



Information about the product

Dimensions	845 x 772 cm
Safety zone	806 x 1072 cm
Safety zone area	ca. 62 m ²
Overall height	309 cm
Free fall height	212 cm
Amount of users	15
Highest element	420 cm
Heaviest element	85 kg
Product complies with EN 1176-1:2017-12	Tak
Availability of spare parts	Tak
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



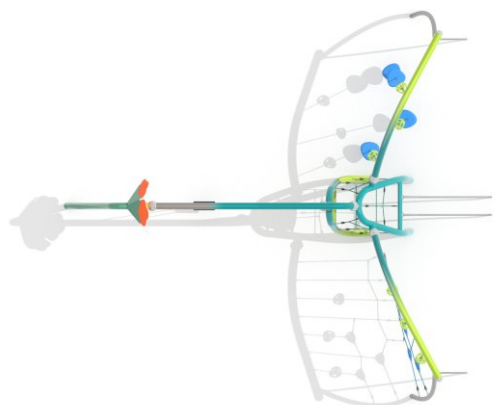
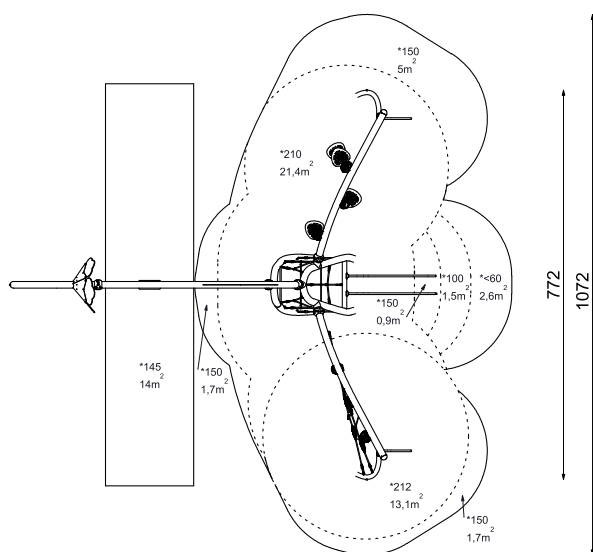
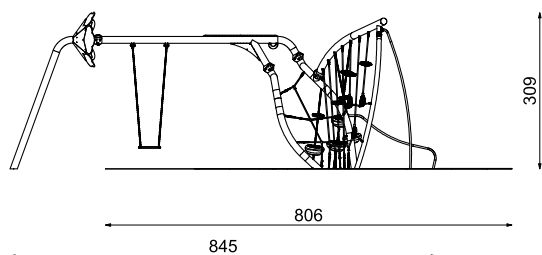
A method that allows pipes to be bent at any angle while preserving the integrity of the steel surface, enabling sleek and flexible structures.



A painting technique that allows combining two colors, which smoothly blend into each other. It enables achieving a natural colour fusion effect.

Functions



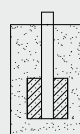


Due to the height of the free fall of the product,
the EN 1176-1:2017-12 norm allows following types of fall- absorbing surfaces:

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 ≥ 212 cm	

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.

Product description

9313 - Hummingbird

Hummingbird Play Structure

Dimensions:

Overall dimensions: 845 × 772 cm

Safety zone: 806 × 1072 cm

Overall height: 309 cm

Free fall height: 299 cm

Materials:

-Structure: Constructed from bent metal pipes with a minimum diameter of Ø133 mm and various bending radius. Minimum bending radius: 350 mm. The pipes are manufactured from black steel, cleaned by shot blasting and protected against corrosion by powder zinc coating and powder coating. The flower mounted on the upper swing beam is manufactured from 4 mm steel plate and 15 mm thick, three-layer coloured HDPE. A unique pipe connection system utilises injection moulding technology.

-Climbing nets manufactured from Ø16 mm PP-multisplit polypropylene rope with a steel core. The nets are equipped with climbing elements including rope grips and mushroom-shaped stepping pods, manufactured from LDPE by rotational moulding. The nets are attached to the frame using Ø6 mm stainless steel chains. Rope ends are secured with ferrules made from high-strength aluminium alloy.

-Stainless steel slide bars simulating the tail of the hummingbird, manufactured from Ø42.4 mm bead blasted stainless steel pipes. Slide starting height: 110 cm.

-Flat swing seat with an aluminium core, covered with soft EPDM rubber.

-All **fasteners** exposed to weather conditions are manufactured from stainless steel.

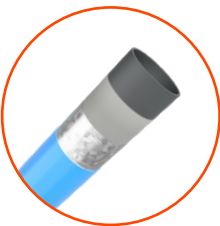
The hummingbird-shaped play unit includes as a minimum:

1 × assembly of interconnected bent tubes forming the shape of a hummingbird

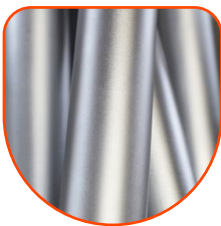
1 × stainless steel slide bars, starting height 110 cm

1 × climbing net with mushroom-shaped stepping pods and rope grips, manufactured from LDPE by rotational moulding

Materials



Solid construction made of black steel S235JR, cleaned in the shot blasting 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.



Elements 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 core and a diameter of 16 mm.



Modules made of rotationally moulded polyethylene, designed to develop physical fitness and motor coordination.



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



Modules made of rotationally moulded polyethylene, designed to develop physical fitness and motor coordination.



Attested 6 mm stainless steel chains.