Buglo

# 9527



## Information about the product

| | |
|---|---|
| Dimensions | 1018 x 952 cm |
| Safety zone | 1327 x 1373 cm |
| Safety zone area | 115 m² |
| Overall height | 327 cm |
| Free fall height | 269 cm |
| Amount of users | 70 |
| Highest element | 320 cm |
| Heaviest element | 45 kg |
| Product complies with EN 1176-1:2017-12 | Yes |
| Availability of spare parts | Yes |
| Age range | 3 - 12 |

According to EN 1176-1:2017-12 norm, the product requires applying a safety surface according to the product's free fall height.

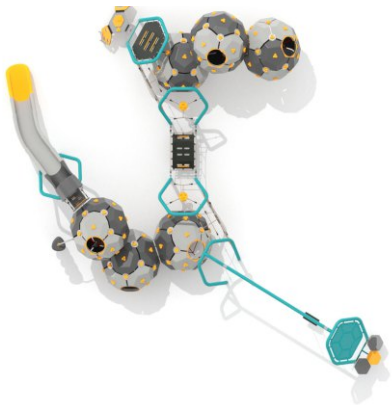
## Technology

**SHAPE**
WAVE MASTER

A method that allows pipes to be bent at any angle while preserving the integrity of the steel surface, enabling sleek and flexible structures.

**ROTO**
FORM MASTER

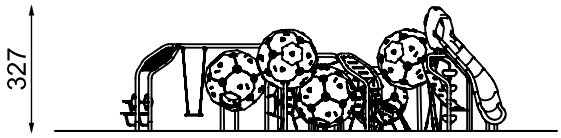
A technique that allows LDPE (low-density polyethylene) to be moulded into any desired shape. This results in components that are lighter, yet durable.

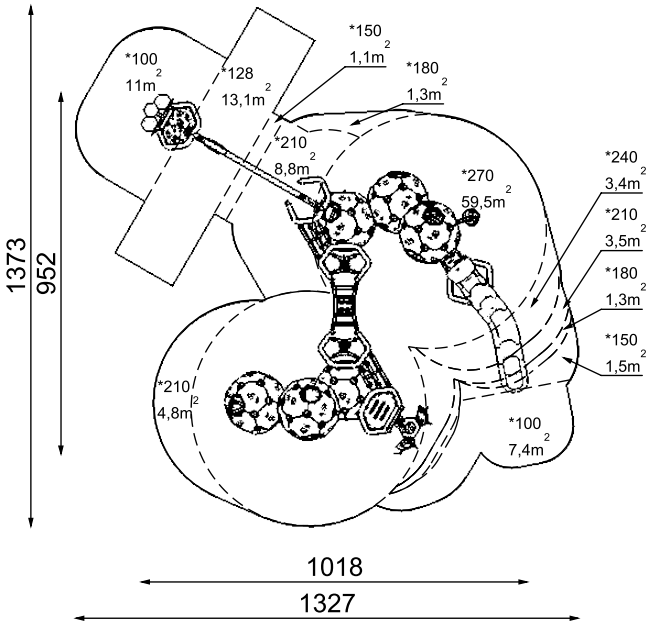


## Functions

- Climbing
- Socializing
- Sliding
- Emotion regulation
- Grasping
- Balancing
- Swinging

# 9527



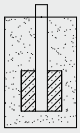

1:200

Due to the height of the free fall of the product,
the EN 1176-1:2017-12 norm allows following types of fall- absorbing surfaces:

| Material | Description | Minimal layer thickness mm |
|---|---|---|
| Bark | Chipped bark of coniferous trees (no wood-based materials), the size of the pieces between 20mm to 80mm | 300 |
| Wood chips | Mechanically fragmented wood without bark and leaves, size of the pieces between 5 mm to 30 | 300 |
| Sand or gravel | Particle size between 0,25 mm to 8 mm | 300 |
| Synthetic material | Synthetic material with an approval for free fall heights ≥ 2690 mm | |

All types of surfaces need to be preserved by adding bulk material and removing extraneous matters. Broken glass is considered to be most hazardous.

## Installation method



**in the ground**

## Warranty

**Lifetime**

The warranty covers the durability of components made of HDPE (high-density polyethylene), as well as the structural integrity of components made of black steel that has been powder galvanised and powder coated, stainless steel, and components made of hot-dip galvanised steel.

**10 years**

The Guaranty covers all flaws of the elements made of HPL, HDPE, stainless steel, hot-dip galvanized steel, wooden elements (pine, spruce), revealed during usage, which arise from manufacturing reasons.

**5 years**

The Guaranty covers all flaws of the elements made of powder coated steel, aluminum, laminate, ropes, elements made in rotomoulding technology, elements made of polyamid, polypropylene elements, revealed during usage, which arise from manufacturing reasons.

**2 years**

The Guaranty covers all flaws of the elements made of rubber, moving elements ( bearings, joints), electronic elements, elements made of EPDM, elements made of plywood and other not mentioned before revealed during usage, which arise from manufacturing reasons.

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## Product description

**Climbing set consisting of six Bubbles, a slide and a swing**

**Dimensions:**

- Equipment Dimensions: 1018 x 952 cm
- Safety zone: 1327 x 1373 cm
- Total height: 327 cm
- Free fall height: 269 cm

**Materials:**

**Hexagon-shaped frame**, made of steel pipes with a minimum diameter of 88.9 mm, manufactured from black steel, shot-blasted and protected against corrosion by zinc-rich primer in powder and powder coating.

