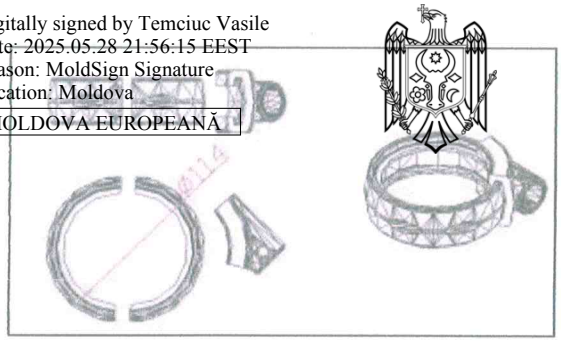
IP-101

BEARING 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 systemin 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

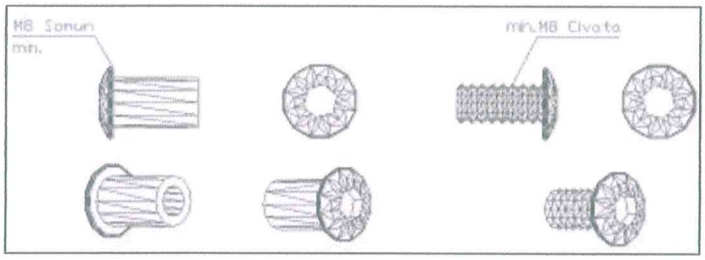
*The carrier clamps can be made based on fiber polyemide (nylon 66) made by injection method or by connecting the platform directly to the carrier system. All fasteners must be disassembled and detachable.

* Barrier clamps should be polyemide based, made by injection method.

*Beam Connections to the rear; must be polyemide-based, made by injection method. Connection diameters min. 32 mm. It should be suitable for diameter pipes.

A. All nuts, bolts and washers used in 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 systemmust 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.
- Contact electro galvanized bolts should only be used in places that are closed with plastic lids. Exposed all bolts and nuts in the places should be dachromate coated.

IŞILTI PARK
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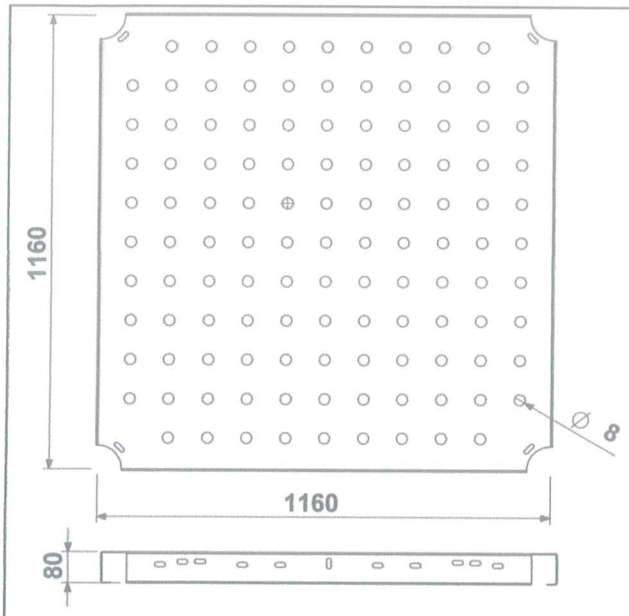
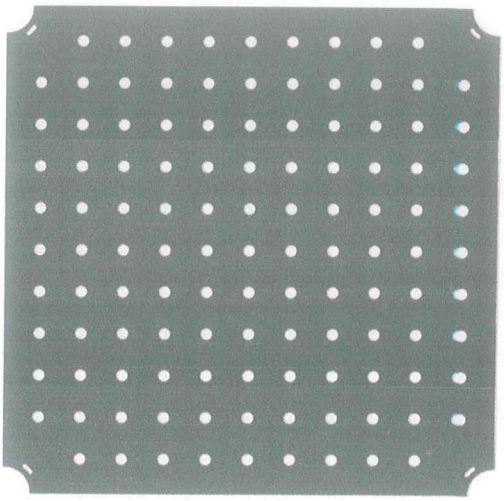
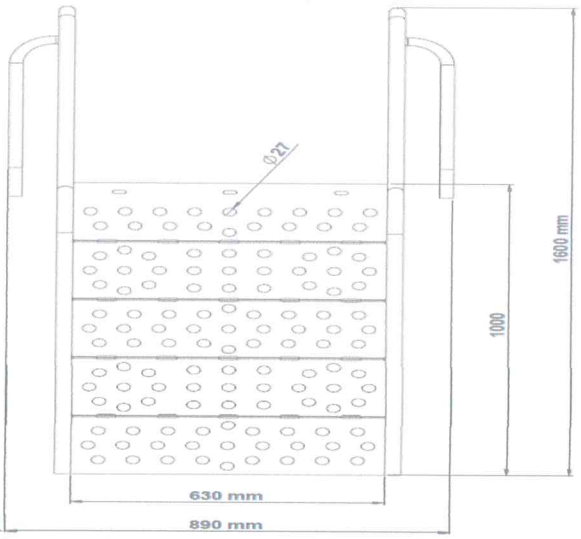
116X116 SQUARE PLATFORM

