

M.A.R.Y.

Mobility Artifact Repulsor Yaw

Imagine...

Walking down the street on a cloudy day reaching for school or work. You took your umbrella because the weather forecast said it would rain. After sometime walking, you think "How nice it would be to ride a bicycle right now, or a scooter. Something light and compact, that I do not need to be looking for parking."

This is the purpose of M.A.R.Y.

Introduction

M.A.R.Y. stands for Mobility Artifact Repulsor Yaw. It is a personal transportation system that works with an all-new clean type of energy with zero emission to the environment. The device takes the form of an umbrella, making it a dual functional instrument: for travel and protection from the rain.

Performance

¿How does it work?

The umbrella-looking transport delivers a subtle aspect to what common personal transport can be. With the aid of its compact power source and mechanical complexity, it allows the user to take it everywhere carrying it on the hand or with a strap on the back and forget about looking for a parking spot.

¿What is the power source?

The primary source of energy of the device comes from a container that holds a reaction between two different isotopes of a same element. This reaction generates an electric flux that delivers power to the thruster and the mechanical components.

Components

External

In the exterior, only three parts unfolds from the umbrella.

The foot holders unfolds from the umbrellas' handle, the thruster appears at the bottom of the handle, and the transports' handle deploys from the tip of the umbrella.



Foot Holders



Thruster

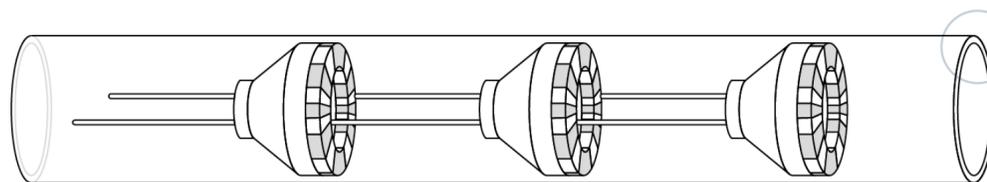


Handle

Internal

The energy cores are placed inside the axis of the umbrella. They are protected with a layer of lead, sorbothane, and duralumin, from the inside to the outside.

The mechanics are built using small pieces that retract and hide in a container. This allows parts like the foot holders to fold and fit into the handle.



Duralumin

Context

Storyboard of M.A.R.Y.



Leave the handle facing the floor



Step onto the platforms that unfolds from the handle



Balance and drive away