THE OPERATION MANUAL

açık alan oyun ekipmanları teknik özellikleri

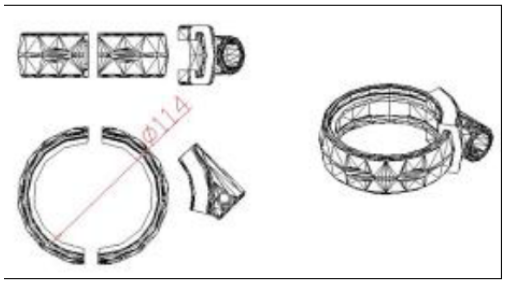
OUTDOOR PLAYGROUND EQUIPMENT

CARRIER CONSTRUCTION

it will be formed from SDM pipe with a diameter of 114 mm and a wall thickness of 2.5mm. horizontal and vertical pipes with a length of 2500 mm and greater will be connected by welding with a special insertion system in such a way that they form right angles to each other. The upper parts of these pipes will be closed with plastic plugs fixed with at least two hemispherical aluminum rivets shaped by injection method in order to prevent water, moisture and foreign substances from entering them. Vertical and horizontal pipes with a diameter of 114 mm will be connected in such a way that they form a right angle to each other. The lower parts of the pipes forming the carrier construction will be joined by welding method with a sheet flange with a minimum size of 150x150x5mm. The pipes will be subjected to sandblasting Process.

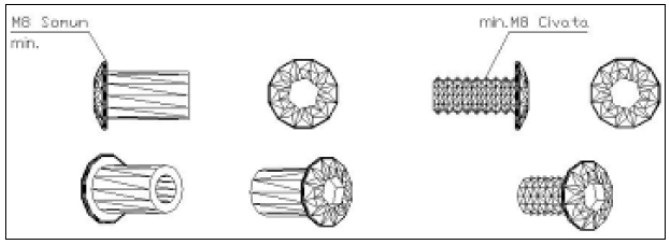
ELECTROSTATIC PAINT

All metal parts whose production has been completed should be rinsed by leaving them in a degreasing bath with a 5% concentration at 70 °c for 10 minutes. After rinsing, metals washed with hulasa with a special alloy detergent with phosphate coating property should be subjected to SANDBLASTING process, then polyester-based static powder coating process should be performed and baked in a 200 °C oven for 20 minutes.



FASTENERS

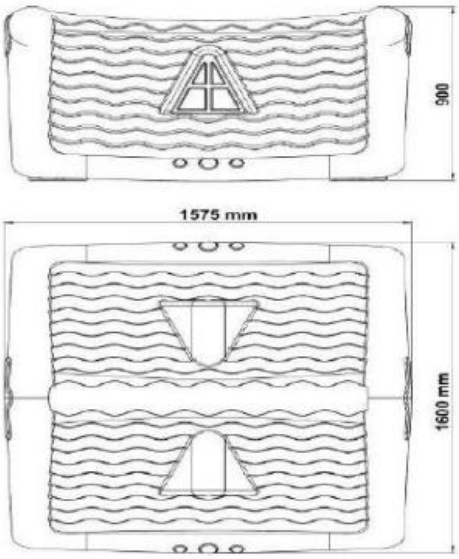
- The carrier clamps can be made based on fiber polyemide (nylon 66) made by injection method or by connecting the platform directly to the carrier system. All fasteners must be disassembled and detachable.
- Barrier clamps should be polyemide based, made by injection method. Beam Connections on the side; should be polyemide based, made by injection method. Connection diameters min. 32 mm. It should be suitable for diameter pipes.
- A. All the nuts, bolts and washers used in the clamps are min.It should be according to the M8 nut and M8 bolt layout.



BOLTS, NUTS AND WASHERS

- C Such bolts, washers and nuts used in the system must be dachromate coated. And certainly there should be no sharp corner protrusions more than max
- 3mm. All nuts should be fiberglass. In this way, the problem of loosening and falling of the nuts due to vibration will be eliminated.
- JV Electro galvanized bolts should only be used in places closed with plastic lids. Exposed all bolts and nuts in the places should be dachromate coated.

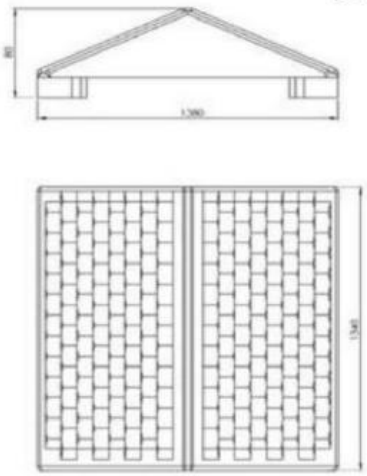
EV ÇATI /
HOUSE ROOF



- The roof of the house is 157 cm deep and the width is 160 cm. It will be manufactured in the form of a triangular and circular window with a minimum height of 90 cm and consisting of 4 parts.
- The roof of the house must necessarily be connected directly to the main construction. A fastener should not be used Decently from time to time.
- The roof of the house will be manufactured by rotation technology from powdered self-colored LLDPE raw materials. The dyestuffs used in coloring will be in accordance with the children's health and food regulations.
- **Weight Min.30 KG.**

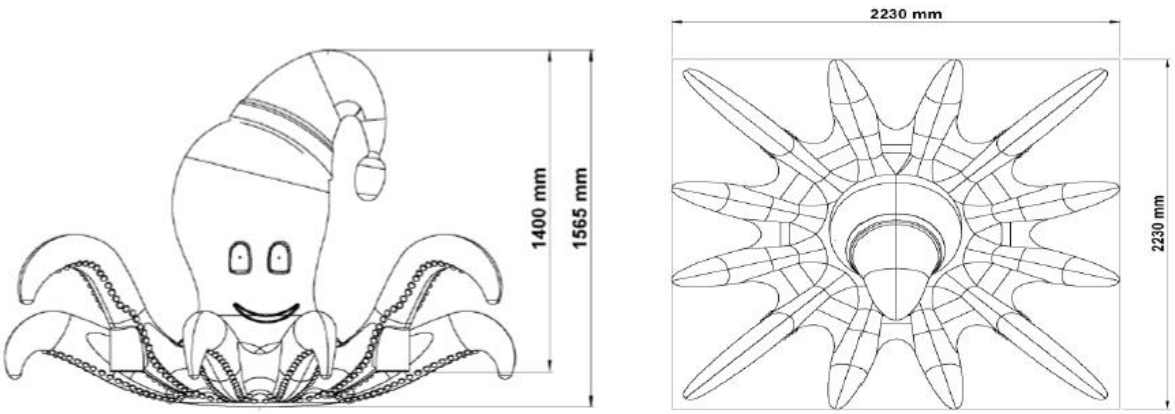
- Ev Çatı 157 cm derinliğinde ve genişliği 160 cm'dir. Minimum 90 cm yüksekliğinde ve 4 parçadan oluşan üçgen ve dairesel pencere şeklinde imal edilecektir.
- Ev Çatı mutlaka doğrudan ana yapıya bağlanmalıdır. Bir bağlantı elemanı zaman zaman düzgün kullanılmamalıdır.
- Ev Çati toz haline getirilmiş kendinden renkli LLDPE hammaddesinden rotasyon teknolojisi ile imal edilecek. Renklendirmede kullanılan boyarmaddeler çocuk sağlığı ve gıda yönetmeliğine uygun olacaktır.
- **Ağırlık Min.30 KG.**

TİLE ROOF



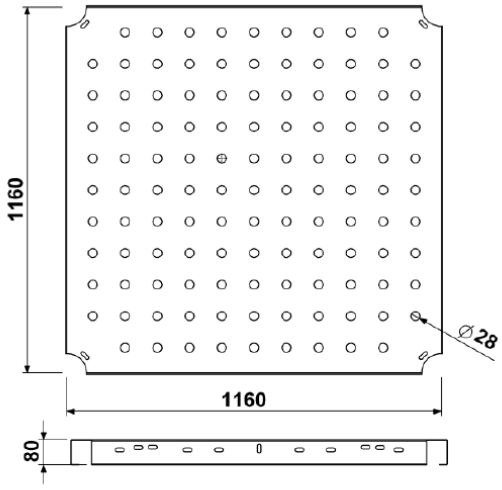
- The Tile Roof has a depth of 134 cm and a width of 138 cm. It will be manufactured in such a way that it is at least 80 cm high and consists of one piece.
- The roof tile must necessarily be connected directly to the main construction in such a way that it is connected directly to the main construction. A fastener should not be used Decently from time to time.
- The roof tile roof will be manufactured by rotation technology from powdered self-colored LLDPE raw materials. The dyestuffs used in coloring will be in accordance with the children's health and food regulations.
- **Weight Min. 20 KG.**