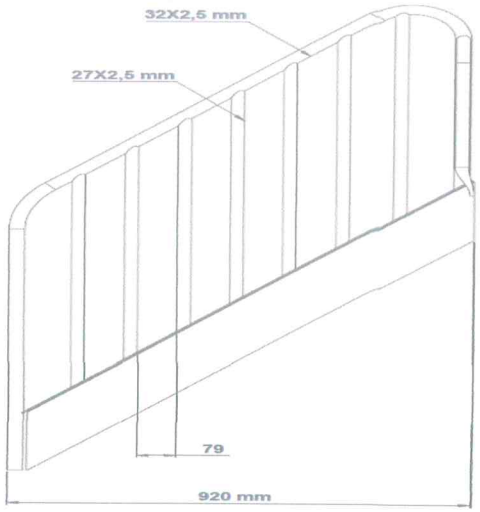




- A Minimum of 20x40x1.5 mm on the carcass made of box profiles, the dimensions of the platform, which will be formed by attaching a 2 mm wall thickness sheet metal with frequent points, will be 116x116 cm. The connection holes of the platform will be opened in advance. Number 6 is thrown under the platform and support the platform to take the measurements 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 anti static material mixed HOT DIP METHOD. 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).

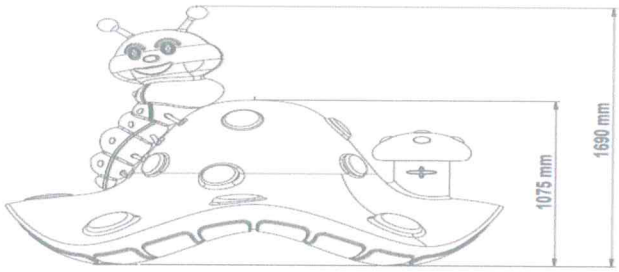
LADDER AND RAILING FROM THE GROUND TO THE TOWER

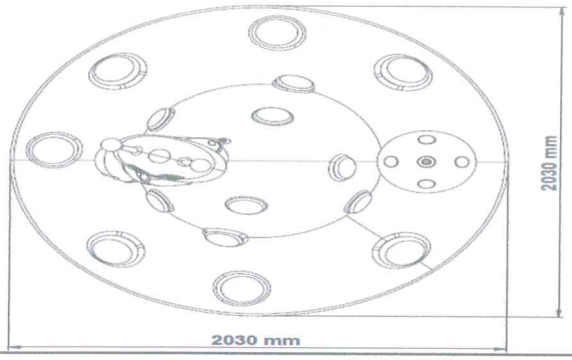




- The Access Stairs will be manufactured in one piece from dkp sheet with a wall thickness of 2 mm so that they can reach a height difference of 100 CM from the tower to the platform.
- The step height of the stairs will be 13 cm, 20 cm. Stair railing 70 cm, 85 cm height 2 pieces will be manufactured 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 32x2.5 mm pipe, the railings will be made of a minimum of 27x2.5 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.

