Buglo

9521



Information about the product

Dimensions	714 x 647 cm
Safety zone	1072 x 1007 cm
Safety zone area	57 m²
Overall height	327 cm
Free fall height	222 cm
Amount of users	20
Highest element	299 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

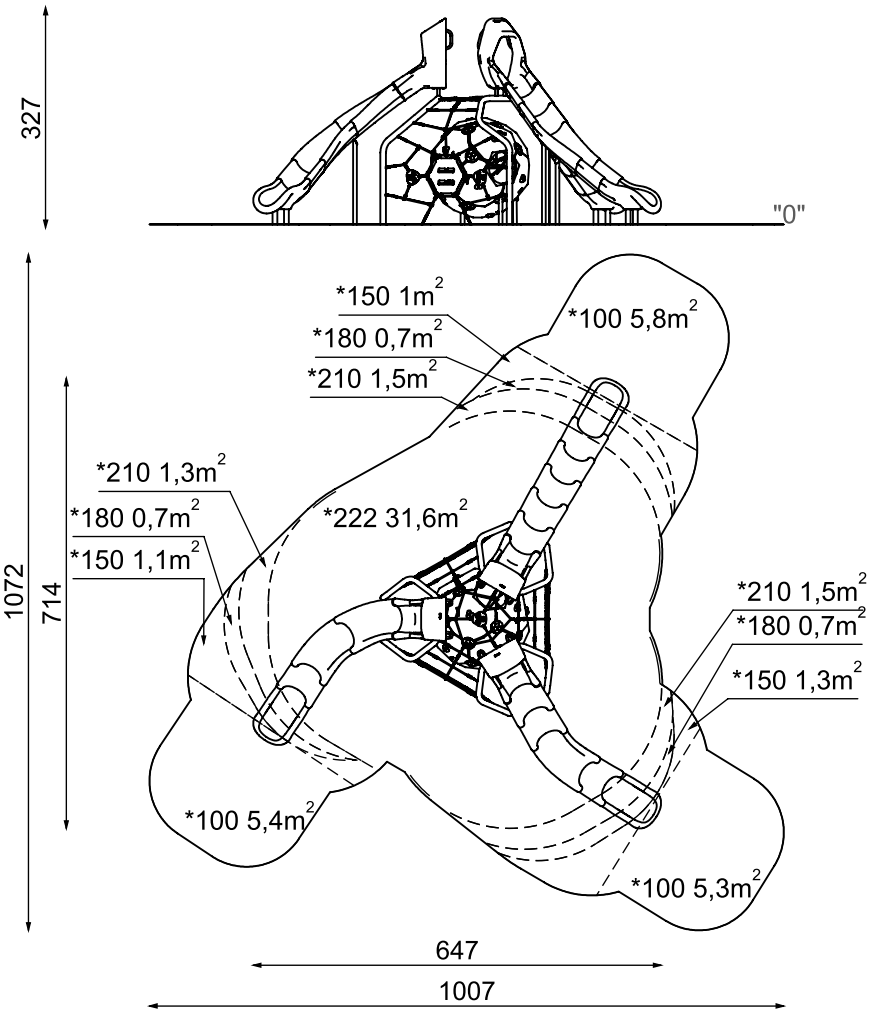
A technique that allows LDPE (low-density polyethylene) to be moulded into any desired shape. This results in components that are lighter, yet durable.

Functions

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

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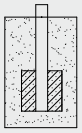
1:120

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 ≥ 2220 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 one Bubbles, a swing and three slides.

Dimensions:

- Equipment Dimensions: 714 x 647 cm
- Safety zone: 1072 x 1007 cm
- Total height: 327 cm
- Free fall height: 222 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.

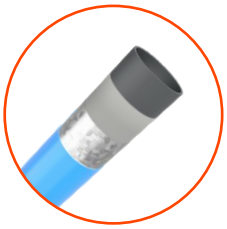
Climbing nets composed of multiple elements enhancing the climbing experience. The net is made of 16 mm diameter polypropylene pp-multisplit rope, with grips manufactured by rotational moulding from LDPE. The hexagonal climbing element is made of 10 mm thick reinforced rubber with a round anti-slip texture 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.

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

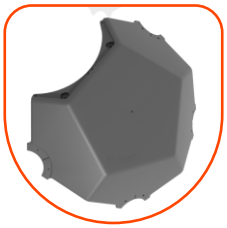
The equipment includes at least:

·1 × Bubbles
·3 × Hexagon-shaped frames: frame heights – 204 cm,
·3 × Modular polyethylene slides: slide heights – 210 cm
·4 × Climbing nets

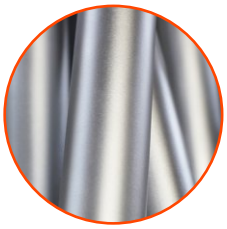
Materials



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



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.