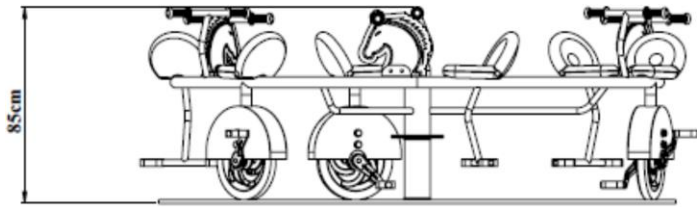
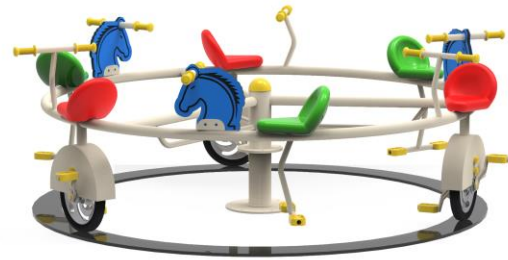
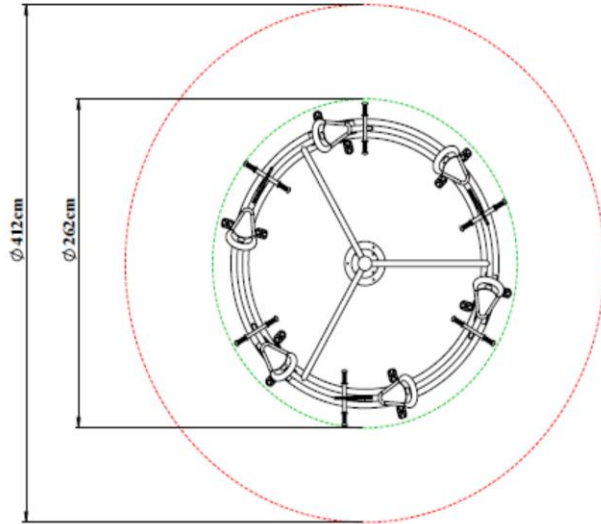


PC-02

Horse Figured Eco Merry Go Round

- The rotating metal assembly is formed by mounting $\varnothing 32$ mm pipes to a pipe with a diameter of $\varnothing 114\text{mm}\pm 5\text{mm}$ and a height of at least $60\text{cm}\pm 10\text{cm}$.
- The outer circle of rotation is made of $\varnothing 60$ mm pipes.
- It is manufactured by LLDPE (Linear Low Density Polyethylene) rotation molding method from self-used figure-colored polyethylene plastic material for the purpose of closing open-ended pipes.
- In order to increase the ground strength, metal with a thickness of $\varnothing 400 * 10$ mm is used under the platform.
- Core and shaft assembly are manufactured by turning from steel shaft and tensile steel pipes of suitable diameter.
- Rotational movement is provided by using 2 tapered roller bearings and 1 fixed roller bearing in the hub.
- The seat is manufactured by LLDPE (Linear Low Density Polyethylene) rotation molding method from self-colored polyethylene plastic material weighing at least 1 kg.
- The seat is designed in a form that prevents the user from sliding backwards.
- Straight handles; Made of $\varnothing 32$ mm pipes.
- Figured Ferris wheel handles are obtained by cutting HDPE (High Density Polyethylene) material in accordance with the desired concept on a CNC router machine.
- Handles are attached to these figures.
- The parts cut on router machines are milled and softened so as not to leave any burrs or sharp corners.
- In order not to touch the rotating floor and to increase the fun, 3 $\varnothing 38\text{mm}$ stuffed wheels and 3 $\varnothing 32$ mm pedal obtained from pipes were used.



Dimensions	Merry Go Round Length	262 cm
	Merry Go Height	85 cm
Features	Raw Material	LLDPE