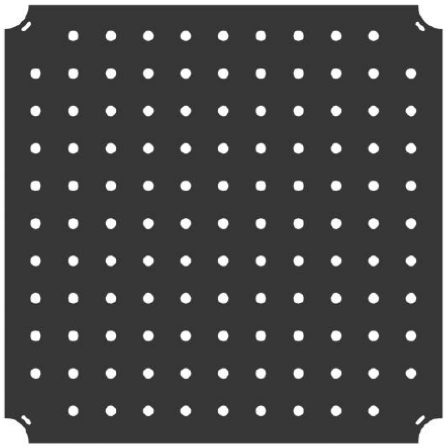
OCTOPUS ROOF



- The Octopus Roof has a diameter of 223 cm. It will be manufactured in the form of a minimum height of 156.5 cm and will consist of 2 pieces with hats on them.
- The Octopus Roof must be connected directly to the Ø114 pipes forming the carrier pipes of the system at the place where it is connected. A separate fastener should not be used Decoupled from time to time.
- ϖ Octopus Roof; It will be manufactured by rotation technology from powdered self-colored LLDPE raw material. The dyestuffs used in coloring will be in accordance with the children's health and food regulations.
- Weight Min.55 KG.

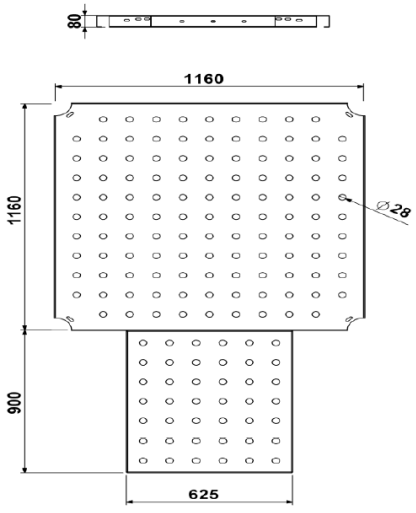
116X116 cm SQUARE PLATFORM

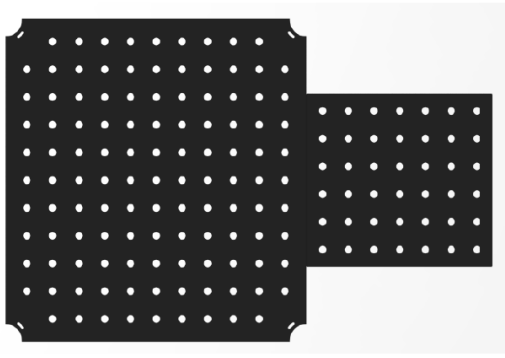




- A Minimum of 20x40x1.5 mm on the carcass made of box profiles, the dimensions of the platform, which will be formed by attaching a 2 mm wall thickness sheet metal with frequent points, will be 116x116 cm. The connection holes of the platform will be opened in advance. The number of supports placed under the platform is 6 pieces and the platform dimensions will be 8 cm.
- The upper surface of this platform will be coated with PVC (Plastisol) with -60 ±5 share A hardness, 1 gr/cm3 density, at least kg/cm2 breaking strength, 650-700% break elongation and 100 m3 (max) abrasion property by HOT DIPPING METHOD with anti static material mixture.
- The PVC thickness will be at least 1 mm at each point. These platforms will be connected by clamping by means of galvanized bolts and nuts on special cut ears existing in the carrier construction (attached at the manufacturing stage).

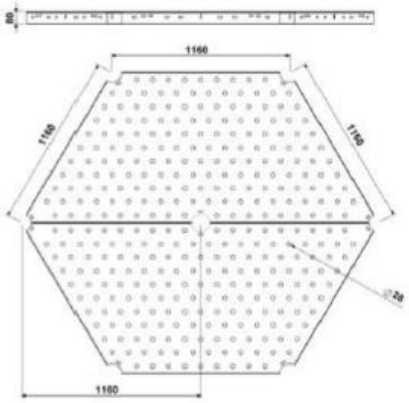
116x116 cm SQUARE PLATFORM WITH SPIRAL EXTENSION

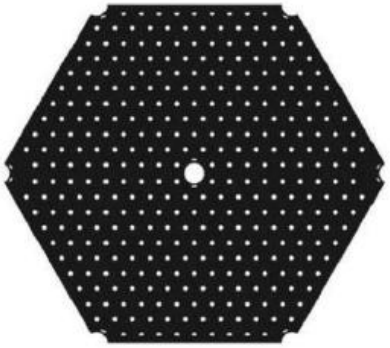




- The Min. the dimensions of the platform, which will be created by attaching a 2 mm wall thickness sheet metal with frequent points to the carcass made of 20x40x1.5 mm box profiles, will be 116x206 cm. The connection holes of the platform will be opened in advance.
- The upper surface of this platform will be coated with PVC (Plastisol) with -60 ±5 share A hardness, 1 gr/cm3 density, at least 90 kgf/cm2 breaking strength, 650-700% break elongation and 100 m3 (max) abrasion property by anti static material mixed HOT DIP METHOD. The PVC thickness will be at least 1 mm at each point. A. These platforms will be connected by clamping by means of galvanized bolts and nuts on special cut flanges existing in the carrier construction (attached at the manufacturing stage).

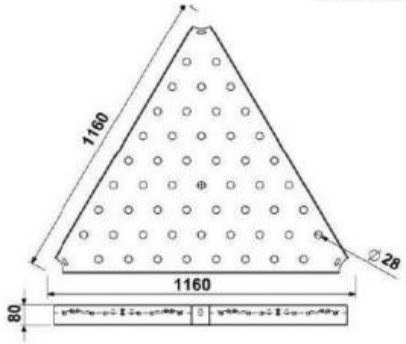
HEXAGON PLATFORM

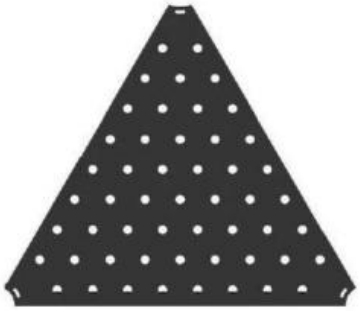




- A Minimum of 20x40x1,5 mm on the carcass made of box profiles, the dimensions of the platform, which will be formed by attaching a 2 mm wall thickness sheet metal with frequent points, will be 230x202 cm. The connection holes of the platform will be opened in advance. The number of supports placed under the platform is 6 pieces and the platform dimensions will be 8 cm.
- The upper surface of this platform will be coated with PVC (Plastisol) with -60 ±5 share A hardness, 1 gr/cm3 density, at least kg/cm2 breaking strength, 650-700% break elongation and 100 m3 (max) abrasion property by **HOT DIPPING METHOD** with anti static material mixture. The PVC thickness will be at least 1 mm at each point.
- These platforms will be connected by clamping by means of galvanized bolts and nuts on special cut ears existing in the carrier construction (attached at the manufacturing stage).

