



## SIMAT CO.LTD.

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KONYA/TURKEY



### TECHNICAL DESCRIPTION ( lot1)

#### 1. Game complex:

The play complex will be made of impregnated wood, not surface coatings, intended for children from 3 to 15 years old and will consist of:

- Access ladder (1 piece) Will consist of 9 treads with 12x45 ° cut edges, no sharp edges, with a minimum dimension of 90 x 22 x 4 cm, with constant spacing, uniform and horizontal construction. The front of each rung will be vertical to the back of the bottom rung. The stiffening will be done with two side boards with a minimum dimension of 150 x 20 x 4 cm, with 12 x 45 ° cut edges and no sharp edges. The access staircase will be equipped with 2 parapets formed by 2 inclined metal railing, which will contain 10 gutters installed at equal distances, and 2 live arms, fixed by embedding in the milled sections, anti-corrosion corners. A screw-nut and a self-tapping screw will be used as connecting elements, and the protruding parts of the screws and nuts will be recessed into the wooden structure and protected by plastic covers.

From the stairs you will be taken to a roofless area.



Platform with a roof and a wooden swing with 2 posts (1 pc.) It will be made of impregnated wood, not surface paints, intended for children aged 3 to 15 years, designed for a maximum of 3 users. The

deck with a roof and a wooden swing with 2 posts will consist of a waiting area and a wooden swing with 2 posts.

The waiting area (floor) will be paved with boards without gaps between them, with a minimum size of 109x90x4 cm, which does not allow the leg or leg to be blocked.

Wooden poles (4 pcs.) Will have a minimum square section of 90x90 mm and a height of 3.00-3.20 m with 12x45 ° machined edges without sharp edges, and in order to avoid constant contact with the ground, they will be supported on rigidly fixed metal poles ... the column is protected from corrosion and is poured with concrete, so that the lower part of the support is at a distance of 20mm from the natural ground level. On the tops of the pillars PAFS roofing will be provided with a minimum size of 120x120cm and a minimum height of 55cm.

Wooden beams (2 pcs.) To strengthen the structure, they will have a minimum square section of 90x90 mm and a minimum length of 90 cm, and the edges will be processed at an angle of 12x45 so that there are no sharp edges. The waiting area will be equipped on one side with 1 parapet, consisting of a fence with a metal structure, gutters and handrails. The parapet will contain a metal fencing structure, protected from corrosion and fixed to the post by embedding in milled areas, which will have 6 wood holes with a minimum size of 100x5x4 cm with machined edges without edges, at equal distances from each other. On the inner side of the parapet, both in the lower part and in the upper part of the structure of the metal fence, there will be 2 gutter handrails of minimum dimensions 90x5x4 cm with finished edges without edges.

On the other side of the waiting area, a metal fencing structure will be provided, protected from corrosion and attached to the post by cutting into milled sections to connect various equipment (access platforms, slides, connections) to the waiting area.

On the inner side of the structure of the metal fence, both in the lower part and in the upper part, there will be handrails made of gutters with a minimum size of 90x5x4 cm with machined edges without edges. The wooden floor will be installed (positioned) at a distance of 150 cm from the base of the post, resulting in a drop height of 150 cm from the waiting area. A horizontal swing will be attached to one of the platform supports.

Seats number two will have the following dimensions: length 40-45 cm, width 1820 cm, thickness 4-5 cm and will be made of durable rubber reinforced with aluminum inserts.

The stainless steel chains will be 1.60–1.65 m long, with eyelets  $\varnothing$ 5–6 mm and will be wrapped in a polypropylene hand guard.

The equipment will have the following minimum dimensions: length 400 cm, width 185 cm, height 340 cm.

The equipment will be secured with metal supports to prevent direct wood-to-ground contact in the B150 concrete foundation at a depth of 75 cm.



Straight slide (1 pc.) - will be made of high density polyethylene (HDPE), intended for children aged 3 to 15 years and no more than 1 user.

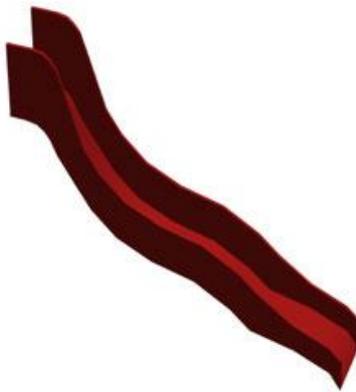
The slide on the right will be connected to the waiting area and will become the equipment with which children will ride on a track 250 cm long and 40 cm wide, bounded by side rails placed along its entire length.

On the right slide, there will be 3 zones: the start zone, the slip zone and the exit zone. The start area is the area where the child can enter the sliding position and is in the continuation of the waiting area. It will be protected by side rails with a height of 50 cm. In this area, within the metal frame used for the connection, a transverse restraining strip will be provided, which does not allow access to the user in the vertical position, but only in the curved position.

