

Hyperbike Technical Features

Arlix's Hyperbikes are exclusive vehicles with a timeless, refined, and elegant design-built by hand in limited numbers. These vehicles are built around a carbon fibre-framed monocoque - characterized by high resistance and lightness and equipped with double suspension. At the front, there is a parallelogram kinematics fork milled from a proprietary design, while at the rear, the carriage is made of ergal with 50mm joint bushings and carries two oil-dynamic shock absorbers that are repositioned under the body.

The vehicles feature a servo-assisted saddle adjustment system. The saddle, which can be upholstered with fabric or leather, consists of ergonomically-designed padding with differing densities for maximum comfort. The adaptive automatic gearshift has a gear ratio range of 380%. The passive and active safety equipment is homologated for motorcycles, and the vehicle is equipped with an ignition and lock system with a key integrated into the frame. The Li-ion 48v 52° battery provided is the most powerful in its category, with a power output of 2,500W, allowing for journeys of over 200km. The on-board charger allows for recharging, even during multi-day journeys.

The artisanal production of these vehicles offers the possibility to create customizations that will make them even more exclusive and valuable. It is possible to select the frame color from semi-transparent paints that reveal the carbon fibre-providing chromatic depth-or to use the colours of car manufacturers, to create a matching livery. Graphics or logos can also be customized freely.

The wheel color can be personalized to match an all-black or two-tone tyre, and the saddle can be made of natural or synthetic leather in the desired colours. A small retractable front can be mounted, or a solid silver key can be provided.

Depending on the model and the regulations of the country where the vehicle will be used, the motorization of the Hyperbike can be customized. Available powers are 250W, 350W, 500W, and 1000W. In the case of an order with a motor different from the standard 250W, the user is advised to check their country's traffic code regarding pedelec traffic regulations.

Creating a customized hyperbike may take 9 to 12 months to complete. Before delivery, hyperbikes are road-tested for functionality, so they may show slight signs of wear.

