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TECHNICAL SPECIFICATIONS
USER MANUAL FOR INSTALLATION, USE, MAINTENANCE AND CONTROL OF THE EQUIPMENT

Company: IMPRESIA 99 LTD

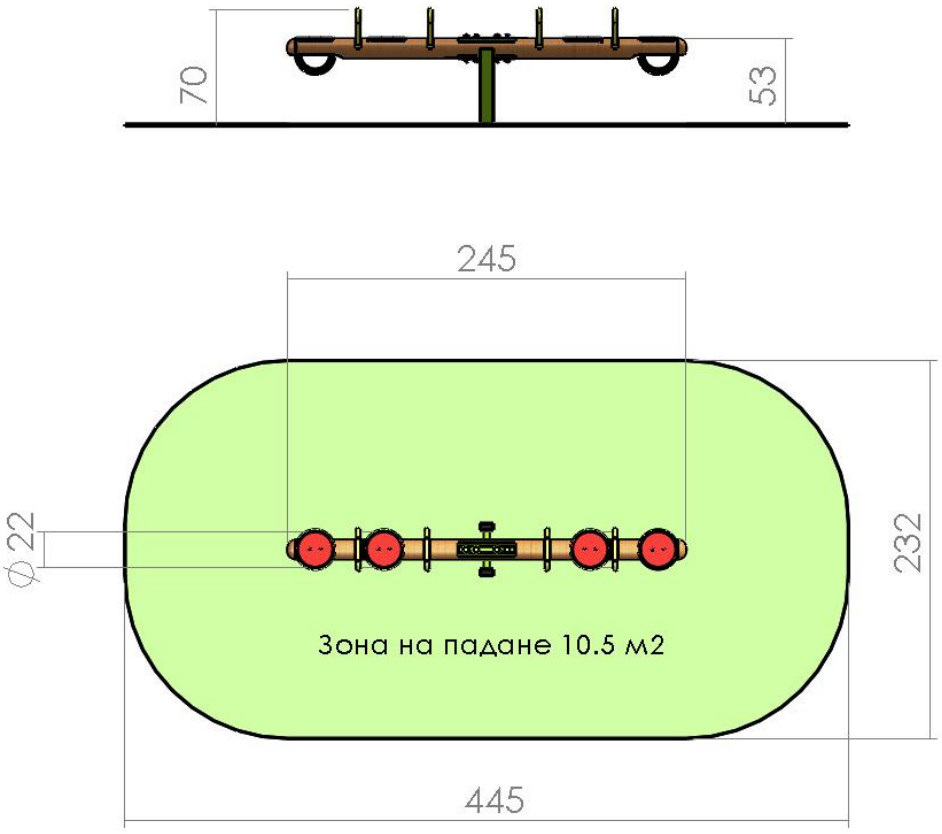
Swing B07-2

I. TECHNICAL SPECIFICATIONS

1. General Characteristics

Model	**B07-2**
Age	3 - 12 years
Maximum height of fall	100 cm
Game types	Swinging
Types of safety floors	Grass, sand, synthetic shock-absorbing floor
Safety standarts	BS EN1176-1, BS EN1176-6
Warranty period	24 months

2. Facility overall dimensions and minimum space to deploy



3. Materials Used

1. Structure consisting of round wooden profiles

Swing structure is made of turned Φ120 mm softwood that is dried up to 10% humidity, impregnated with a primer that protects against decay and is triple varnished with environmentally-friendly acrylic varnishes for outdoor use, meeting the requirements of BSS EN1176-1. Any cracks in the wood are filled with polyester filler. Structure wood profile corresponds to facility exploitation loads.
Facility structure is designed in compliance with BSS EN1176-1 requirements both in terms of constant and variable loads, in accordance with the number of users occupying the respective area or volume, as well as in terms of all requirements specified by this standard for fall protection and protection against all types of gripping.

2. Metal components and modules

Metal modules – hand rails and consoles, made of a metal Φ32 tube and metal profile straps complying with structure profile, having rounded edges and openings ensuring assembly to structure by means of bolts, are used for facility manufacture. These metal modules are painted with a double layer of special paints having antirust ingredients and high resistance to UV light and scratches, after being degreased and cleaned from any rust. Coating chemical composition complies with BSS EN1176-1.

3. Wooden profiled wood modules

Additional softwood modules – the seats, have been used for facility manufacture. They are all made of profiled 5 mm thick wood, that is dried up to 10% humidity, impregnated with a primer that protects against decay and is triple varnished with environmentally-friendly acrylic varnishes for outdoor use, meeting the requirements of BSS EN1176-1. All edges are rounded with 3 mm radius.