The sliding platform will have an angle of  $60^\circ$  to the horizontal and will be protected by side rails 20-25 cm high.

The exit zone is the zone in which the child leaves the slip zone. The end of the exit zone will be bent down, and its edge will not touch the ground, being at a height of 20-25 cm above the ground. It will be protected by side rails 20 cm high.

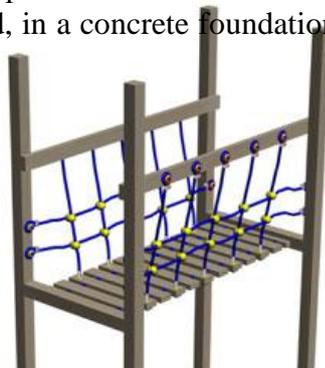
The initial height of the slide will be 150 cm, resulting in a fall height of 150 cm.



Mobile bridge connection (1 pc.) - will be intended for children aged 3 to 15 years and in the amount of 1 user, will be used to connect two waiting areas between two platforms.

It will consist of 13 beams made of impregnated wood, not painted with a surface coating, located in one horizontal plane, one after the other, supported by two horizontal ropes, which will be fixed to the sleepers of adjacent platforms. Mesh rails will be provided on the side, supported by two horizontal sleepers that will connect the respective supports of the two platforms. The dimensions of mobile bridging will be as follows:

- length: at least 200 cm
- width: min. 108 cm. The equipment will be fastened through 4 metal supports, preventing direct contact of wood with the ground, in a concrete foundation B150, at a depth of 75 cm, 40 cm long, 40 cm wide.



- Spiral slide (1 pc.) - made of fiberglass and is intended for children from 3 to 15 years old and no more than 1 user.

The spiral slide will be connected to the waiting area and will be equipment that allows children to slide along a serpentine 310 cm long and 60 cm wide, bordered by side rails placed along it.

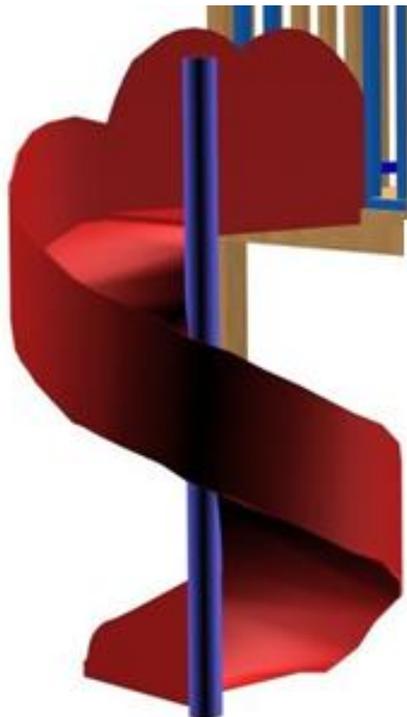
The slide will show 3 zones: start zone, slip zone and exit zone.

The starting area will be protected by side rails at least 50 cm high and will provide an area where the child can enter the sliding position and will be in the continuation of the waiting area. In this area, within the metal fencing used for the connection, a transverse bounding bar will be provided, which will not allow the user to access the starting area in a vertical position, but only in a bent position.

The sliding platform will be protected by side rails with a minimum height of 30 cm.

The exit zone is the zone in which the child leaves the slip zone. The end of the exit zone will be bent down and its edge will not touch the ground, being 25 cm above the ground. It will be protected by side rails 25 cm high.

The initial height of the slide will be 150 cm, resulting in a fall height of 150 cm.



Small platform and wooden swing with 1 station (1 piece) - will be made of wood impregnated in the mass, not with surface paints, intended for children aged 3 to 15 years, designed for a maximum number of 3 users.

A small platform and a 2-position wooden swing will consist of a waiting area and a 2-position wooden swing.

The waiting area (floor) will be paved with boards without gaps between them, with a total size of at least 109x90x4 cm, which makes it impossible to block a leg or leg.

Wooden poles (4 pcs.) Will have a square cross section of at least 90x90 mm and a minimum height of 2.55 m with 12x45 ° machined edges without sharp edges, and in order to avoid permanent contact with the ground, they will be supported on metal poles, fixed to the post and protected from corrosion., poured with concrete so that the lower part of the post is at a distance of 20 mm from the natural elevation of the earth. Wooden beams (2 pcs.) To strengthen the structure, they will have a minimum square section.

90x90 mm and a minimum length of 90 cm, and the edges will be cut at a 12x45 ° angle and will not have sharp edges.

