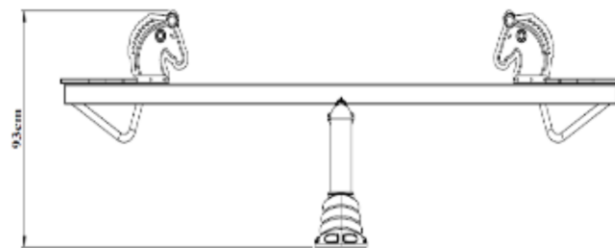
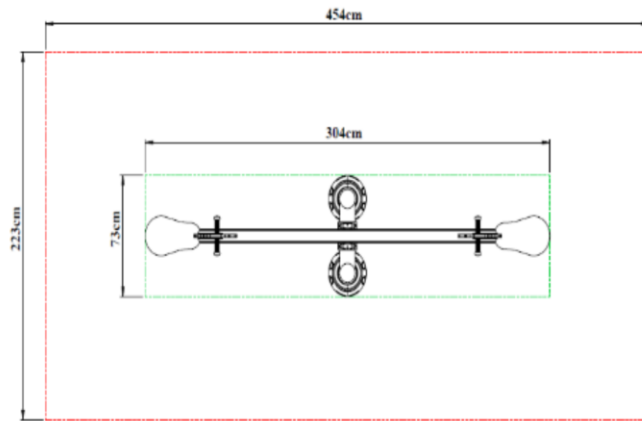


PC-46

HDPE Horse Figured Seesaw

- The HDPE horse figure seesaw is designed with the largest free-fall height of max 1250 mm.
- The angle of the product in the horizontal plane with the floor is no more than 20°.
- When measured in the balance position, the ground clearance of the seat does not exceed 700 mm.
- At the bottom of the seesaw seat, a hoppy spring and HDPE boards are welded that can absorb impact to ensure a smooth collision with the ground during use.
- Seesaw movement is provided by a special bearing system.
- The middle pipe is manufactured with a diameter of $\text{Ø}114 \text{ mm} \pm 5 \text{ mm}$ and a height of at least $60 \text{ cm} \pm 10 \text{ cm}$.
- The main carrier is min. it is made of 10*10 cm profile with a thickness of 2.5 mm.
- HDPE seesaw seat and handle figures; minimum 19 mm HDPE (high density polyethylene) material is obtained by cutting in CNC router machine in accordance with the desired concept.
- The parts cut on router machines are milled and softened so as not to leave any burrs or sharp corners.
- Footrest and hand grip bars are designed and produced ergonomically for comfortable and safe use on the product.
- 2 Springs are used in the product. The cross-sectional diameter of the spring steel used is manufactured in such a way that the minimum diameter of the spring is 19 mm, the overall diameter of the spring is minimum 180 mm and the minimum height is 400 mm.
- It is produced with a minimum of 7 and a maximum of 8 helical windings on the spring element.
- The product is manufactured from cold drawn spring steel, which resists heavy and dynamic loads, in accordance with the TSE EN 1176 standard, with a maximum oscillation of 30 degrees.
- The connection of the product with the ground is carried out with the help of anchor sheet with a minimum thickness of 2 mm, with driven dowels.
- Product assembly is provided with the help of shaped sheet metal flanges on two spring forehead press benches.
- Protection apparatus is used at both ends to prevent finger and hand jamming on the winding heads of the spring.

- After the work on the metal parts is finished, sandblasting is done.
- The spring is galvanized and colored with electrostatic paint in order to prevent rust and increase corrosion resistance.
- The panels that cover the outer middle pipe are made of HDPE material.



Dimensions	Seesaw Length	304 cm
	Seesaw Height	93 cm
	Raw material	HDPE