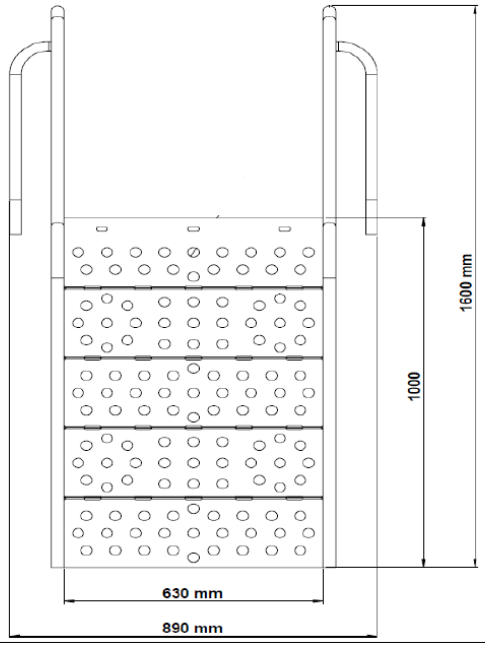
TRIANGULAR PLATFORM

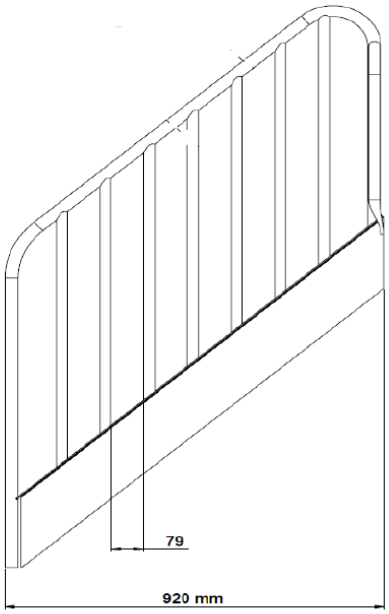




- A Minimum of 20x40x1.5 mm on the carcass made of box profiles, the dimensions of the platform, which will be formed by attaching a 2 mm wall thickness sheet metal with frequent points, will be 116x116x116 cm. The connection holes of the platform will be opened in advance. The dimensions of the platform forehead will be 8 cm.
- The upper surface of this platform will be coated with PVC (Plastisol) with -60 ±5 share A hardness, 1 gr/cm3 density, at least kg/cm2 breaking strength, 650-700% break elongation and 100 m3 (max) abrasion property by **HOT DIPPING METHOD** with anti static material mixture. The PVC thickness will be at least 1 mm at each point.
- A. These platforms will be connected by clamping by means of galvanized bolts and nuts on special cut flanges existing in the carrier construction (attached at the manufacturing stage).

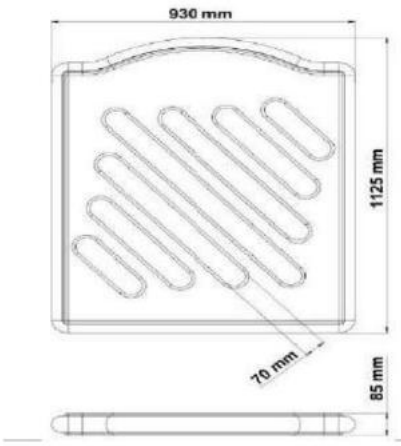
H: 100 CM LADDER AND RAILING FROM THE GROUND TO THE TOWER



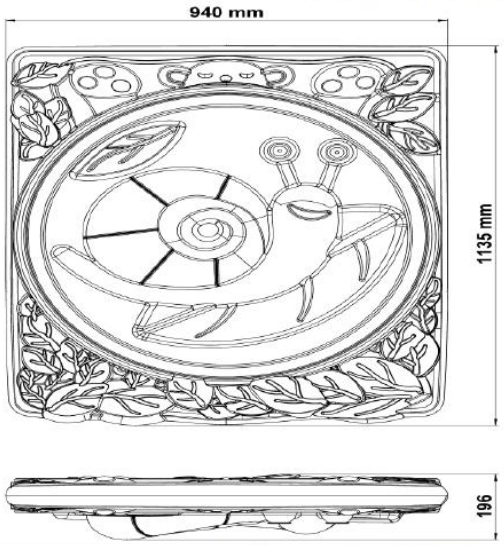


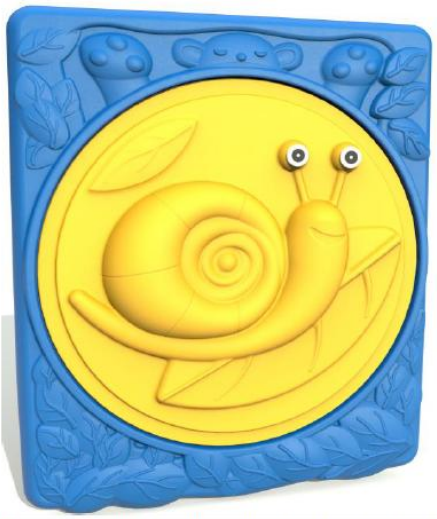
- The Access Stairs will be manufactured in one piece from dkp sheet with a wall thickness of 2 mm so that they can reach a height difference of 100 CM from the tower to the platform.
- The step height of the stairs will be minimum 13 cm, maximum 20 cm. Stair railing minimum 70 cm, maximum 85 cm height 2 pieces will be manufactured for each stair group.
- The stair treads will be coated with PVC (Plastisol) BY HOT DIPPING METHOD with mixed antistatic material mixed with -60±5 share A hardness, 1 gr/cm3 density, at least kg/cm2 breaking strength, 650-700% break elongation and 100 m3 (max) wear property. The PVC thickness will be at least 1 mm at each point.
- The edges of the ladder railing will be made of a minimum of 27x2.5 mm pipe, the railings will be made of a minimum of 21x2.5 mm pipe. The maximum Decoupling between the bars on the stair railing will be 85 mm.
- The stair railings will be painted with polyester-based electro-static powder coating after sandblasting.

ECO STRIPED PLATFORM BOARD



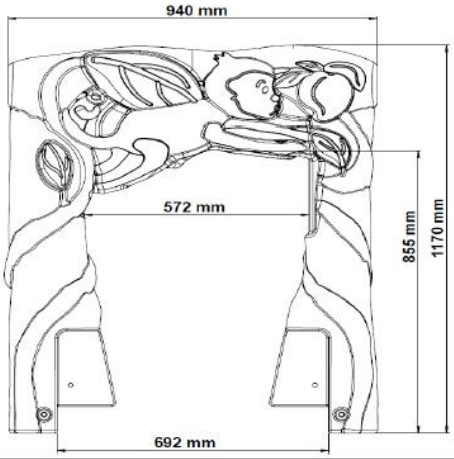
PLATFORM BOARD WITH SNAIL FIGURE





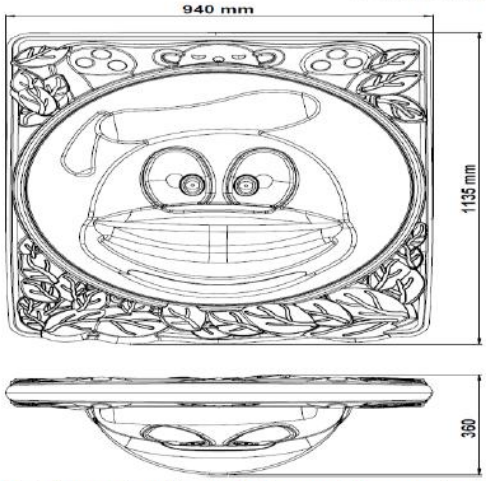
- TOP Snail shaped panels will be manufactured with rotation technology with double walls made of powdered self-colored LLDPE raw materials. The dyestuffs used in coloring will be in accordance with the children's health and food regulations.
- The panels with the Attached snail figure are designed with dimensions of at least 94x113 cm, manufactured as 2 pieces so that the outer body and the panel consist of an inner figure, and the inner figure of the panel will be mounted on the outer body.
- The panels with a Horizontal Snail Shape will be fixed to the main construction with the help of a 100 cm galvanized pipe and clamp system with a diameter of Ø 27 mm and a wall thickness of 2 mm on the upper side, and to the platform with a screw on the lower side. Ø27x2 mm galvanized pipe will be passed through the polyethylene panels as a whole. pipes shorter than 100 cm will not be used.
- Polyamide-based self-colored plastic clamps shaped by injection method, through which the pipe with a diameter of Ø27 mm can pass, will be used at the junction points of the connecting pipes with the panel.
- ϖ weight min. 11 KG.

