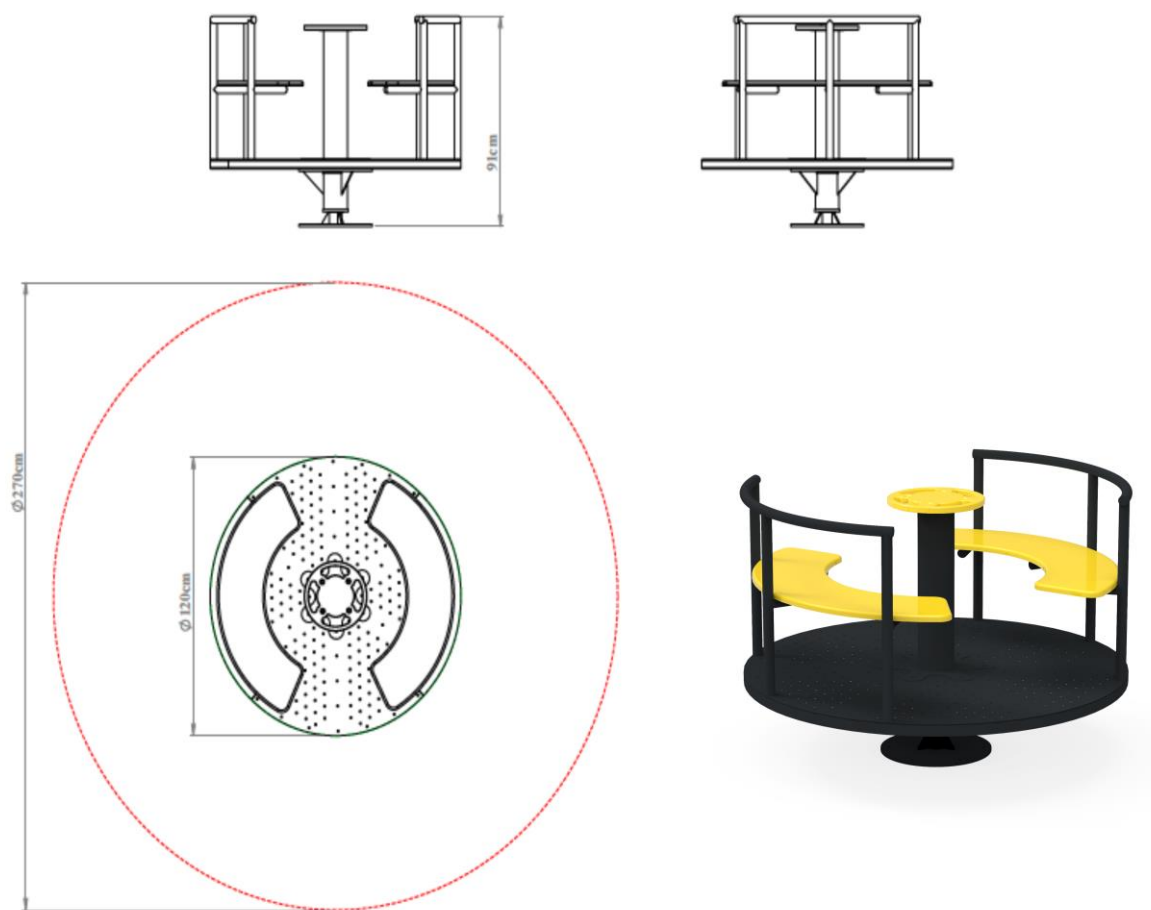


PC-11

Eco Merry Go Round

- The platform is manufactured from sheet metal with a thickness of at least 2 mm with a diameter of $\varnothing 120\text{cm} \pm 10\text{cm}$.
- In order not to accumulate water and dirt on the surface of the rotating platform and to strengthen the bonding of liquid rubber on the lower and upper surfaces, holes with a maximum diameter of 8 mm are placed with a series that will add an aesthetic appearance to the shelf.
- There are no sharp or sharp edges, corners or points on the vertical rotating platform that could risk safety, and there are no open-section profiles, elevations.
- In the production of platforms, the sheets must be cut with a laser and the holes are drilled with an 8mm punch.
- In the $\varnothing 114$ pipe located in the center of rotation, a circle figure is mounted that facilitates the retention, which will be used as a holding element.
- The circle used for vertical Attachment is obtained by cutting HDPE (High Density Polyethylene) material on a CNC router machine.
- It is composed of $\varnothing 400 \times 10\text{mm}$ thick platinum under the platform to increase the ground strength.
- The core and shaft assembly are manufactured by turning from steel shafts and tensile steel pipes of the appropriate diameter.
- Rotational movement is provided by using 2 tapered roller bearings and 1 fixed roller bearing in the hub.
- The swivel seats are designed to wrap the user's body and are made of LLDPE (Linear Low Density Polyethylene), a self-colored polyethylene plastic material weighing at least 2.5 kg.
- Therefore, HDPE material has the property of fire resistance.
- The parts cut on the router machines are milled and softened so as not to leave any burrs or sharp corners.
- Handrails made of $\varnothing 27$ mm pipes prevent falling.



Dimensions	Merry-Go-Round Length	120 cm
	Merry-Go-Round Height	91 cm
Features	Raw materials	LLDPE