The waiting area will be equipped on one side with 1 parapet, consisting of a fence with a metal structure, gutters and handrails. The parapet will contain a metal fencing structure, protected from corrosion and fixed to the column by embedding in milled areas, which will be covered with 6 100x5x4 cm wood holes with machined edges without edges, at equal distances from each other. On the inner side of the parapet, both in the lower and in the upper part of the structure of the metal fence, there will be 2 gutter handrails with a minimum size of 90x5x4 cm with finished edges without edges.

On the other side of the waiting area, a metal fencing structure will be provided, protected from corrosion and attached to the post by cutting into milled sections to connect various equipment (access platforms, slides, connections) to the waiting area.

On the inner side of the metal fence structure, both in the lower part and in the upper part, there will be gutter handrails of minimum size 90x5x4 cm with machined edges without edges. The wooden floor will be installed (positioned) at a distance of 150 cm from the base of the post, resulting in a drop height of 150 cm from the waiting area. A horizontal swing will be attached to one of the platform supports.

The seat will have the following minimum dimensions: length 44 cm, width 18 cm, thickness 4 cm and will be made of tear-resistant rubber reinforced with aluminum inserts.

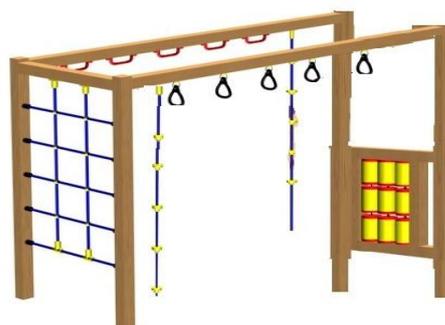
The chains will be stainless steel, 1.63–1.65 m long, with ø5–6 mm lugs and will be wrapped in a polypropylene bag to protect the hands.

The equipment will have the following minimum dimensions: length 290 cm, width 185 cm, height 275 cm.

The equipment will be secured with metal supports to prevent direct wood-to-ground contact in the B150 concrete foundation at a depth of 75 cm.



- 2. Mountaineering complex.
  - The climbing complex will include:
    - • Climbing net 1x1.5 m - designed for children from 3 to 15 years old and no more than 1 user.
    - The climbing net will consist of a frame consisting of two wooden poles impregnated with mass, not surface-coated paints, anchored to the foundation and connected to the top by a crossbar to which the horizontal rope net will be anchored. And vertical. The ropes will be specially made from twisted cable and wrapped in a polypropylene sheath, and the knots will be covered with plastic elements connected with metal screws to protect the hands.
    - The minimum dimensions of the climbing network 1x1.5 m will be:
      - • length: 118 cm
      - • height: 212 cm
    - The equipment will be fastened with metal supports, preventing direct contact of wood with the ground, in a concrete foundation B150, at a depth of 75 cm, 40 cm long, 40 cm wide.
    - - • This bar with rings and drawstring is intended for children aged 3 to 15 years and max. 1 user.
      - A crossbar with rings and a rope will consist of a crossbar on which the climbing rope is attached, and fastening and movement elements under the crossbar (rings), spaced at an equal distance with an interval of 420 mm.
      - Minimum dimensions:
        - • length: 318 cm
        - • height: 210 cm
      - The bar with handles and drawstring is intended for children from 3 to 15 years old and no more than 1 user.
      - A crossbar with handles and a rope will consist of a crossbar on which the climbing rope will be fixed, as well as equally spaced fasteners and movable elements (handles) under the crossbar.
      - Minimum dimensions:
        - • length: 318 cm
        - • height: 210 cm
      - • An interactive game board (x and o themed game) will be made of impregnated dry wood, consisting of 2 wooden sleepers with a minimum square section of 90 mm, held at a distance by two wooden spacers. Between the two spacers, three steel pipe metal axles will be inserted, onto which 3 rotating cylinders are inserted.
- Minimum dimensions: length: 90 cm, height: 89 cm. **(Our code for the climbing complex of 15 pieces: inox-clm-100)**



. Screw swing (Tiger) (**Our code for 15 tiger figured spring seesaw: inox-ssw-200**)

Swing on a spiral spring "Tiger", designed for children from 3 to 15 years old. Made of dry profiled wood, weather and pest resistant, with 1 coil spring. Equipped with two polyethylene seats and two handles fixed on two figures (tiger) made of high density polyethylene. Minimum dimensions: length: 170 cm, width: 25 cm, height: 90 cm. The safety surface is 13-15 m<sup>2</sup>.

The equipment will be mounted on a galvanized metal foundation embossed in a B150 concrete foundation at a depth of 50 cm, a width of 40 cm and a length of 75 cm.



