

Project Name

SALVA PEDONE – SAFETY CROSSING SYSTEM

Designer

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Description of innovation social values

- product category
- formal and functional features
- problems solved by innovation
 - user
 - field of application

SALVA PEDONE® – SAFETY CROSSING SYSTEM: is an innovative system for securing pedestrian and cycle crossing not regulated by traffic lights.

Technology for pedestrian security is now all on board of cars, but SALVA PEDONE® – SAFETY CROSSING SYSTEM represents the natural evolution from a passive road to an intelligence, active and secure one.

The system is entirely modular so it can be adapted to any type of road and need. Thanks to its innovative components, the system allows the pedestrian to cross the street activating light markers visible to the drivers up to 800 mt during daylight and 2 km at night, just for the necessary time for the crossing.

In its two version, with the Smart Street Stone® or with the Cross Bike, SALVA PEDONE® – SAFETY CROSSING SYSTEM can be used by all kind of pedestrians or cyclists, because doesn't requires any voluntary action from the user.

The innovative system patented by Smart Street Srl, find application not only on the municipal roads and cycle path, but even in companies that have promiscuity of heavy vehicles and workers and that have problems related to their safety (logistics centers, production halls, etc).

Description of technical features

- operation
- technology

SALVA PEDONE® – SAFETY CROSSING SYSTEM is composed by two base elements: Smart Street Stone® and Smart Street Eyes®. The Stone is a sensitive paver placed in the sidewalk in proximity of the crosswalk. It can released the presence of a pedestrian that want to cross. When this happens, the road markers, called Eyes, inserted in the road surface, start to blinking (amber LED lights) warning the drivers that someone is about to cross the street in that moment.

To cover a larger area, till 12 metres, the Stone can be replace by the Cross Bike bollards in stainless steel with LED lights on the sides to improve the visibility of the system.

SALVA PEDONE® – SAFETY CROSSING SYSTEM could be compelted with three different optional road sign: the Tower, a LED graphic panel with dynamic message; the 303DND a graphic full LED RGB display with dynamic message; the 303NP a reflector road sign panel of pedestrian crossing sign backlit with LED strips. All the vertical elements activate with the Eye of the system.

Dimensions

The dimensions of a full system depend on those of the pedestrian crossing and the road. Every single elements had specifics dimensions

Materials

Each element of the system is made of the highest quality materials, from concrete to LED Lights, from steel to electronic components.

Certification

The device is a "Signaling and Prevention" system: a "Reinforce of the Existing Signs", it doesn't need of "Ministerial Homologation" and it can't be installed in absence of pedestrian crossing. Reference to the Italian Articles 40, paragraph 7, 41 and 42 of the Traffic Laws, Implementing Regulations n°170 and n°156.

Benefits for environment

The aesthetic impact of the system respect the urban contest and the installation is not invasive.

Benefits for human being

SALVA PEDONE® – SAFETY CROSSING SYSTEM activate at the real crossing of pedestrian without any voluntary action and works just for the necessary time for the crossing. This increase the attention of the driver avoiding the addiction effect that the normal sign for the crossing security had (crossing sign with lights always on) and made safer our streets. Furthermore this is the only system with visibility during daylight. when the maior number of accidents occur. as weell as niight hours.

Acceptance of Terms

Compiling this form, I declare to agree and accept all the Terms and Conditions, Rules, Copyright and Privacy terms and Declarations specified in the Competition Brief.