather conditions.



FITTINGS

All fittings and connectors are made of stainless steel.



PORTHOLES

Made of transparent, durable, UV-resistant polycarbonate (PC).



TUNNELS

Dual-layer, structural tunnels made of polyethylene and polypropylene (PE, PP). Highly resistant to impacts, abrasion, and changing weather conditions.



CLIMBING STONES

Made of resin and quartz sand, available in various shapes and colors. Extremely durable and weather-resistant.

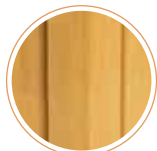


SWING SEATS

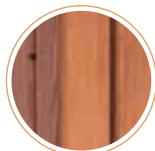
Made of thermoplastic vulcanizate (TPV) molded using injection technology. The seats are reinforced with an injection-molded PA insert. Chains are hot-dip galvanized.

Colours

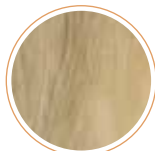
WOOD



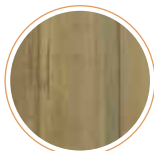
orange



walnut



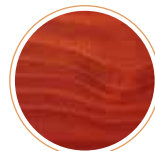
robinia



straw



teak

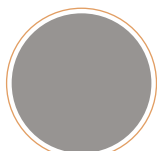


mahogany



rosewood

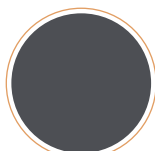
STEEL



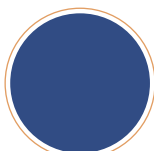
RAL 7037



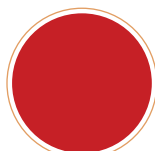
RAL 1003



RAL 7016



RAL 5002



RAL 3020



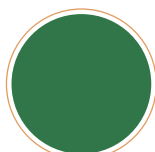
PANTONE 583C



RAL 2004



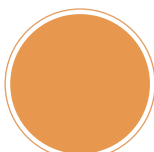
RAL 1017



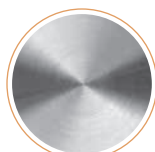
RAL 6029



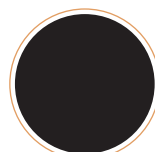
RAL 6011



RAL 1034



STAINLESS
STEEL

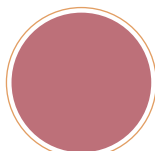


RAL 9005

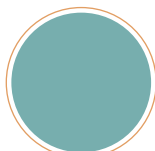
HDPE



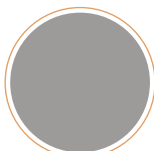
RAL 6021



RAL 3014



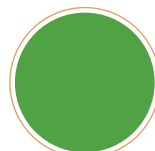
RAL 6034



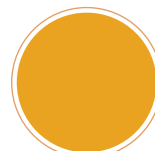
RAL 9006



NCS S 1060-
G60Y



RAL 6018



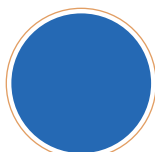
RAL 1003



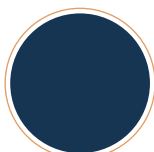
RAL 2004



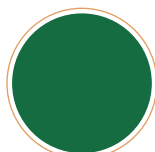
RAL 3020



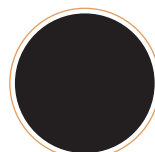
RAL 5015



RAL 5003



ECO



RAL 9005

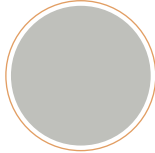
HPL



NCS S 1060-
G60Y



RAL 2000



RAL 7038

ROPES



black



blue



beige



red

PLEKSI GLAS



transparent



yellow



green



red

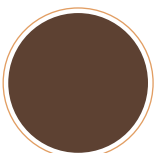


blue

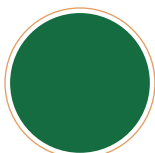


orange

RECYCLING

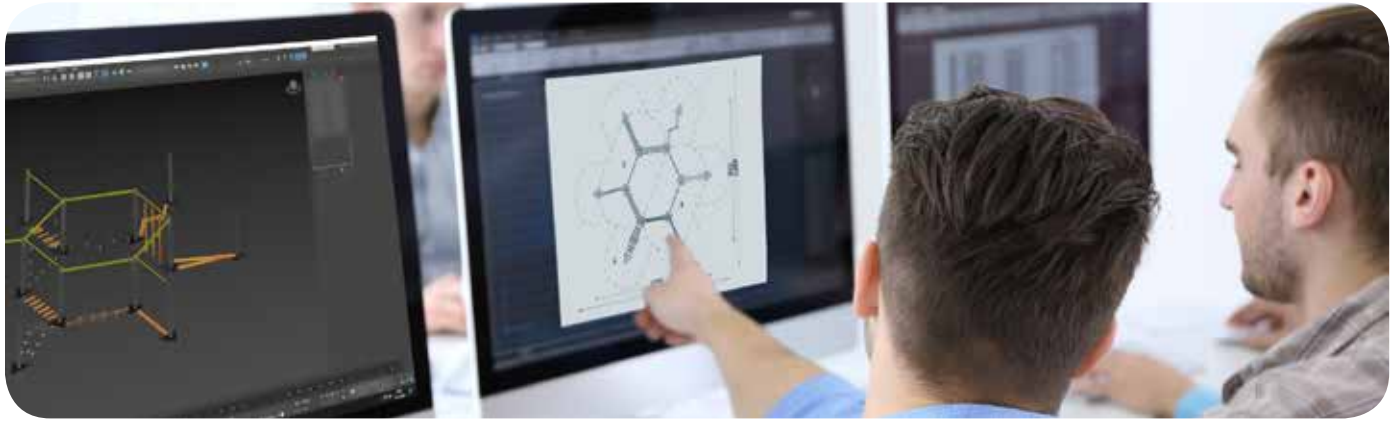


umber
(posts)



ECO
(HDPE board)

Designing



Idea

STEP 1

Everything starts with an idea. Consider what functions the playground should fulfill and who will be using it. Need support with this? We are at your service!

Selection of equipment and safety surfaces

STEP 2

