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MiniMission drone lawnmower intelligent and eco-friendly

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The first range of the robot mower the most wide that you can find on the market, has won thousands of people who love both their garden and their free time. All models have in common the same capacity for a single common denominator: the result of an excellent turf.

Here are the features that distinguish the drone lawn mower: cutting frequent and randomized, reductions in water consumption, reduction of weed growth, the result impeccable aesthetic that you can get even with the best traditional cut, the maintenance of the desired height of the grass for the whole year, possibility to work both day and night depending on your needs, even with the rain, and handle obstacles. Durable thanks to high-performance for a cover in the shortest time possible and thanks to features such as a cutting blade is secure, the strength on the wheels and on the frame. The last born in the house Neumann, a German group that for more than 50 years experience in automation and industrial robotics, is designed for the most confined spaces, but for the same need for maintenance of the lawn. It's called the MiniMission and was developed by the German group to treat lawns up to 800 square feet. It's a drone from the garden, unique in its kind, quiet, reliable, and attentive to the environment. It is the only one able to take decisions in an autonomous, programmable on 7 days a week, automatically search the charging base. And' the only one, also in 3 other important characteristics: has the installation included in the price, is guaranteed for 5 years, is insured against theft.

"The cut grass is not collected but chop - says Massimiliano Pez, general manager of Neumann Italy, founded in 2012 - MiniMission works on a daily basis and, therefore, should not get together to cut large amounts of grass but simply "retouch" the growth of the last 24 hours. Returns to the lawn, an invisible layer of natural fertilizer and retains water in the soil for the good state of health of the lawn". The benefits are not only aesthetic but also, and especially environmental and economic.

The technology of the older brother's Mission has evolved into a robot with small dimensions while maintaining the same reliability and the same principles that are typical of garden tools signed Neumann.

"Market needs have changed and it was, therefore, improved the technology by designing a drone from the garden, MiniMission in fact, even for those who have smaller spaces with a smaller surface area to one thousand meters" stresses Pez. Features doc: zero emissions since it is powered by an electric motor, very low acoustic impact, rain sensor, lithium battery, high-efficiency and intelligent navigation. Result: on the one hand, the impeccable treatment of the garden, on the other, a considerable saving on the water bill and maintenance of the machinery. Last but not least, the care of the turf.

"The environment is the first recipient of this drone is," explains the general manager of Neumann Italy - And' fundamental to the respect of the environment, reduce energy consumption, water waste, fertiliser use and harmful emissions". Since 2005 the German group Neumann focuses on the development of innovative solutions focusing on the application of electronics and lithium-ion batteries with high energy efficiency. Its brand Mission for the maintenance of the garden responds to three basic principles: improving the quality of life, respect for the environment and reduction of harmful emissions.

MiniMission: Technical Specifications

Shaving system, fully automatic, programmable up to 4 work areas, and automatic return to the charging station. Equipped with rain sensor and with a low noise level (63 dBA), is powered by two engines lamabrushless and is able of overcome slopes up to 20 degrees (35%), ensuring a height of cut from 20 to 60 mm. The battery pack is 28V Li-ion battery, no maintenance and no memory effect. The dimensions are 54x38x25 cm (Wxdxh) and weighs 8.4 kg.

The sale of the drones lawn mower is in constant growth last year, the european market has registered an increase of 23 %, thus confirming the initial trend from 2007 onwards. In just four years, from 2010 to 2013, the units sold have doubled. According to an american study of the sector up to date to 2013, have been sold in about 130 thousand drones in Europe against the 105 thousand in 2012 and is expected a further growth of 30 %. Italy is one of the Countries that record an increasing attention towards this kind of innovative products in the context of a market that represents slightly less than 10 % of the sector. The market of drones that the garden has existed for over 15 years, and it is thriving in Switzerland and Austria: represents, respectively, 17% and 20% of the internal market.

"In Italy, still remains a certain mistrust of this kind of products, on their functioning and on the possibilities you can use them for the maintenance of the garden of the house. But they are objections to which technology has been able to respond with reliable machines, easy to install and operation, but also introduces solutions against possible theft," says Pez, just do a quick comparison to better explain the convenience of the MiniMission. "If we compare the action of MiniMission, the robot Neumann, with that of an ordinary lawnmower with combustion engine on a lawn of about 700 square metres, the economic