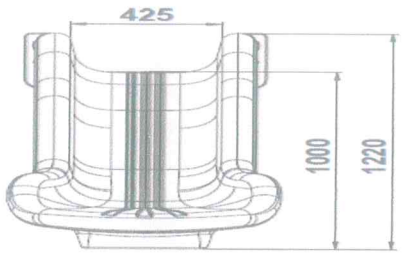
MUSHROOM ROOF

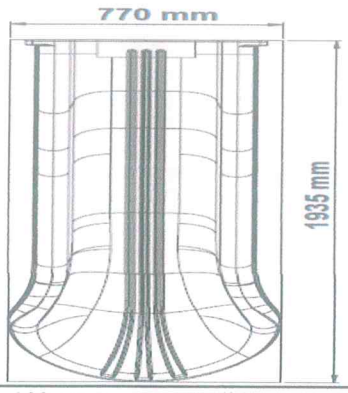




- The Rear Mushroom Roof has a diameter of 203 cm. It will be manufactured in the form of a minimum height of 169 cm and will consist of 3 parts with caterpillar and mushroom hats on it.
- The plug must be connected directly to the Ø114 pipes forming the carrier pipes of the system at the place where the cork roof is connected. A separate fastener should not be used Decoupled from time to time.
- Top Mushroom 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.45 KG.

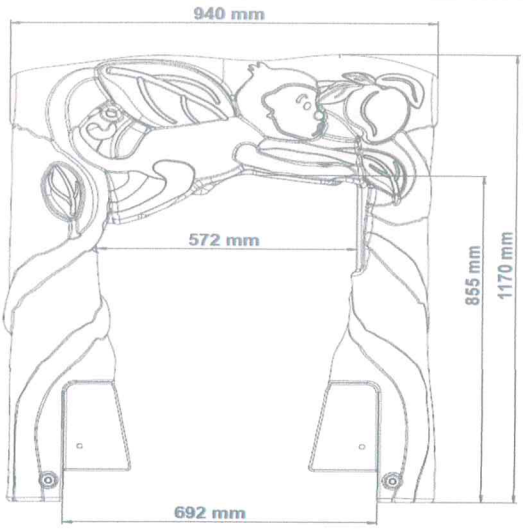
H:100 CM FLAT SLİDE





- 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 straight 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.
- Mounting slides; powdered self-colored will be manufactured from raw material LLDPE with rotational molding technology.
- The dye that is used for coloring of Child Health and will be required to comply with food regulations. TS en 1176-3 d / 04.02.2010 Document the scope of 'straight slide' statement must be included.
- ϖ weight min.25 kg