4. Polyethylene elements

All polyethylene elements (safety caps, plugs) are made by high-quality colour high-density polyethylene injection moulding and by adding the ingredients to ensure necessary plasticity and outdoor weathering and UV light resistance.

5. Rubber elements

All rubber elements of the facility are made of colour SDR styrene-butadiene rubber with shore80 hardness, corresponding to outdoor weathering and UV light resistance requirements.

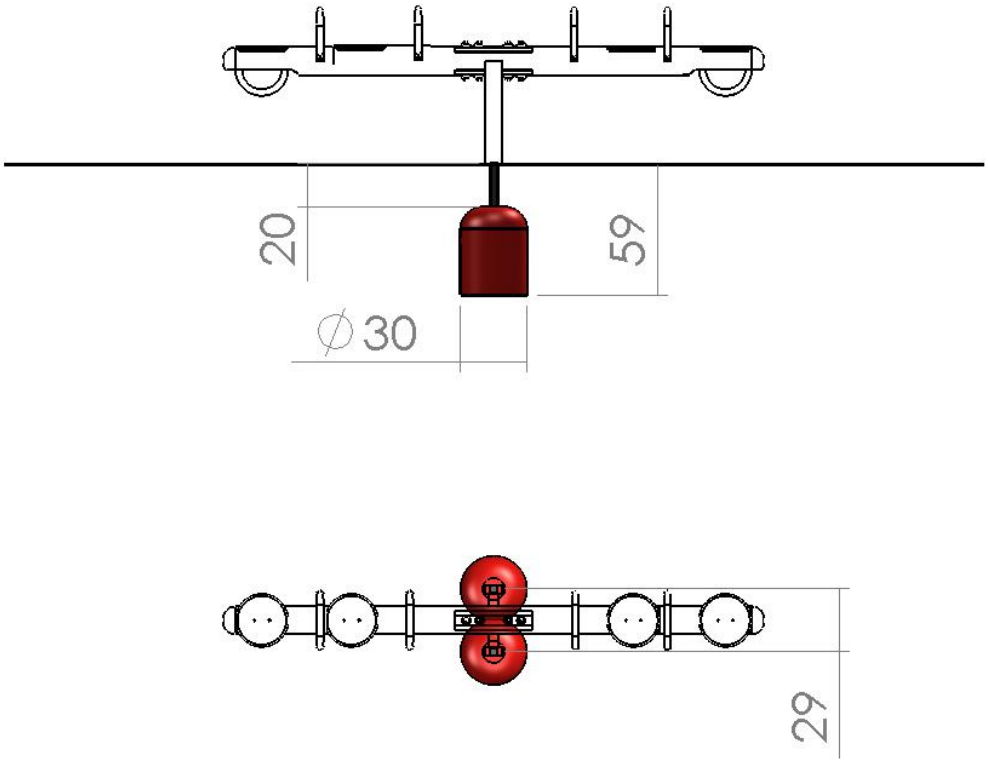
6. Fits

Individual modules and structure are assembled by means of metal, threaded galvanised lining with M8, M10 and M12. All bolt and nut heads not having flat configuration and for which no special instrument is needed are hidden by means of special caps.
Some modules are fastened to structure by means of galvanised angle straps having the necessary thickness, which ensure module strength indices.

7. Inset parts

Facility is fastened to the terrain by means of galvanised metal inset parts which are connected to facility columns and terrain-connected modules through metals bolts and nuts with cap-insulated heads.

II. ASSEMBLY OF THE EQUIPMENT



The equipment should be mounted on the ground in accordance with the Construction Declaration of the product through concrete foundations with the required dimensions or through anchoring to the existing concrete slab with a thickness at least 10 cm, which is reinforced in the anchoring area.

III. GENERAL INSTRUCTIONS FOR MAINTENANCE OF THE EQUIPMENT

> According to BS EN 1176 and Ordinance № 1 of January 12th, 2009 on the Terms and Conditions for Playgrounds Structure and Safety (State Gazette, issue 10/2009) the equipment is subject to regular, periodic and annual monitoring.

- The regular monitoring is carried out by the owner of the playground once every 7 - 10 days in order to examine for any obvious dangers.

- The periodic monitoring is carried out by the owner of the playground once every 1 - 3 months depending on how often the playground is visited. The periodic monitoring is carried out for the purpose of detailed examination of the functioning and stability of the play facilities due to their wearing.

- The annual monitoring is carried out for the purpose of complete and detailed examination of the overall level of safety on the playground, which should comply with the requirements of the above-mentioned Ordinance.

> In case of any troubles, measures to eliminate the identified hazards and risks for the safe operation of the playground should be taken.

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For company: IMPRESIA 99 Ltd