

Arborea presents its *Aracnocóptero* as the most versatile multirotor on the market



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The company [Arborea Intellbird](#), manufacturer and operator of RPAS, has presented its *Aracnocóptero* as the most versatile multirotor for being able to adapt its propellers to each circumstance. The company once again participated this year in [Civildron](#), the congress of remotely manned air systems (RPAS) for civil use, which held its fourth edition this week in Madrid.

The head of operations of Arborea Intellbird, **Luis Llorente**, spoke with Infodron.es about the particularities of this six-armed system. "What we are showing here is that it is a very versatile system because the arms can be exchanged, they can be disassembled and, depending on the circumstances of the wind or the conditions we have, a type of propeller could be assembled, one motorization or another", said Llorente.

Carbon fiber manufacturing

Integrated in the **Science Park of the University of Salamanca**, Arborea designs and manufactures this RPAS with carbon fibre, with special polymers. Its design is focused on industrial inspection and the company uses it above all in the inspection of power lines and wind farms, checking the blades of wind turbines. Llorente pointed out that they carry out the design and manufacturing phases as well as field inspection and data processing.

The *Aracnocóptero* reaches 35 minutes of flight autonomy with a Lipo battery (lithium and polymer). It is equipped with a removable protector to avoid impacts on the propellers. "As we advance and have new ideas, the system is improved, and when a need arises a new technology is implemented or new parts are manufactured. This is an advantage, as it is our own system we can modify it as it suits us", said Llorente.

Photo: Arborea Intellbird's head of operations, Luis Llorente, at Civildron 2018.

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