STRAIGHT SLIDE ENTRANCE WITH FIGURE

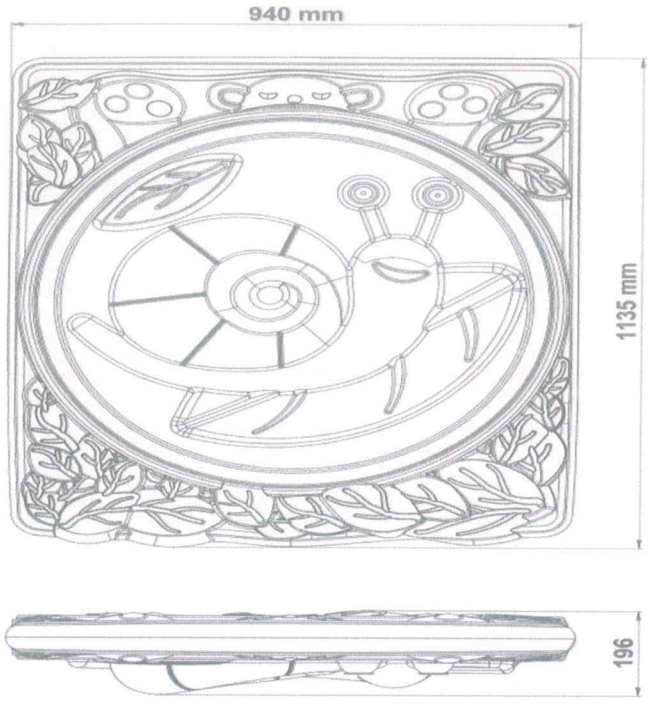


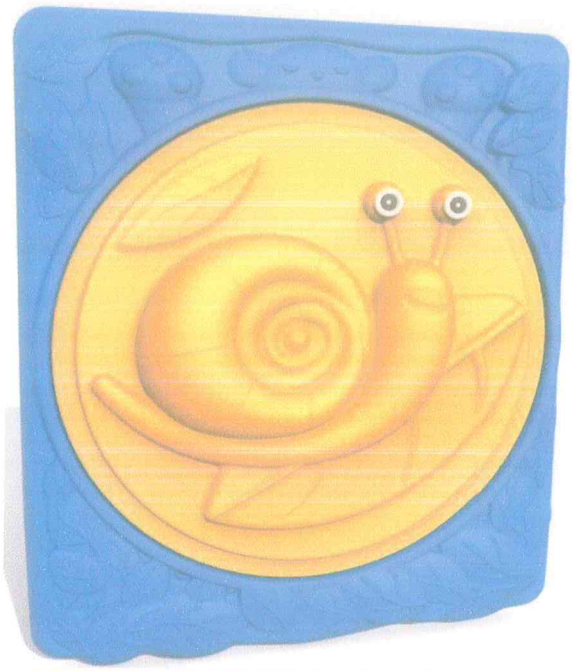
- The Flat slide entrance with a Side Figure will be manufactured with a double wall made of polyethylene, designed in one piece on the top and both sides in order to ensure the safe pas sage of children to the slide.
- The entrance of the Flat slide with a Side Figure has dimensions of 94x117 cm, the 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 from the lower side and 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 dye that is used for coloring of Child Health and will be required to comply with food regulations.
- ϖ weight min.9 KG

PLATFORM BOARD WITH ELEPHANT FIGURE

- Side Elephant shaped panels will be manufactured with rotation technology with double walls made of powdered self-colored LLDPE raw materials. The dye that is used for coloring of Child Health and will be required to comply with food regulations.
- The panels with an elephant 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.
- Elephant Figural panels d Ø 27 mm in diameter from the top to the thickness of 2 mm and 100 cm galvanized pipe clamp system with the help of the main construction work will be fixed to the platform by means of a screw from the bottom. Ø27x2 mm galvanized pipe will be passed through the polyethylene panels as a whole. pipes shorter than 100 cm will not be used.
- Mounting pipe diameter ø27 mm at the junctures of the tube with the board, which pass formed by the injection molding method, polyamide-based self-coloured plastic clamps will be used.
- ϖ weight min. 11 kg.