. Equipment with coil springs (Zebra) (**Our code for zebra-figured hdpe rider 15 pieces: inox-hdpr-100**)

Zebra Vertical Swing Coil Spring Equipment for children aged 2 to 8, for a maximum of 1 user, including:

- stamped galvanized metal foundation with a height of at least 155 cm, a width of at least 27 cm and a length of at least 105 cm; The protective surface will be at least 7 m<sup>2</sup>.
- coil spring unit, spring coil ø18 mm and height 400 mm;
- HDPE panels 15 mm thick - high density polyethylene without toxic tiger-type components;
- 2 handles made of HDPE with metal inserts without toxic components in accordance with the technical test report;
- 2 high-density polyethylene footrests with metal inserts without toxic components.
- HDPE seat
- self-locking screws and stainless steel nuts.
- Polyethylene caps and washers to protect screws and nuts.

The equipment will be mounted on a galvanized metal foundation embossed in a B150 concrete foundation at a depth of 50 cm, a width of 40 cm and a length of 75 cm.



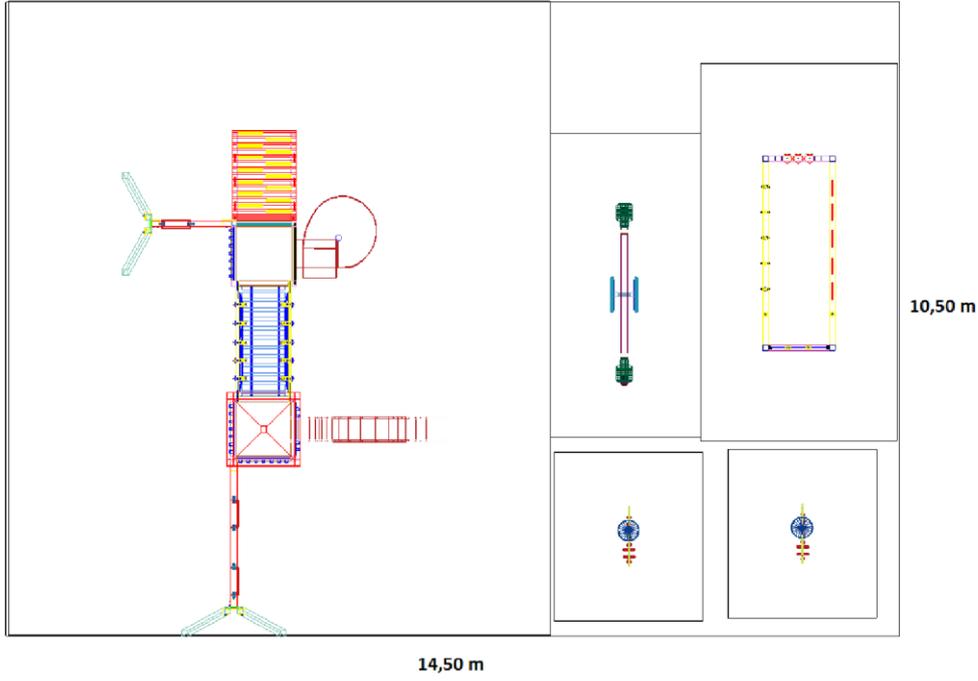
. Coil Spring (Horse) (**Our code for the horse figured hdpe rider of 15 pieces: inox-hdpr-110**)

Horse-drawn coil spring equipment with vertical swings, intended for children aged 2 to 8, for a maximum of 1 user, consisting of:

- stamped galvanized metal foundation with a height of at least 155 cm, a width of at least 27 cm and a length of at least 105 cm; The protective surface will be at least 7 m<sup>2</sup>.
- coil spring unit, spring coil ø18 mm and height 400 mm;
- HDPE panels 15 mm thick - high density polyethylene without toxic tiger-type components;
- 2 HDPE handles with metal inserts without toxic components in accordance with the technical test report;
- 2 high-density polyethylene footrests with metal inserts without toxic components.
- HDPE seat
- self-braking screw and stainless steel fastening nuts;
- Caps and washers made of polyethylene to protect screws and nuts. Fixarea echipamentului se va face cu ansamblu fundatie din metal ambutisat zincat, in fundatie de beton B150, la o adancime de 50cm, latime de 40cm si lungime de 75cm.



Our catalog code for the game complex of 15 pieces: inox-wdn-100



game complex - 15 pcs.  
climbing complex - 15 pcs.  
coil spring rocker Tiger - 15 pcs.  
Figurine in the shape of a zebra spiral - 15 pcs.  
spiral arch figure HORSE- 15 pcs.

**SİMAT OFİS EĞİTİM MALZ. PAZ. GİD. DIŞ TİC. VE SAN. LTD.ŞTİ.**

Sincerely,

**Kazım TAVUKÇUOĞLU**

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