

Information about the product

Dimensions	ca. 453 x 208 cm
Safety zone	ca. 753 x 508 cm
Safety zone area	ca. 34,32 m ²
Overall height	ca. 281 cm
Free fall height	ca. 187 cm
Amount of users	24
Highest element	250 cm
Heaviest element	160 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.

Functions



Socializing



Grasping



Emotion regulation



Creativity



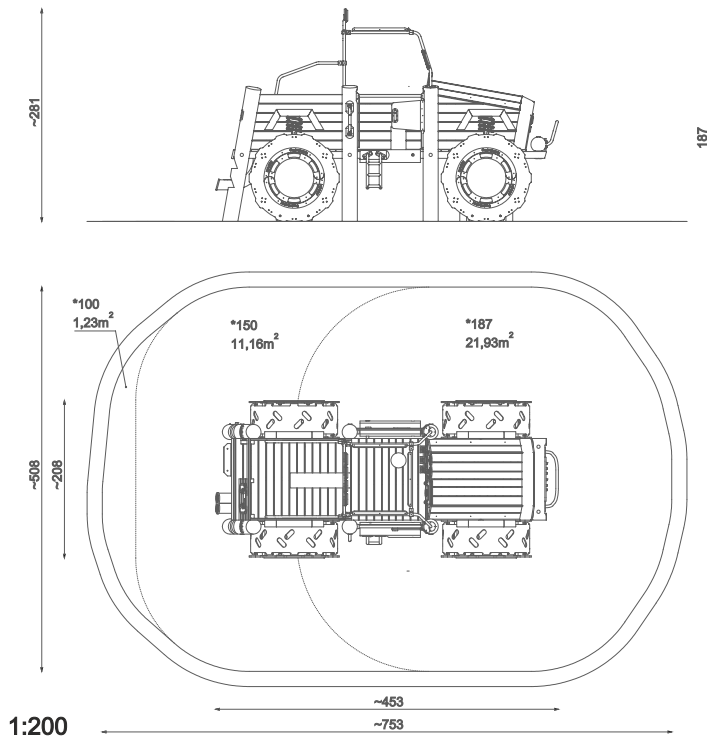
Role-playing



Logical thinking



Educational boards



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:

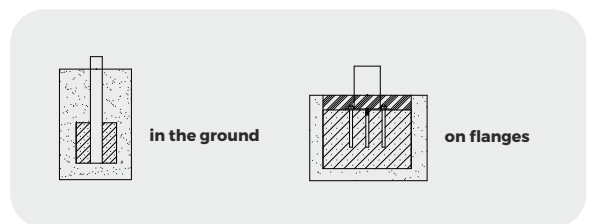
Material	Description	Minimal layer thickness mm
Bark	Chipped bark of coniferous trees (no wood-based materials), the size of the pieces between 20mm to 80mm	300
Wood chips	Mechanically fragmented wood without bark and leaves, size of the pieces between 5 mm to 30	300
Sand or gravel	Particle size between 0,25 mm to 8 mm	300
Synthetic material	Synthetic material with an approval for free fall heights ≥ 187 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.

Special attention should be paid on the direction of location of stainless-steel slide. Due to the possibility to heat up the slide by the sun, the product should not be placed in the sunnier direction.



Installation method



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 galvanized and powder coated, stainless steel, and components made of hot-dip galvanized 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

Playground Equipment in the shape of a Monster Truck

Dimensions:

- Equipment Dimensions: ca. 453 x 208 cm
- Safety zone: ca. 753 x 508 cm
- Total height: ca. 281 cm
- Free fall height: 187 cm

A structure designed to resemble a **Monster Truck**, made primarily from **robinia acacia wood**.

The individual components are made from the following materials:

- **Beams** made of robinia wood with a diameter of **13-20 cm**
- **Platform** made of robinia acacia wood boards
- **Wheels** made of reinforced rubber, 10 mm thick, with a non-slip circular tread pattern. The **Monster Truck rims** are made from a combination of **13 mm thick HPL board** and **15 mm thick waterproof plywood**
- **Monster Truck front grille** made of robinia wood boards. The grille is made of 13 mm thick HPL board with grooves imitating a radiator cover, framed with AISI 304 stainless steel sheet, bead-blasted for a smooth finish. The frame includes decorative headlight elements made of 15 mm thick HDPE polyethylene
- **Cabin frame structure** made of stainless steel pipes, bead-blasted, with a diameter of 33.7 x 2.0 mm
- **Exhaust pipes** made of bent stainless steel pipes, 133 x 3.0 mm thick, bead-blasted for durability and aesthetics
- **Access ladder underneath the Monster Truck**, made of polypropylene pp-multisplit ropes with a steel core, 16 mm in diameter
- **Dashboard panel** made of 15 mm thick HDPE polyethylene, featuring:
 - Steering wheel** made from a combination of 15 mm HDPE polyethylene and 13 mm HPL board – the steering wheel rotates freely
 - Fuel and oil level indicators** made of **15 mm thick HDPE polyethylene**
 - Gear shift disc** – a sliding element allowing children to change gears by moving along designated tracks
 - Radio panel** using **scanimation technology**, giving the illusion of tuning radio frequencies. The panel is made from 15 mm HDPE polyethylene and 3 mm printed polycarbonate.

Panels and interactive elements:

“Mathematics” Game Panel: A panel supporting the learning of number shapes. Made from colourful 15 mm thick HDPE polyethylene. Children can move a slider along the outlined shape. The game helps to develop manual dexterity and fine motor skills.

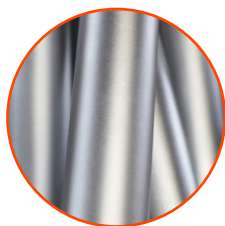
“Fuel Canister” Game Panel: A panel cut in the shape of a fuel canister, made of colourful 15 mm thick HDPE polyethylene. Four rotating discs allow children to move along set paths, enhancing hand-eye coordination and movement control.

Side mirrors made of a combination of 15 mm thick HDPE polyethylene and mirror-effect plexiglass, resistant to various weather conditions.

The equipment includes a minimum of:

- | | |
|----------------------------------|------------------------------------|
| -1 x Monster Truck structure | -2 x mirrors |
| -4 x wheels | -1 x side entry ladder |
| -1 x dashboard | -1 x rear entry step |
| -1 x “Mathematics” game panel | -2 x exhaust pipes |
| -1 x “Fuel Canister” game panel | -1 x seat made from a robinia beam |
| -1 x underside entry with ladder | -1 x bench |

Materials



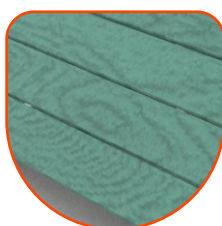
A solid structure made of AISI 304 stainless steel, cleaned using the glass bead blasting process, fully resistant to weather conditions.



Natural posts made of robinia acacia wood, protected against splitting.



Elements made of colourful 13 mm HPL, in the highest quality, totally damp-proof and resistant to UV.



Robinia painted with a special water-based, fast-drying, vapour-permeable paint, providing a semi-gloss finish.



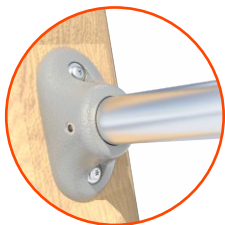
Polypropylene ropes PP - Multisplit type with a steel core and a diameter of 16 mm.



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



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



A system of connectors and clamps made of strong aluminium alloys.



Anti-slip 15 mm platform.