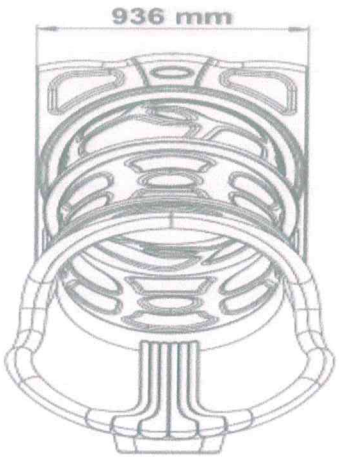
PLATFORM BOARD WITH SNAIL FIGURE

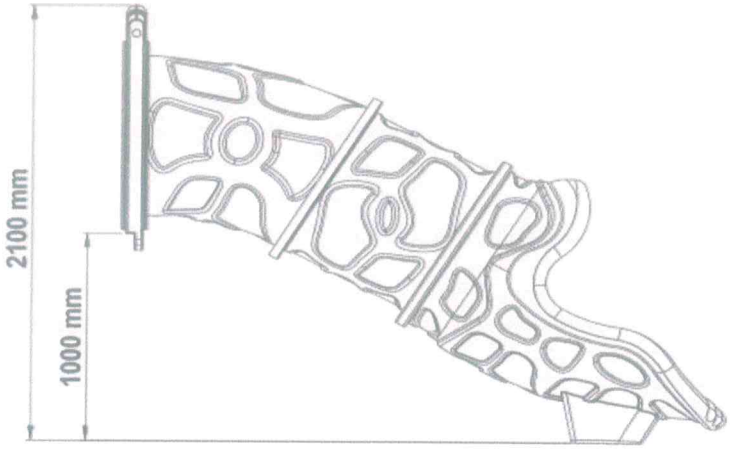


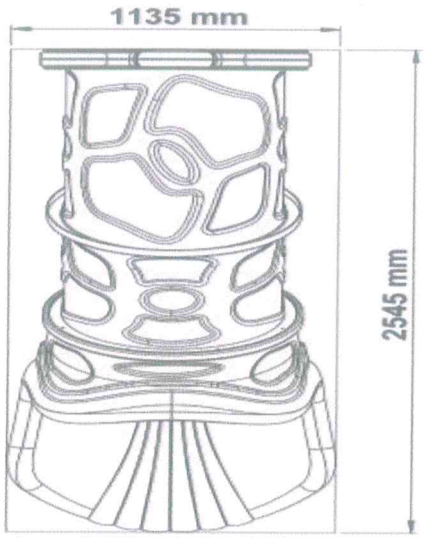


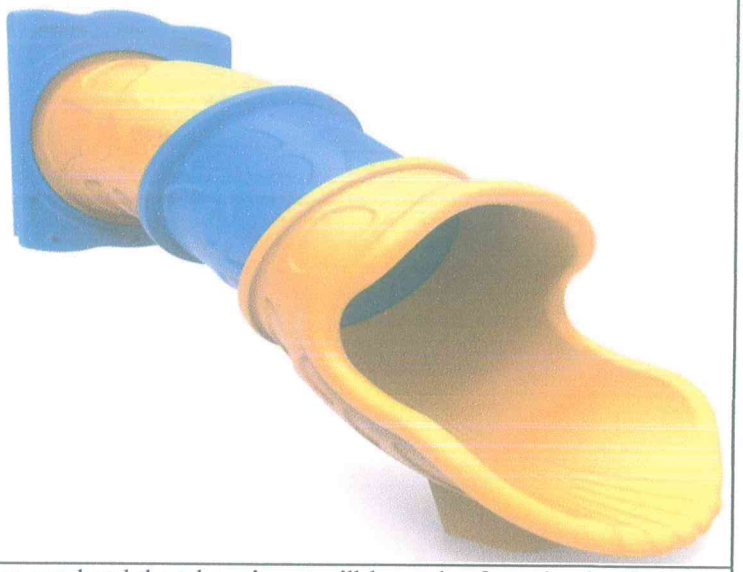
- TOP Snail shaped panels will be manufactured with rotation technology with double walls made of powdered self-colored LLDPE raw materials. The dyestuffs used in coloring will be in accordance with th e children's health and food regulations.
- The panels with the Attached snail figure are designed 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 pa nel will be mounted on the outer body.
- The panels with a Horizontal Snail 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, an d 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.
- Mounting pipe diameter ø27 mm at the junctures of the tube with the board, which pass formed by the injection molding method, polyamide-based self-coloured plastic clamps will be used.
- ϖ weight min. 11 kg.

H:100 CM FLAT-TUBE SLIDES (MOUNTED)



