

## THE ECO TRACTOR DESIGNED IN SPAIN FUELED BY RENEWABLE ENERGIES

Designed by the [Eco Motor Electric Ltd.](#), a Spanish innovative enterprise, the *Eco-Cultor* is an agriculture machine working on 100 % renewable energy sources such as wind and sun.

The prototype of this futuristic *green tractor* is an agricultural machine comprising of a tractor which can exchange different tools on its axis to best adapt itself to a variety of different uses in the field: it has wheels for better transport, it features tools for land oxygenation and plowing and tools for crop extraction. In addition, it has a towing trailer to transport harvested goods.

Under its *Eco-Cultor* trade name, the prototype is designed for agricultural work (plowing, harvesting and transport) in small farms in disadvantaged areas with little or no mechanization and with low or no access to conventional energy sources. In addition, the use of clean energies makes of Eco-Cultor an ideal technology also in the greenhouses as it emits no exhaust smokes from its engine.

The system is complemented with a solar or wind energy element converter to electrical energy and an intelligent battery charger that optimizes the load depending from the available renewable energy at all times. The prototype is equipped with an initial capacity of 5 HP, but the engine can be manufactured according to customer needs up and above 200 HP.

The Eco Motor Electric is a company that specializes in the design and development of vehicles and mechanical - electronic equipment based on electric high-performance engines working on photovoltaic solar panels, wind turbines and conventional energy grid. The company therefore produces sustainable vehicles aimed at satisfying the needs of mobility and agricultural work, transport of people and goods with the respect of the environment, with the keen eye to contribute to the reduction of greenhouse gases.

The company has produced several prototypes and is currently working on the prospect of a large-scale production of this green tractor, which represents a formidable instrument for an increased sustainable agriculture.



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[Eco Motor Electri website](#)

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