**Bubbles spheres** manufactured using the rotational moulding method from LDPE. Each sphere features four openings with a diameter of 50 cm. The internal surface has a delicate anti-slip texture and is additionally fitted with a polypropylene pp-multisplit rope net (16 mm diameter). Climbing stones made from a blend of aggregates and coloured polyester resins facilitate climbing on the spheres. The Bubbles are supported on load-bearing posts made of stainless steel pipe, minimum 60.3 × 3.0 mm.

**Modular polyethylene slide**, including the starting section, manufactured by rotational moulding from LDPE material. Slide handrails made of stainless steel, cleaned in the process of bead blasting.

**Climbing module** made of a bent tube formed into a hexagon shape, with a climbing element made of 10 mm thick reinforced rubber featuring a round anti-slip texture and milled openings secured with a 15 mm thick HDPE polyethylene board, as well as a rocking climbing wall mounted on a spring (200 mm diameter) made of spring steel rod with a diameter of 20 mm. Springs and their fixings are protected against corrosion by zinc-rich primer in powder and powder coating. The steps of the rocking wall are made of 15 mm thick HDPE polyethylene boards connected with 10 mm thick reinforced rubber with a round anti-slip texture. The wall is fixed to the ground using Ø6 mm stainless steel chains.

**Bridge** made of 16 mm diameter polypropylene pp-multisplit ropes. The bridge platform is made of 10 mm thick reinforced rubber with milled openings and a round anti-slip surface. The bridge is connected to the frame using Ø6 mm stainless steel chains. Rope ends are secured in sleeves made of durable aluminium alloys.

**Climbing nets** composed of multiple elements enhancing the climbing experience. The net is made of 16 mm diameter polypropylene pp-multisplit rope, with grips manufactured by rotational moulding from LDPE. The hexagonal climbing element is made of 10 mm thick reinforced rubber with a round anti-slip texture and milled handholds secured with a 15 mm thick HDPE polyethylene board. The net is connected to the frame using Ø6 mm stainless steel chains. Rope ends are secured in sleeves made of durable aluminium alloys.

**Rubber Climb** climbing element consisting of a hexagon-shaped frame combined with a climbing wall simulation element made of 10 mm thick reinforced rubber with a round anti-slip texture and milled handholds secured with a 15 mm thick HDPE polyethylene board.

**Vertical rope** with steps made of LDPE using the rotational moulding method. The grips have an anti-slip surface and are connected with 16 mm diameter polypropylene
pp-multisplit rope and attached to the frame using Ø6 mm stainless steel chains. Rope ends are secured in sleeves made of durable aluminium alloys.

**Entrance** with mushroom-shaped steps made of AISI 304 stainless steel tube with a diameter of 33.7 mm. Steps manufactured by rotational moulding from LDPE with an anti-slip texture.

**A swing module** with a relaxation area. The swing frame is made of black steel pipes with a diameter of 88.9 mm and a height of 229 cm. The seat is a flat board made of aluminium and soft EPDM rubber, suspended on 6 mm diameter stainless steel chains.The table and chairs are made from high-quality, coloured, three-layer HDPE polyethylene with a thickness of 15 mm, fully resistant to moisture and UV radiation.The shading element is constructed from black steel with 3 mm thick perforated metal sheet. The steel is cleaned through shot blasting and protected against corrosion by zinc-rich primer in powder and powder coating.

**All bolts** exposed to weather conditions are made of stainless steel.

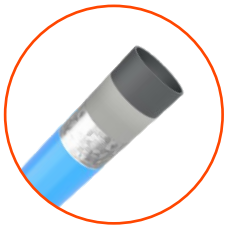
**The equipment includes at least:**

6 × Bubbles
6 × Hexagon-shaped frames: frame heights – 5x 204 cm, 1 x 229 cm
1 × Modular polyethylene slides: slide heights – 210 cm
2 × Climbing nets
1 × Entrance with mushroom-shaped steps
1 × Climbing module with rocking climbing wall
2 × Vertical ropes with steps
1 × Rubber Climb climbing element
1 × Bridge
1 x swing module with a relaxation area + flat board seat

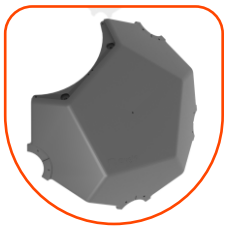
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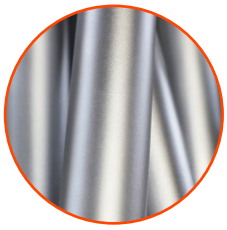
## Materials



Solid construction made of black steel S235JR, cleaned in the sandblasting process. All elements made of black steel are subjected to a two-layer powder coating process, which includes the following stages: First layer – zinc-rich primer, Second layer – topcoat in RAL colour



The element is manufactured using rotomoulding from LDPE material. Each sphere is made up of 12 such elements.



A solid structure made of AISI 304 stainless steel, cleaned using the glass bead blasting process, fully resistant to weather conditions.



Polypropylene ropes PP-Multisplit type with a steel coreand a diameter of 16 mm.



Reinforced rubber, 10 mm thick, with a non-slip surface.



Climbing rocks made of chippings and colourful polyester resin.



Slides and roofs made using Rotomoulding technique using LDPE material.



Modules made of rotatio-nally moulded polyethy-lene, designed to develop physical fitness and motor coordination.



Attested 6 mm stainless steel chains.



Plates of the walls made of colourful triple layered 15 mm HDPE polyethylene, in the highest quality, totally damp--proof and resistant to UV.



The seats are made with an aluminum construction covered with a soft EPDM rubber, hanged on 6mm stainless steel chains.