STRAIGHT SLIDE ENTRANCE WITH FIGURE



- The Flat slide entrance with a Side Figure will be manufactured with a double wall made of polyethylene, designed in one piece on the top and both sides in order to ensure the safe passage of children to the slide.
- The entrance of the Flat slide with a Side Figure has dimensions of 94x117 cm, the entrance part is min. it will be designed and manufactured with a width of 57 cm.
- It will be fixed to the main construction with the help of a 100 cm galvanized pipe and clamp system with a diameter of Ø27 mm and a wall thickness of 2 mm from the upper side of the entrance to the flat slide with the help of screws, and from the lower side to the platform.
- Ø27x2 mm galvanized pipe will be passed through the polyethylene entrances as a whole. pipes shorter than 100 cm will not be used.
- Polyamide-based self-colored plastic clamps shaped by injection method, through which galvanized pipe with a diameter of Ø27 mm can pass, will be used at the junction points with the slide entrance of the auxiliary pipes.
- Flat slide entrances with a Side Figure will be manufactured with rotation technology with double walls made of powdered self-colored LLDPE raw materials. The dyestuffs used in coloring will be in accordance with the children's health and food regulations.
- ϖ weight min.9 KG

PLATFORM BOARD WITH DUCK FIGURE

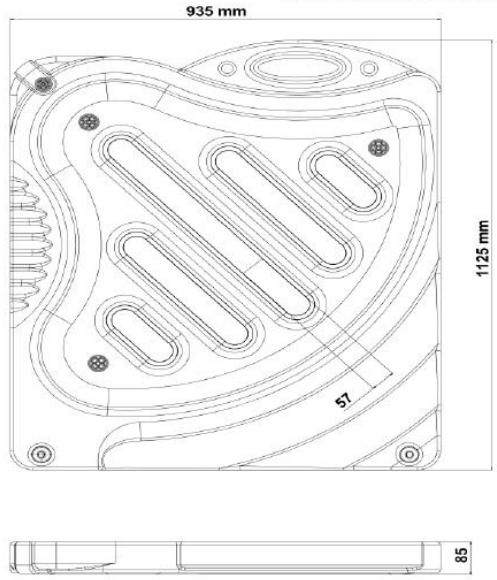


- The panels with a duck figure will be manufactured with rotation technology with double walls made of powdered self-colored LLDPE raw materials. The dyestuffs used in coloring will be in accordance with the children's health and food regulations.
- The panels with the secondary Duck figure are designed with dimensions of at least 94x113 cm, manufactured as 2 pieces so that the outer body and the panel consist of an inner figure, and the inner figure of the panel will be mounted on the outer body.
- The panels with an Initial Duck Figure will be fixed to the main construction with the help of a 100 cm galvanized pipe and clamp system with a diameter of Ø 27 mm and a wall thickness of 2 mm on the upper side, and to the platform with the help of a screw on the lower side. Ø27x2 mm galvanized pipe will be passed through the polyethylene panels as a whole. pipes shorter than 100 cm will not be used.
- Polyamide-based self-colored plastic clamps shaped by injection method will be used at the junction points of the connecting pipes with the panel, through which the pipe with a diameter of Ø27 mm can pass.
- ϖ weight min. 11 KG.

- The entrance of the Two-figure Flat slide is one-piece on the top and both sides in order to ensure the safe passage of children to the slide, it will be made of specially designed polyethylene with double walls.
- The entrance to the Two-figure Flat slide measures 94x117 cm, the entrance is min. it will be designed and manufactured with a width of 60 cm.
- A 2 mm diameter 2 mm thick 100 cm galvanized pipe with a diameter of Ø27 mm will be fixed to the main structure with the help of a clamp system and to the platform with the help of screws from the upper side of the entrance to the three-figure flat slide. Ø27x2 mm galvanized pipe will be passed through the polyethylene inlets as a whole. pipes shorter than 100 cm will not be used.
- Self-colored plastic clamps based on polyamide, shaped by injection method, through which a galvanized pipe with a diameter of Ø27 mm can pass, will be used at the points of connection of these pipes with the entrance of the slide.
- All slide entrances will be manufactured with rotation technology from powdered self-colored LLDPE raw materials. The dyes used in coloring will be in accordance with children's health and food regulations.
- **Weight Min.8 KG**

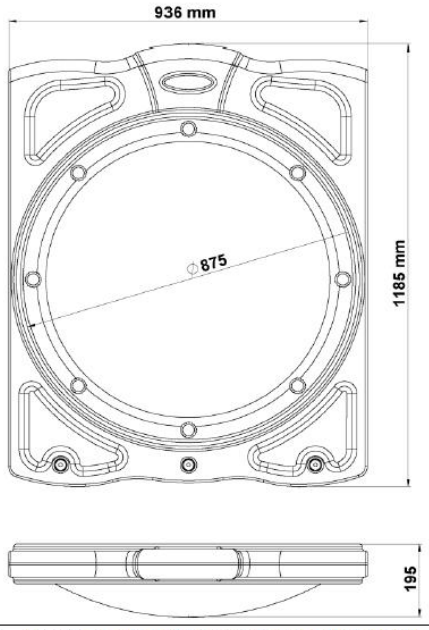
- The Koala figure panels; they will be manufactured with rotation technology with double walls made of powdered self-colored LLDPE raw material. The dyestuffs used in coloring will be in accordance with the children's health and food regulations.
- Panels with Koala figures will be designed with dimensions of at least 94x113 cm, manufactured as 2 pieces so that the outer body and the inner figure of the panel will consist of an inner figure, and the inner figure of the panel will be mounted on the outer body.
- Panels with Koala Figures will be fixed to the main construction with the help of a 100 cm galvanized pipe and clamp system with a diameter of Ø 27 mm and a wall thickness of 2 mm on the upper side, and to the platform with a screw on the lower side. Ø27x2 mm galvanized pipe will be passed through the polyethylene panels as a whole. Pipes shorter than 100 cm will not be used.
- Polyamide-based self-colored plastic clamps shaped by injection method, through which the pipe with a diameter of Ø27 mm can pass, will be used at the junction points of the terminal pipes with the panel.
- **Weight Min. 11 KG.**

NEW GENERATION STRIPED PLATFORM BOARD



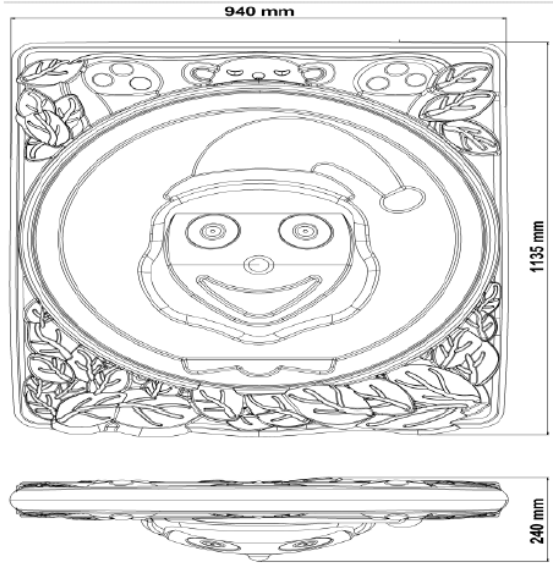
- The panels will be manufactured with rotation technology with double walls made of powdered self-colored LLDPE raw material. The dyestuffs used in coloring will be in accordance with the children's health and food regulations.
- The new generation striped panels will be designed with dimensions of at least 93x113 cm and manufactured according to safety standards.
- The new generation striped panels will be fixed to the main construction with the help of a 100 cm galvanized pipe and clamp system with a diameter of Ø 27 mm and a wall thickness of 2 mm on the upper side, and to the platform with a screw on the lower side. Ø27x2 mm galvanized pipe will be passed through the polyethylene panels as a whole. pipes shorter than 100 cm will not be used.
- Polyamide-based self-colored plastic clamps shaped by injection method, through which the pipe with a diameter of Ø27 mm can pass, will be used at the junction points of the connecting pipes with the panel.
- ϖ weight min. 9 KG.

FANUS PLATFORM BOARD



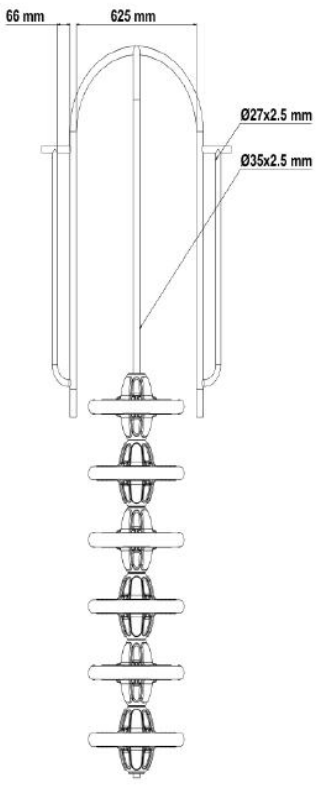
- The fan panels will be manufactured with rotation technology with double walls made of powdered self-colored LLDPE raw material. The dyestuffs used in coloring will be in accordance with the children's health and food regulations.
- The internal fan panels are designed with dimensions of at least 93x118 cm, manufactured as 2 pieces with a transparent fan with a diameter of at least 75 cm inside the panel, and the transparent part inside the panel will be mounted on the outer body.
- The fan panels will be fixed to the main construction with the help of a 100 cm galvanized pipe and clamp system with a diameter of Ø 27 mm and a wall thickness of 2 mm on the upper side, and to the platform with the help of a screw on the lower side. Ø27x2 mm galvanized pipe will be passed through the polyethylene panels as a whole. pipes shorter than 100 cm will not be used.
- Polyamide-based self-colored plastic clamps shaped by injection method, through which the pipe with a diameter of Ø27 mm can pass, will be used at the junction points of the connecting pipes with the panel.
- ϖ weight min. 11 KG.