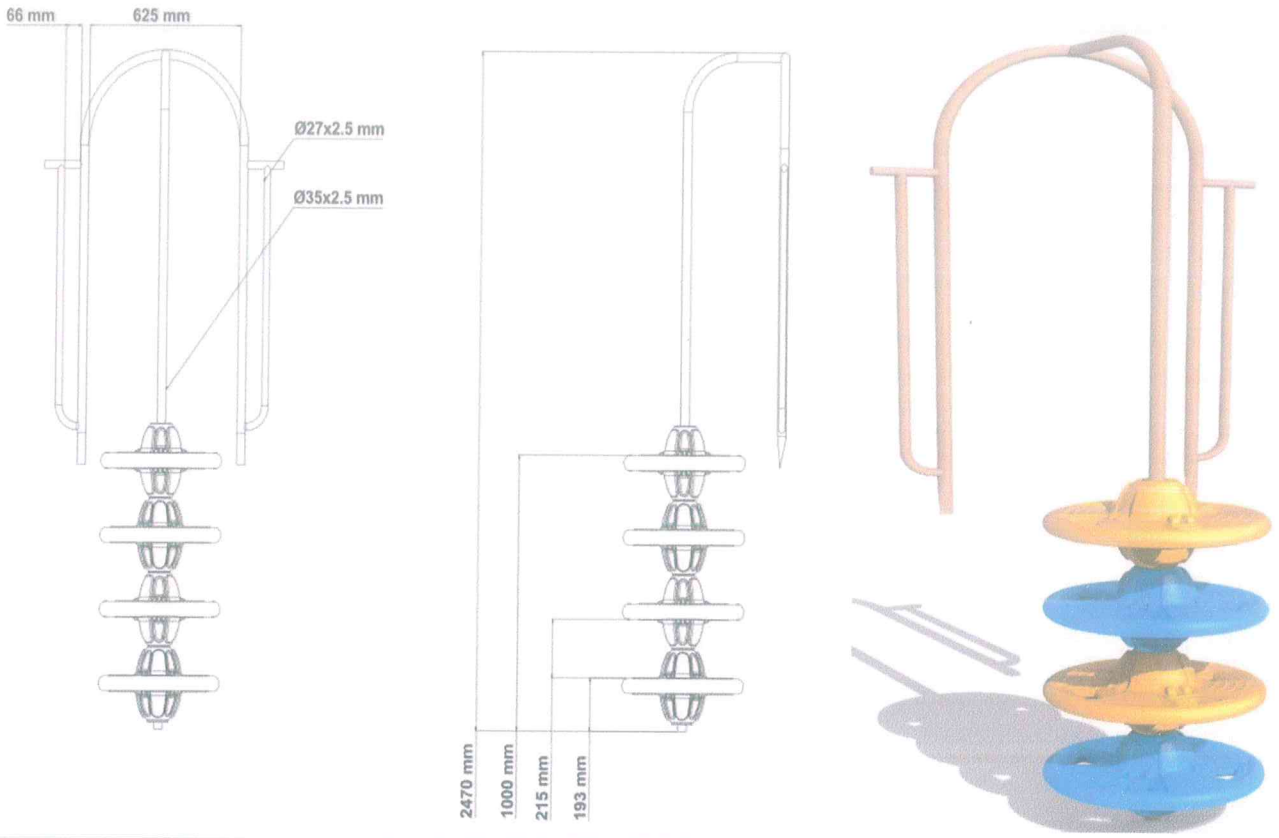






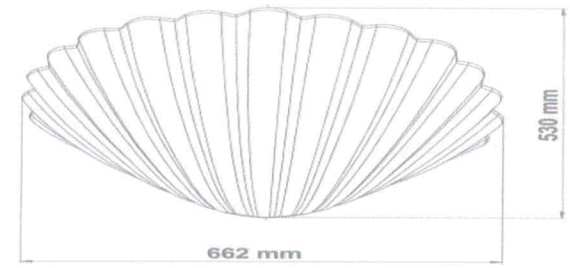
- The parts forming the Decking tube slide; The entrance panel and the tube exit part will be made of powdered self-colored LLDPE raw material with double walls, the spacers will be made with single walls with rotation technology . The dye that is used for coloring of Child Health and will be required to comply with food regulations.
- A:H: It will be designed to descend a maximum of 40 slopes from platforms with a height of 100 (±10 cm). It should be in accordance with the shape in the technical drawing. The inner diameter of the cylindrical slide will be 75 cm.
- A polyethylene barrier and a minimum of 145 angled elbows will be manufactured monolithic on the top of the slide to ensure the safe entry of children to the slide. The entrance railing will be 100 cm (+/-10) high from the platform. An angled exit bracket will be located at the bottom to reduce the speed.
- The connection of the three parts of the inner tube slide is brought side by side and after face-to-face pressing, connection will be provided with the condition of using galvanized plated imbus bolts, nut s and washers as a result of 8 holes to be drilled on each tube part with a diameter of 10 mm. These connection nuts will be protected with plastic caps.
- There will be a metal foot connection place to be fixed to the ground at the bottom. These will be fixed by throwing concrete on the ground with metal legs according to their height.
- In order for the surface of the final product to be smooth, it is necessary that the surface of the mold made of aluminum or equivalent material has been sandblasted and manufactured by undergoing a teflon coating process for surface gloss .
- ϖ weight min. 71 KG.

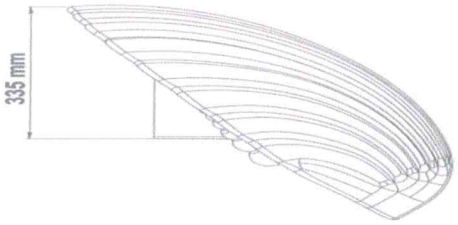
H:100 CM UFO CLIMBING



- Or Ufo climbing figures; They will be manufactured with rotation technology with double walls made of powdered self-colored LLDPE raw material. The dye that is used for coloring of Child Health and will be required to comply with food regulations.
- The number of Decals will be standard figures taking into account the anthropometric measurements of the respective user group between each UFO climb. (it should consist of an average minimum of 4 Polyethylene ufo climbing figures.)
- The course will be designed in such a way as to allow children to access the 0 - 100 / (± 10 cm) high platform by climbing and to support them to enter the playgroup safely.
- The 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 UFO climbing 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. 20 KG.

