

## Technical description

Fitness equipment

### Double rear traction fitness equipment MFS-013.

**Components:** support pillar, lower base, lever system, 2 seats, handles.

The support pillar of the equipment made of steel pipe, with a wall thickness of 3 mm and a diameter of 130 mm, being mounted on a platform with holes for fixing to the foundation. All mobile components that support the weight of the body will be made of steel pipe with a diameter of 48 mm and a wall thickness of 2.8 mm. All articulated joints will be equipped with reinforced closed-type bearings. Static components will be constructed from a single element.



In the case of mobile elements, movement will be ensured by means of a joint system resistant to the external environment. The seats and backrests will be made of LLDPE polyethylene (linear low-density polyethylene) using “rotomoulding” technology. All mobile elements, heads, screws, nuts need to be covered with plastic protective caps.

The metal elements need to be sandblasted and electrostatically painted in two layers with a thickness of 100 microns to make them resistant to the external environment.

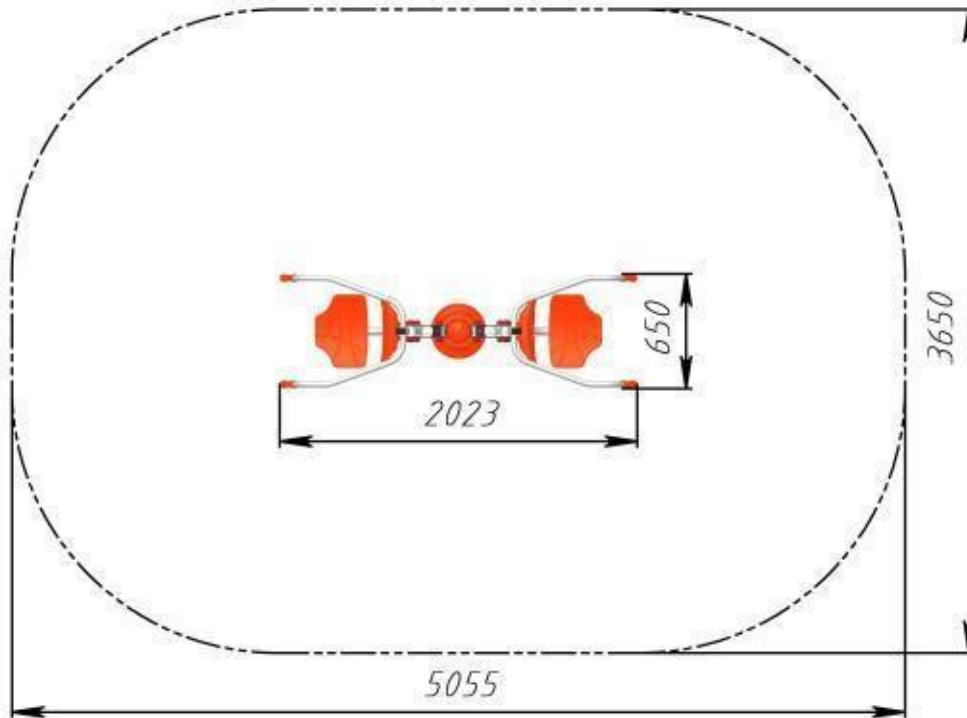
**Materials:** steel, LLDPE, rubber, galvanized fasteners, plastic caps in the places of the threaded joints.

The foundation of the structure will have dimensions of  $L \times l \times h = 300 \times 300 \times 500$  mm.

**Installation requirements:** To ensure safe and reliable operation, all supporting elements are to be deepened into the ground (earth) 0.50m to increase rigidity, then following the concreting process (BC 300 concrete). The installation of the elements must exclude the possibility of their disassembly without the use of special purpose tools.

**Dimensions:** Length - 2023 mm, Width - 650 mm, Height - 1880mm.

In addition to the space occupied by the equipment, according to the regulations in force, an impact zone of 1.5 m will be provided.



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Sincan Organize Sanayi Bölgesi Ahi Evran OSB Mahallesi Anadolu Caddesi No:11/A-B Sincan / Ankara / TÜRKİYE  
Tel: +90 312 395 40 84 / Faks: +90 312 395 43 04  
E-mail: bilgi@mertoglu.com.tr - exim@mertoglu.com.tr  
Ticaret Sicil No: 3115046 / Mersis No: 0619017662500010

**Mertoğlu Çevre Tasarım Ltd.Şti.**

Sincan Organize Sanayi Bölgesi Ahi Evran OSB Mahallesi Anadolu Caddesi No:11/A-B Sincan / Ankara / TÜRKİYE  
Tel: + 90 312 395 40 84 Fax: +90 312 395 43 04 e-mail: bilgi@mertoglu.com.tr - exim@mertoglu.com.tr Web: www.mertoglu.com.tr