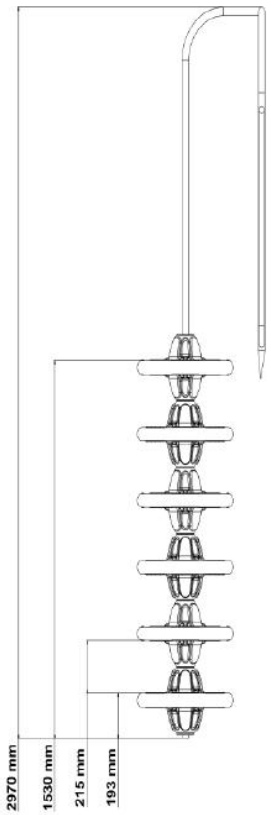
PLATFORM BOARD WITH CLOWN FIGURE



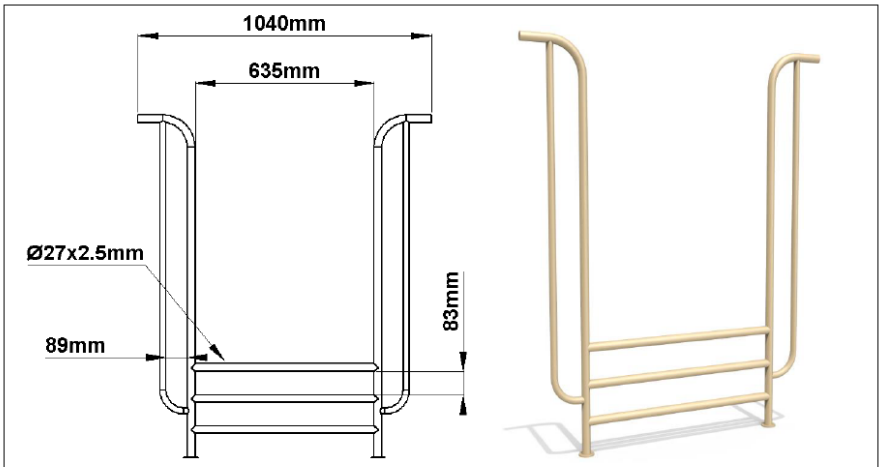
- The panels with a clown figure will be manufactured with rotation technology with double walls made of powdered self-colored LLDPE raw materials. The dyestuffs used in coloring will be in accordance with the children's health and food regulations.
- The boards with the clown figure will be designed with dimensions of at least 94x113 cm, manufactured as 2 pieces so that the outer body and the panel will consist of an inner figure, and the inner figure of the panel will be mounted on the outer body.
- The panels with clown figures on the back will be fixed to the main construction with the help of a 100 cm galvanized pipe and clamp system with a diameter of Ø 27 mm and a wall thickness of 2 mm on the upper side, and to the platform with the help of a screw on the lower side. Ø27x2 mm galvanized pipe will be passed through the polyethylene panels as a whole. pipes shorter than 100 cm will not be used.
- Polyamide-based self-colored plastic clamps shaped by injection method, through which the pipe with a diameter of Ø27 mm can pass, will be used at the junction points of the connecting pipes with the panel.
- ϖ weight min. 11 KG.

H:150 cm UFO CLIMBING



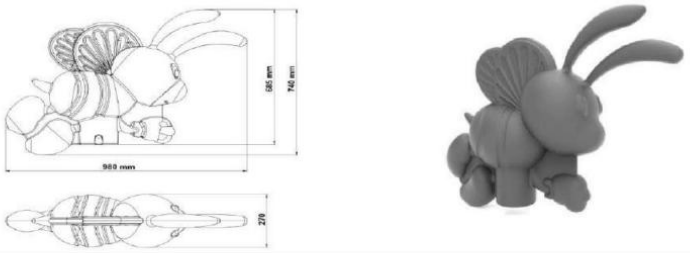


- Or Ufo climbing figures; They will be manufactured with rotation technology with double walls made of powdered self-colored LLDPE raw material. The dyestuffs used in coloring will be in accordance with the children's health and food regulations.
- The number of Decals will be standard figures for each UFO climbing break, taking into account the anthropometric measurements of the respective user group. (H: 150 cm; It should consist of an average minimum of 6 Polyethylene ufo climbing figures.)
- The course will be designed in such a way as to allow children to access the platform at a height of 0 – 150 / (± 10 cm) by climbing and to support them to enter the playgroup safely.
- At least Ufo climbing figures should be manufactured as disassembled, optionally in such a way that they can be produced in the same color or different colors.
- In order to facilitate the exit and entry to the platform, a railing will be used from pipes with a wall thickness of Ø35 mm 2.5 mm to axis the ufo climbing figures, as well as pipes with a wall thickness of Ø27 mm 2.5 mm to regulate the entrance to the platform and connect to the holding pipe for convenience.
- The climbing Ufo will be fixed to the main construction with the help of a clamp system from the upper side and to the platform with the help of a screw from the lower side.
- ϖ weight min. 23 KG.



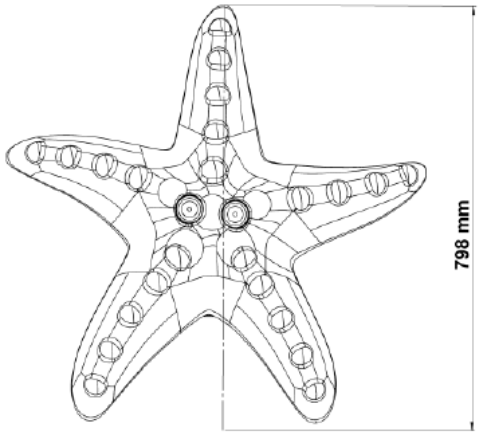
- H;50 internal stairs The main body and climbing pipes will be made of 27x2.5 mm pipe.
- The maximum gaps on the sides of the ladder will be 89 mm.
- A:The 50 cm internal staircase will be painted with polyester-based electrostatic powder coating after sandblasting or degreasing.
- Prel H:50 The internal staircase must be manufactured in accordance with the technical drawing above.
- The matters not specifically specified in the specification will be carried out in accordance with TSE EN 1176-1 standards.

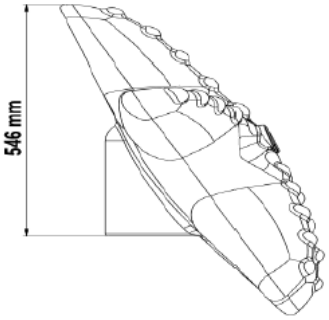
THE FIGURE OF Bee

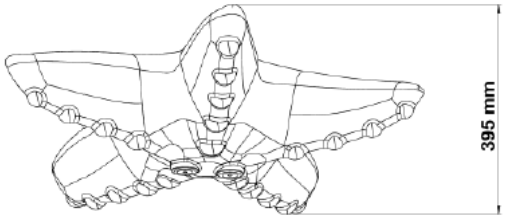


- The Decal figure will be produced from self-colored polyethylene in accordance with the specifications and designs specified in the technical specifications and the figure will be fixed with a bolt and nut connection by passing 10 cm into the Ø114 mm pipe, be it on the platform or at a minimum height of 125 cm from the standing level.
- A. The bee figure will be manufactured in such a way that it will be double Decked.
- The figures will be in the required cross sections and strength to bear the weight of the children when the children are hung.
- The Decal Bee figure will be manufactured with rotation technology from powdered self-colored LLDPE raw material. The dyestuffs used in coloring will be in accordance with the children's health and food regulations.
- **weight min. 4 KG**