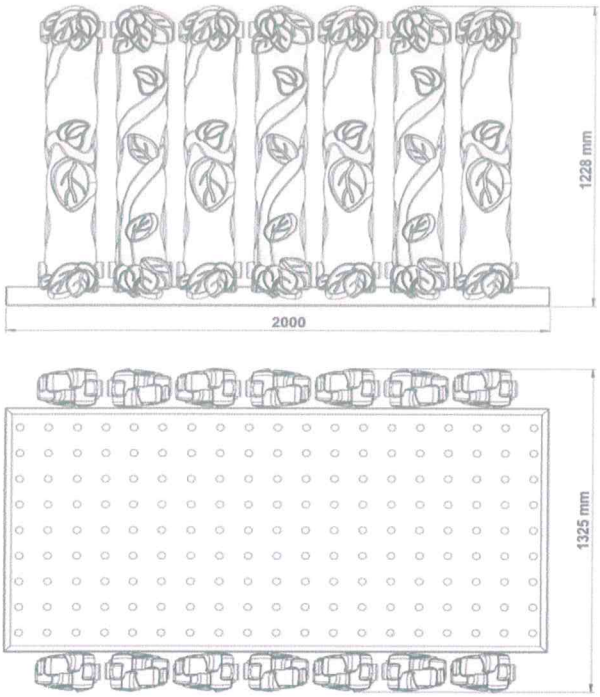
SEASHELL FIGURE

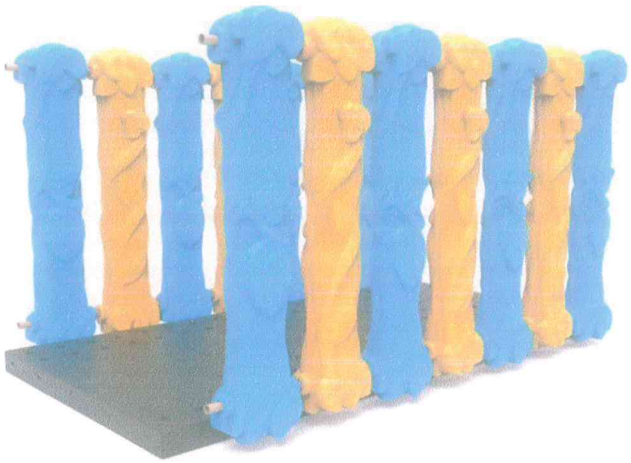




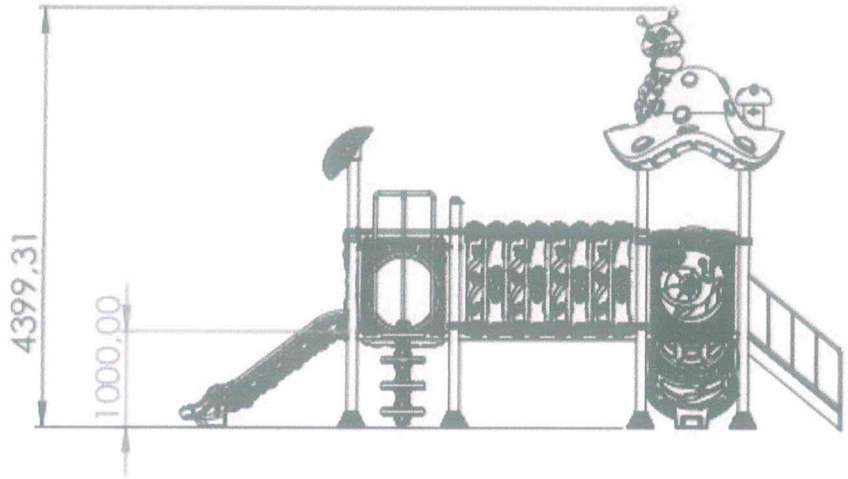
- The shell figure will be made of self-colored polyethylene in accordance with the specifications specified in the technical specifications and designs, which will be fixed with a bolt and nut connection by passing 10 cm into the Ø114 mm pipe, and will be at least 125 cm above the platform or standing level.
- The back seashell figure will be manufactured in such a way that it has a double wall.
- The figures will be in the required cross sections and strength 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 dye that is used for coloring of Child Health and will be required to comply with food regulations.