When choosing specific equipment, it's important to consider not only their appeal but also safety and durability. In our offer, you'll find a wide range of certified playground equipment that meets all current standards. Unsure which equipment to choose? Wondering which safety surface is necessary? Feel free to contact us! Our experienced consultants will guide you and tailor the offer to your needs and budget.

Project

STEP 3

Once the idea is defined, it's time for the design. Take advantage of our professional support in designing your playground—we will consider the site conditions based on the map, place the equipment on the plan—keeping in mind safety zones, technical requirements, and attractive solutions that meet the needs of users. Our experience allows us to create play spaces that are not only safe but also support children's development.

Visualization

STEP 4

We have experience in creating professional, photorealistic 3D visualizations of playgrounds. With these, you can see how the playground will look in your location and have the opportunity to use the provided graphic materials for advertising purposes.

READY!

Project for your playground is ready!

Contact us to start the implementation of your investment!

A few words about safe surfaces for playgrounds

Ensuring proper ground cover around playground equipment is essential for safety, as outlined by the PN-EN 1176 standard. The type of surface selected depends primarily on the height of free fall, which can be found in the technical specifications of our equipment. For a maximum fall height exceeding 1 meter, we recommend using one of the following materials:

LOOSE MATERIALS



TYPES: Sand, bark, wood chips, shredded rubber, or gravel
KEY INFORMATION: Specific details are provided in the table below.

Material type	Additional information in mm	Minimum thickness in mm	Minimum fall height in mm
Concrete / stone / asphalt		-	≤ 600 (EN1176)
			≤ 1000 (EN16630)
Soil		-	≤ 1000 (EN1176)
			≤ 1200 (EN11630)
Turf		-	≤ 1000 (EN1176)
			≤ 1500 (EN11630)
Bark	grain size from 20 to 80	200 + 100 for movements	≤ 2000
		300 + 100 for movements	≤ 3000
Woodchips	grain size from 5 to 30	200 + 100 for movements	≤ 2000
		300 + 100 for movements	≤ 3000
Sand or gravel	grain size from 0,2 to 8	200 + 100 for movements	≤ 2000
		300 + 100 for movements	≤ 3000

WHAT TO KEEP IN MIND? Loose material surfaces require regular checks to maintain the correct level and replenish any shortages. However, due to their relatively low installation cost, these surfaces are very popular and widely used.