THE STARFISH FIGURE

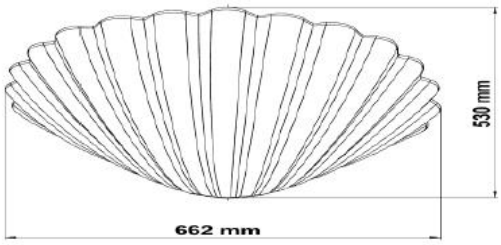


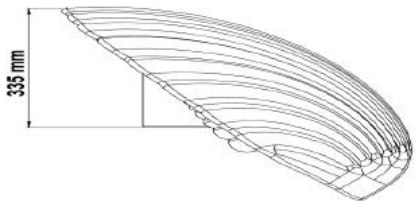


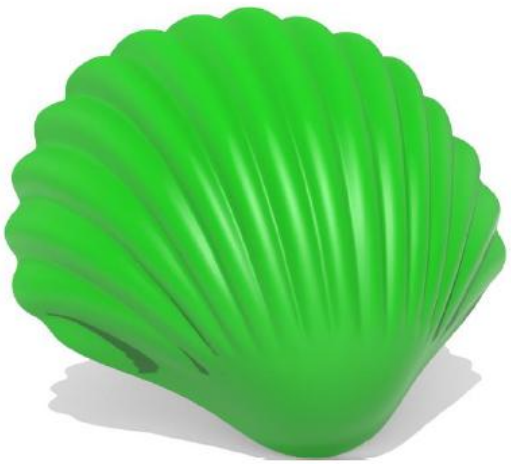


- The anchor starfish figure will be produced from self-colored polyethylene in accordance with the specifications specified in the technical specifications and designs, to be fixed with a bolt and nut connection by passing 10 cm into the Ø114 mm pipe, to be at least 125 cm above the platform or standing level.
- The rear Sea star figure will be manufactured in such a way that it will be double-walled.
- The figures will have the strength and necessary cross-sections to bear the weight of the children when the children are hung.
- The first Sea star figure will be manufactured with rotation technology from powdered self-colored LLDPE raw material. The dyestuffs used in coloring will be in accordance with the children's health and food regulations.

SEASHELL FIGURE



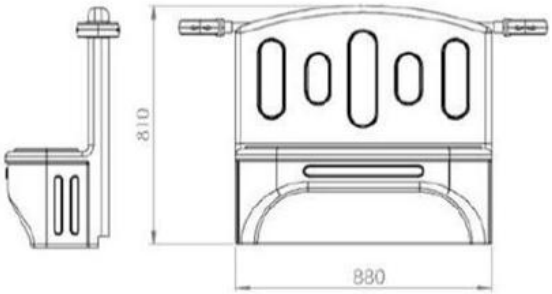


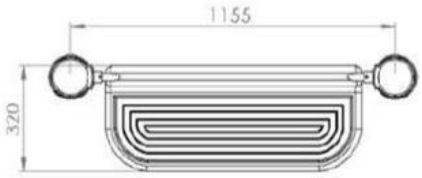


- The shell figure will be produced from self-colored polyethylene in accordance with the specifications specified in the technical specifications and designs, which will be fixed with a bolt and nut connection by passing 10 cm into the Ø114 mm pipe, be at least 125 cm above the platform or standing level.
- The back seashell figure will be manufactured in such a way that it will be double-walled.
- The figures will have the strength and necessary cross-sections to bear the weight of the children when the children are hung.
- The top Sea shell figure will be manufactured with rotation technology from powdered self-colored LLDPE raw material. The dyestuffs used in coloring will be in accordance with the children's health and food regulations.

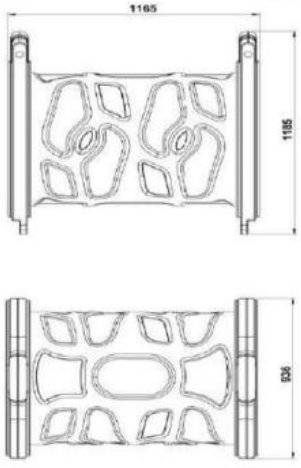
- The double-lined panels will be manufactured from colored LLDPE raw materials with double-walled blow molding technology. The dyes used in coloring will be in accordance with children's health and food regulations
- The Decking boards shall be designed and manufactured in such a way that the dimensions of the Decking boards shall be at least 93x112 cm and the distance between the interstices of the lines in them shall be maximum 8.9 cm according to international safety rules.
- The Double-lined panels will be fixed to the main structure with the help of Ø 27 mm diameter 2 mm thick 10 cm galvanized pipe and clamp system on the upper side and to the platform with the help of screws on the lower side. Ø27x2 mm galvanized pipe will be passed through polyethylene panels as a whole. pipes shorter than 100 cm will not be used.
- Self-colored plastic clamps based on polyamide shaped by injection method will be used where the pipe with a diameter of Ø27 mm can pass through the junction points of these pipes with the board.
- **Weight Min. 8 KG.**