FLAT BRIDGE WITH 200 cm FENCE FIGURE





- A Minimum of 20x40x1.5 mm on the carcass made of box profiles, the dimensions of the flat bridge to be formed by attaching 2 mm wall thickness sheet metal with frequent points will be 200x116 cm. The connection holes of the flat bridge will be opened in advance. The dimensions of the flat bridge 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 anti static material mixed HOT DIP METHOD. The PVC thickness will be at least 1 mm at each point.
- Each bridge railing should be designed to be mounted in relation to each other and thus a strong structure should be created.
- Ø d 2 mm to 27 mm in diameter by the top and bottom bridge railings 186 cm the thickness of galvanized pipe and clamp with the aid shall be fixed by means of a screw main construction of the system.
- All openings are entry during installation, tunnel or bridge size (width, height) must be within the norms of international safety and security.
- The polyethylene bridge railings must be manufactured as disassembled and can be produced in the same or different colors upon request.
- Bridge railings will be manufactured from powdered self-colored LLDPE raw materials with rotation technology in such a way that they will be double-walled. The dye that is used for coloring of Child Health and will be required to comply with food regulations.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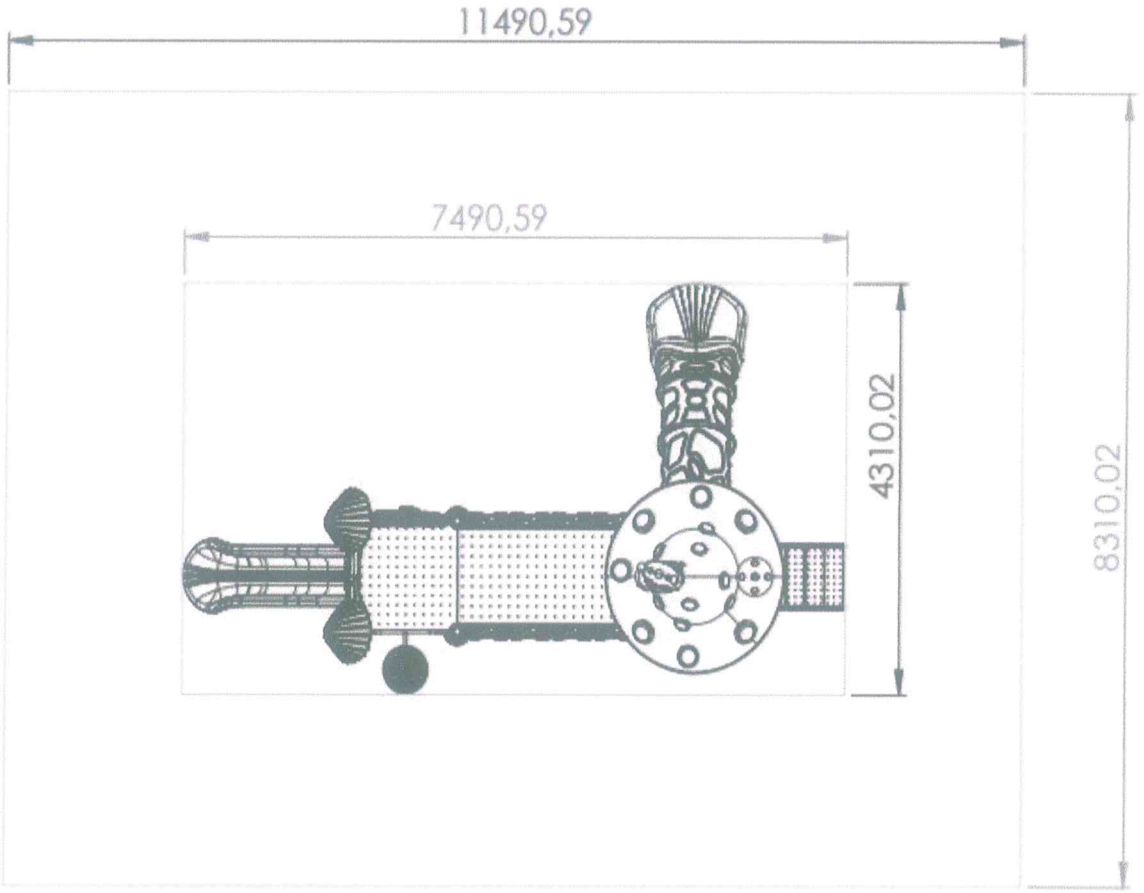
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