

Rotomolding Market News - Europe

A French company launch a connected buoy to measure the impact of man on the coast

02/09/2021



Off the coast of Marseille, in France, an oceanographic measuring buoy measuring nearly 6 meters high was tested for a month to measure in real time physical, chemical and biological parameters allowing, among other things, to determine the impact of man on the coastline. Called DB 24 000 EOL, the buoy was created by the French company Mobilis, specialized in the design of navigation aid equipment, in partnership with the CNRS (National Center for Scientific Research) of Villefranche-sur-Mer. This XXL buoy of 24 m³ continuously measures water parameters in order to increase scientific knowledge on the subject and to be able, among other things, to determine the impact of man on the coastline. Ecological and economical, the solution has already won over customers in Norway and Ireland. This success can be explained by the technology used by the Mobilis company, developed with a research engineer from the Institut de la Mer de Villefranche (IMEV). Indeed, the oceanographic measuring buoy is equipped with solar panels, wind turbines and a fuel cell, making it energy self-sufficient. Thanks to an internal winch and sensors, it can measure physical, chemical and biological parameters up to 100 meters deep. The buoy carries out 6 measurements per day which are transmitted to land via a GSM data link. In order to "protect the fauna and flora of the seabed, such as Posidonia meadows", the buoy is also equipped with an ecological mooring system that prevents its chain from damaging the area in which it is moored. Entirely recyclable, the model is designed in Aix-en-Provence and manufactured in the Mobilis factory, located in the South West of France,

from aluminum and rotomolded polyethylene. (article in French)

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The New Fabbian Lamps on Show at Supersalone

25/08/2021



For Supersalone 2021, Fabbian presented ideas that shape light through continuous research into materials and technology: yes to glass, written into the DNA of the Veneto-based company, but also to alternative, innovative materials that make lighting an active part of furnishings, thanks to the creative vision of the selected designers. Young and more experienced, each with their own traits, they try their hand at one of the most complex tasks in design: creating good quality light through shapes. With the other products presented between 2020 and 2021, finally given a stage to express their versatility, the Supersalone has enabled the presentation of three new products. Among these three new products, the POLKA F60. Polka collection was inspired by some of the classic floor lights from the '60's and '70's, reinterpreted with a twist, breathing life into a new kind of outdoor lighting thanks to the use of new materials, finishes, and technology. Polka is made up of two elements: light and support, conceived in contrasting forms and meters seeking out dialogue and balance. The diffuser is composed of a rotationally moulded plastic disk, suitable for outdoor environments, whose circumference appears “flattened” creating an opening along the centre line allowing it to interact with the support. The support, as slim as a floor lamp, is a polished stainless steel tube which functions as a support for the light and also insulates the cables. The floor lamp is transformed into an actual platform upon which the diffuser is grafted. As such, the focus of the project is on the union of these two elements, hidden as if by magic by the diffusor shell. The light sources are high-efficiency LEDs and the power supply is integrated inside Polka.

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Rotomolding Market News - North America

A new revolutionary cooler

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Two young students from Quebec have just launched a revolutionary cooler, called Genie. This cooler is lighter, practical and waterproof, with modular compartments, integrated LED light, all-terrain wheels, and a carrying handle that can be transformed into a mini-counter. It could appear in specialty outdoor stores in 2022. Their company, Genie Outdoors (registered in French and English), is well advanced in the prototyping of this 65-litre container, and pre-sales are well underway thanks to a socio-financing campaign on the Quebec platform La Ruche. A market study

carried out with 250 camping enthusiasts has allowed us to bring up the problems and needs encountered by users, and to demonstrate that the project was viable and timely. One of the main innovations is the modular dividers to store and organize items. A dry space was also created under the lid to place dishes, keys, cell phone and other items, while the carrying handle was adapted so that it could be used as a counter. New technologies have reduced the weight while increasing the space, insulation and strength of the product. According to its creators, aerogel, the best existing insulation developed by NASA, was strategically placed in the lid, while rotational molding, used in its manufacture, makes it almost indestructible. The two creators will not stop there, and wish to tackle other outdoor equipment. (article in French)

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