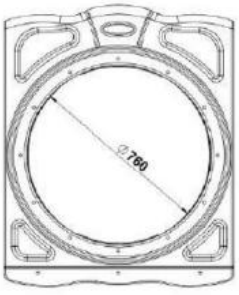
BENCH FIGURED PANEL

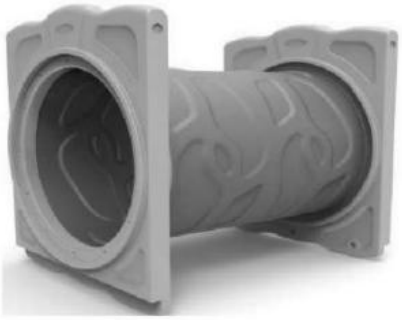




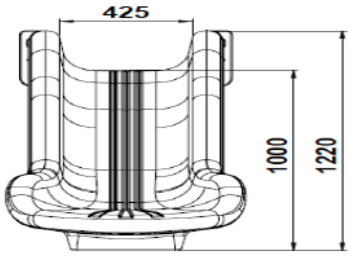
100 CM TUBE PASSAGE ASSEMBLY

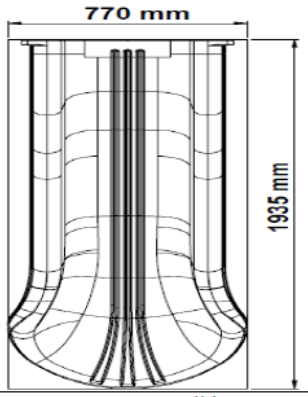






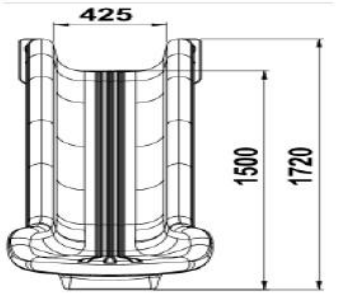
H: 100 CM FLAT SLIDE

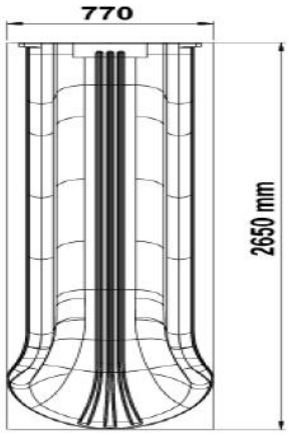




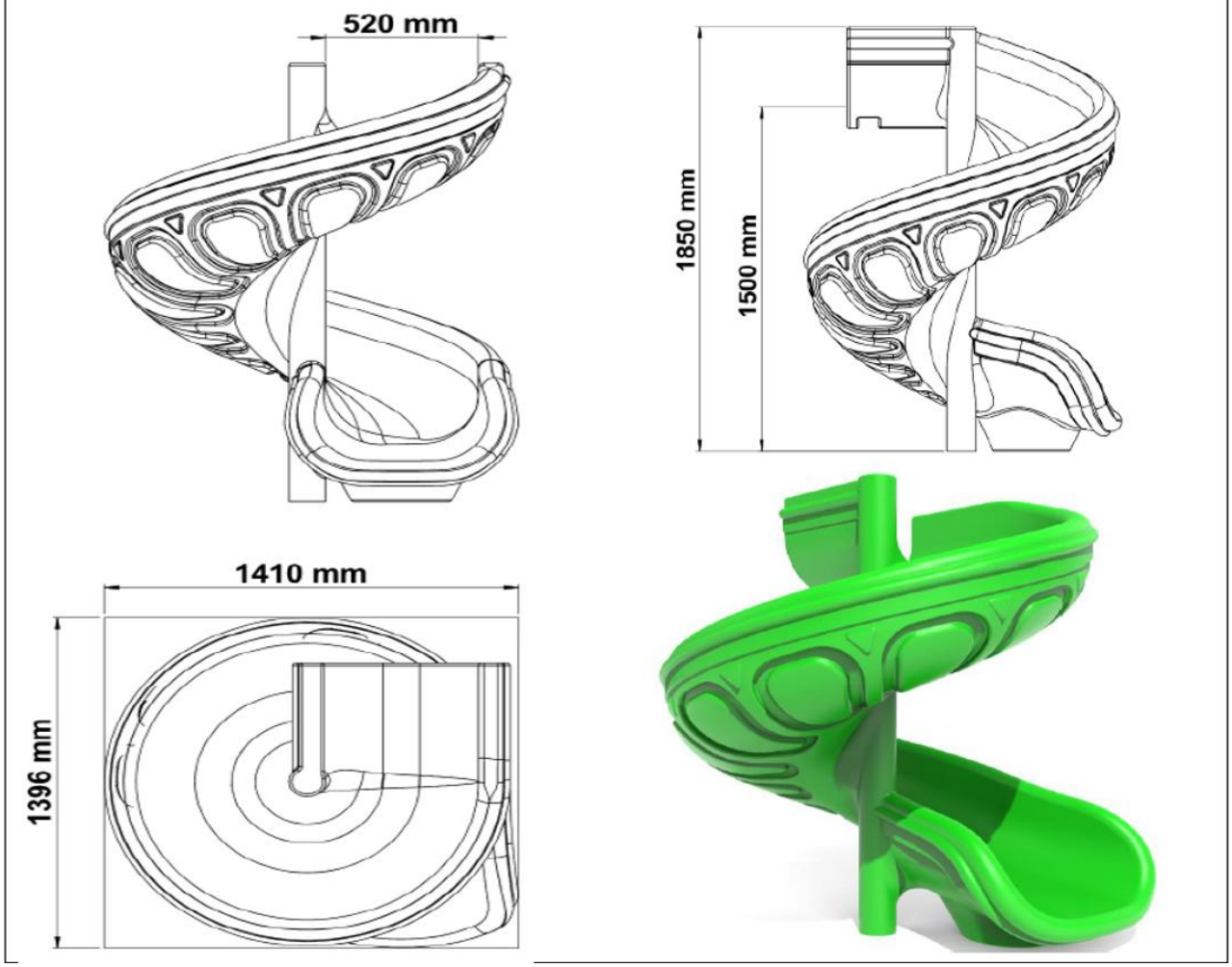
- The 100 cm. on FLAT slides connected to the platform at its height; the angle of inclination of the sliding section with the bed will be manufactured as a double-walled and single piece, so that the maximum 40° is measured according to the height axis of the slide.
- The height of the side parts of the entrance section of the flat slide will be at least 20 cm. The width of the sliding section of the Flat Slide will be at least 40 cm.
- The width of the exit section of the flat slide shall be at least 75 cm and the exit radius shall be at least 50 mm.
- The exit section of the slide will be concreted by embedding into the ground with an anchor.
- The Roller Slides will be manufactured with rotation technology from powdered self-colored LLDPE raw materials. The dyestuffs used in coloring will be in accordance with the children's health and food regulations. TS EN 1176-3 / 04.02.2010 It is obligatory to have the expression 'FLAT SLIDE' within the Scope of the Document.
- ϖ weight min.25 KG

H:150 FLAT SLIDES



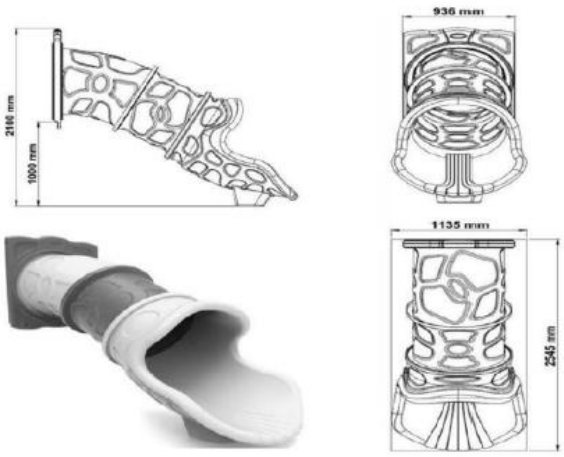


H: 150 cm SPIRAL SLIDE



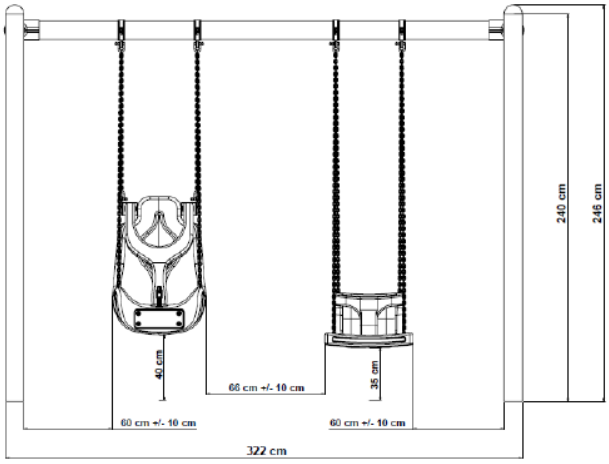
- The SPIRAL slides connected to the 150 cm high platform will be manufactured as a double-walled and single-piece, and the exit part will be designed to be 90 ° to the left side of the entrance part.
- The height of the entrance section side parts (depth) of the slide shall be at least 25 cm. The width of the sliding section of the slide will be at least 50 cm.
- The spiral slides will have an exit section (deceleration plane) that will reduce the sliding speed, and the length of the sliding section will be at least 55 cm, the length of the exit section will be at most 10°, the exit radius will be 50 mm.
- The exit section of the slide will be concreted by embedding into the ground with an anchor.
- In the middle part of the spiral slides, there will be a slot in the spiral way that allows the Ø89 pipe to be installed in the section.
- The Roller Slides will be manufactured with rotation technology from powdered self-colored LLDPE raw materials. The dyestuffs used in coloring will be in accordance with the children's health and food regulations. article
- TS EN 1176-3/ 04.02.2010 It is mandatory to have the expression 'SPIRAL SLIDE' within the Scope of the Document.
- ϖ weight min.47 KG.

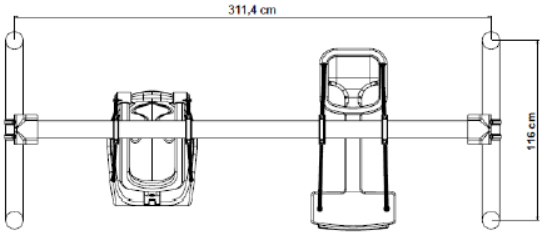
H:100 CM FLAT TUBE SLIDE (ASSEMBLED)

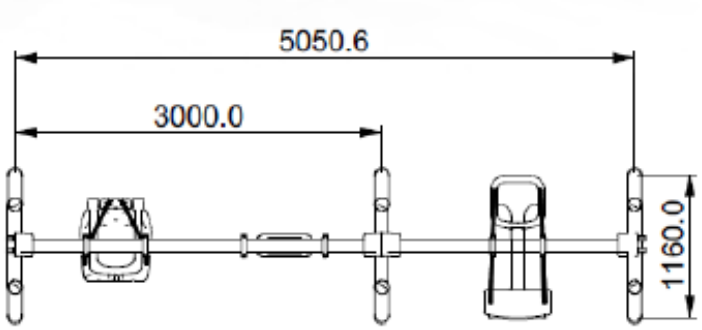


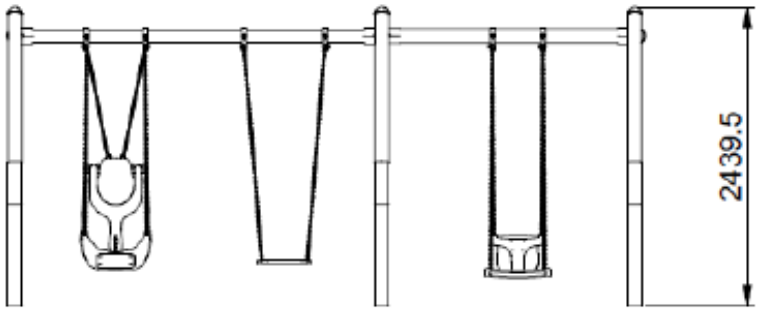
- Parts that make up the tube slide; Entrance panel and tube outlet part will be produced from powdered self-colored LLDPE raw material as double-walled, spacers will be manufactured as single-walled by rotation technology. The dyestuffs used in coloring shall be suitable for child health and food regulations.
- It will be designed to descend from platforms with a height of H:100 (±10 cm) with a maximum slope of 40°. It should conform to the figure in the technical drawing. The inner diameter of the cylindrical slide will be 75 cm.
- In order to ensure safe entry of children to the slide, a polyethylene barrier and a minimum 145° angled elbow will be manufactured in one piece. The entrance railing will be 100 cm (+/-10) high from the platform. There will be an angled outlet elbow at the bottom to reduce its speed.
- After the three parts of the tube slide are brought together and pressed face to face, 8 holes with a diameter of 10 mm will be drilled on each tube part, on the condition that galvanized plated imbus bolts, nuts and washers are used, and the connection will be provided. These connection nuts will be protected by plastic covers.
- There will be a metal foot connection at the bottom to be fixed to the ground. These will be fixed by placing concrete on the ground with metal feet according to their height.
- For the surface of the final product to be smooth; The surface of the mold made of aluminum or equivalent material must be sandblasted and must be produced by Teflon coating for surface brightness.
- **weight min.71 KG**