SYNTHETIC MATERIALS



TYPES: Poured surfaces or rubber tiles.

KEY INFORMATION: Available in a wide range of colors, synthetic surfaces are low-maintenance and durable.

WHAT TO KEEP IN MIND? Regular cleaning is necessary to remove trash, such as broken glass, but beyond that, maintenance is minimal.

Material type	Additional information in mm	Minimum thickness in mm	Minimum fall height in mm
SYNTHETIC MATERIALS	according to the head injury criteria (HIC) as defined in the standard	-	≤ 3000 critical fall height according to test

ARTIFICIAL GRASS



KEY INFORMATION: A more affordable option compared to synthetic surfaces.
WHAT TO KEEP IN MIND? While cost-effective, artificial grass is not maintenance-free. It requires periodic filling, replenishment, and regular combing using specialized tools.

Material type	Additional information in mm	Minimum thickness in mm	Minimum fall height in mm
ARTIFICIAL GRASS	synthetic grass on a special foundation	-	≤ 3000 critical fall height according to test

Inspections



The proper technical condition of a playground is crucial for the safety of its users. According to the regulations derived from the PN-EN-1176-1 standard, in order to enhance the safety of children on playgrounds, it is recommended that the owner or manager of the playground follows the guidelines of this manual and conducts appropriate inspections according to the schedule below.

1

Regular inspection

The purpose of a visual inspection is to identify obvious hazards that could result from vandalism, weather damage, or littering of the playground (such as broken glass). The inspection should be carried out at least once a week.

2

Functional inspection

A functional inspection is a review aimed at checking the functionality and stability of the equipment, particularly focusing on wear and tear. The inspection should be carried out quarterly. The inspection covers the following: cleanliness, gaps between the equipment and the ground surface, the condition of the surface, exposed foundations, sharp edges, missing structural elements, excessive wear of moving parts, and the completeness and integrity of the structure.

3

Annual main inspection

An inspection conducted at intervals not exceeding 12 months is intended to assess the overall safety level of the equipment, the condition of the foundations, surfaces, the impact of weather conditions, signs of decay or corrosion, as well as changes in safety levels resulting from repairs or replaced components. The main inspection should be carried out by individuals with knowledge of current standards and appropriate experience.

Important!

We remind you that maintaining a playground inspection logbook is an important tool for conducting inspections, where the date, remarks, and details of the person conducting the inspection are recorded. The above procedures are the essential minimum to ensure that children can play safely and carefree.

Transport and installation

We understand that comprehensive service is the key to the success of any playground project. That's why we offer additional paid services for transport and installation. This ensures the highest quality and safety at every stage of the investment—from delivering the equipment to the final destination to professional installation. It's worth noting that by choosing our professional services, you're investing in the certainty that the playground will serve safely for many years. We ensure that the flexibility of our offer allows it to be tailored to individual needs and financial possibilities, guaranteeing the highest quality of execution.



Packing

It is important to us that every component of our playgrounds reaches the customer in perfect condition. Therefore, our quality control experts closely supervise the process of securing the loads. The packing method we use guarantees that all elements of the order are properly protected against shifting and damage.



Delivery

We make every effort to ensure that the delivery process is both eco-friendly and efficient. Our transport solutions aim to minimize the carbon footprint, which is why our delivery fleet only hits the road when fully loaded, reducing CO2 emissions and contributing to the protection of our planet. When placing an order, we provide information regarding the delivery time and the expected date of equipment delivery. The method, date and cost of delivery are each time agreed by the Parties before shipment. We comprehensively organize transport to the place indicated by the Client. However, the full cost of transportation is borne by the Customer. The customer is obliged to collect the finished product within 2 weeks of packing it. After this time, storage costs will begin to accrue.





































Installation

Proper installation of playground equipment is crucial not only for maintaining the warranty but, most importantly, for the safety of children. That's why we include professional and comprehensive installation instructions with the ordered equipment.

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