

CO2 Processing Machine

Montoya, Maria

Perez Palacio, Mariana

Vasco Rivera, Antonia

Businesses and vehicles act in the environment, producing great quantities of particles of CO₂ which is enemy number one of human health and to life on planet earth: starting from this statement we asked ourselves the question how to design a device that not only eliminates CO₂ but transforms it. Then work was done on a device called: The CO₂ transformer designed to eliminate the particles produced by the burning of fuelling elements, which are of excessive use today such as: gasoline, ACPM, coal, petroleum, oil known as 'crudo de castilla', wood, amongst others. It will be a big step further since it will be built with natural elements (H₂O) or basic substances, with new technologies, and besides it will transform a poisonous substance such as CO₂ in a substance that is productive in our actual industry. This device is initially made in stainless steel sheets, for a process of economic assembly, thanks to its long durability. In the future its fabrication will be more practical since there are elements which gather the physical and mechanical properties required by the precipitation and transformation processes. It is of an easy assembly with vehicles (in the mufflers) which are one of the main sources of pollution.