UNOBSTRUCTED AND MATERNAL LAP SWING SK-105 TECHNICAL SPECIFICATION



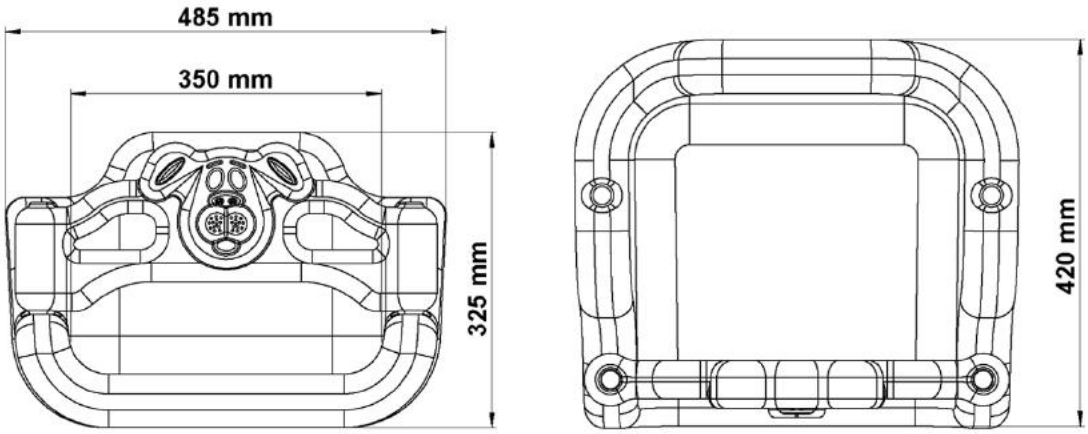






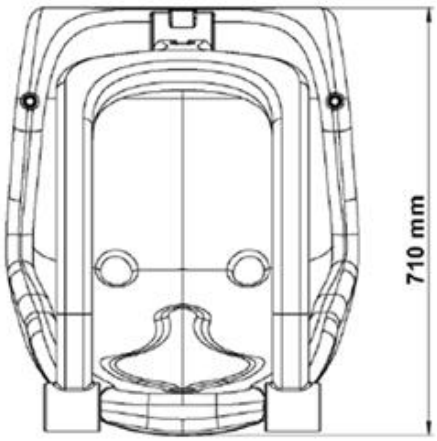
- The installation should be formed by connecting a total of 4 bearing clamps with chains, 2 for each swing, to a 300 cm-long Ø114 mm minimum 2.5 mm pipe connected by pipes with a minimum wall thickness of Ø 114 mm and 2.5 mm pipes that pass into each other on both sides.
- Definitely, a swing seat made of hard and metal material will not be used due to impact problems.
- The distance between the bottom surface of the swing seat and the Decking surface should be at least 40cm (+/-10cm).
- After the struts and carrier pipes forming the Swing Swing are made of galvanized pipe or subjected to sand blasting, the static oven paint process should be applied.
- The connecting chains will be used as hot-dipped galvanized, with a minimum of 25 microns against rust. 6 mm caliber and double row chain should be used to prevent finger jamming.
- Polyethylene accessories that conceal the detail can be used optionally in the swing struts combinations.

SALINCAK OTURAĞI



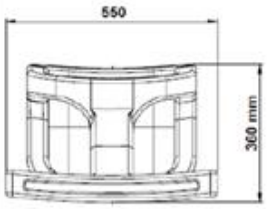
- It should be formed by connecting a total of 4 bearing clamps, 2 for each swing, to a 300 cm long Ø114 mm minimum 2,5 mm pipe connected by pipes with a minimum wall thickness of Ø 114 mm and a minimum of 2.5 mm on both sides, with chains
- A swing seat made of hard and metal material will definitely not be used due to impact problems. The distance between the bottom surface of the swing seat and the Decking surface should be at least 40cm (+/-10cm).
- After the struts and carrier pipes forming the Swing. Swing are made of galvanized pipe or subjected to sand blasting, the static oven paint process should be applied.
- The Connecting chains will definitely be used as hot-dipped galvanized, with a minimum of 25 microns against rust. 6 mm caliber and double row chain should be used to prevent finger jamming. Polyethylene accessories that conceal the detail can be used optionally in the swing struts combinations.
- Made of metal frame galvanized steel tube diameter 80 cm, wall 2.5 mm. The element represents a support formed by two pipes bent at an angle of 90* attached to each other.
- The swing seat should consist of polyethylene material with a front protection belt for 3-side closed safety.
  - Reclining Seats should be single and there should be a protection belt with an animal figure.
- The swing seat must be manufactured in such a way that its width and length are 48.5x42 cm and its height is at least 32.5 cm.
- The width of the living area is min. it should be 35 cm.
- The swing seat must weigh at least 3.5 kg along with its railing.
- A Shock-absorbing rubber bumper should be used on the front surface of the swing seat to prevent collisions.
- According to TS EN 1176-2 / 04.02.2010 It is mandatory to have the expression "**POLYETHYLENE**" within the scope of the Document.
- The dyestuffs used in coloring will be in accordance with the children's health and food regulations.

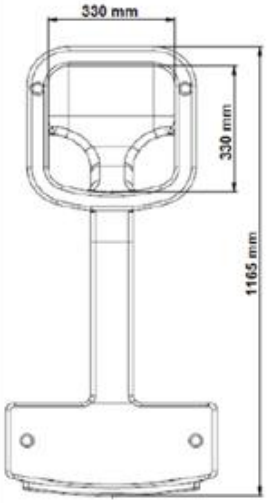
UNOBSTRUCTED SWING SEAT



*The swing seat should consist of polyethylene material with a front protection belt for 3-side closed safety.
*Reclining seats should be single person, there should be a protection belt with a mother and child figure.
*The unobstructed swing seat should be manufactured in such a way that its width and length are 59x71 cm and its height is at least 87.5 cm.
*The width of the seating area should be at least 50 cm.
*The bracket must weigh a minimum of 10 kg along with the swing railing.
*A Shock-absorbing rubber bumper should be provided against bumps in the front part of the unobstructed seat.
*A Locked safety system should be used between the seat Decking and the protective belt for child safety. *According to TS EN 1176-2 / 04.02.2010 It is mandatory to have the expression "POLYETHYLENE" within the scope of the Document.
*The dyestuffs used in coloring will be in accordance with the children's health and food regulations.

MOTHER'S LAP SWING SEAT





*Third, the mother's lap swing seat should be closed on the 4 side of the child's seat, and the seat where the mother will sit should be produced in such a way that there are fine lines to prevent slipping.
*Reclining Seats should be single.
*A Shock-absorbing rubber bumper should be used on the front surface of the swing seat to prevent collisions.
*The swing seat width and length should be manufactured to be 116.5x55 cm with a minimum height of 36 cm.
*The width of the seating area where the child will sit is min. it should be 33 cm.
*A Mother's lap swing seat should weigh at least 10 kg.
* According to TS EN 1176-2 / 04.02.2010 It is mandatory to have the expression "POLYETHYLENE" within the scope of the Document.
*The dyestuffs used in coloring will be in accordance with the children's health and food regulations.

ISILTI PARK
IŞILTI ÇOCUK OYUN GRUPLARI PLASTİK SAN. TİC. A...
Büyükkayacik[illegible]
Tel: +90 332 502 10 79 E-mail: bilgi@isiltiplastik.co
Soğruk V.D. 468 058 7183 Ticaret Sicil No: 750