

Titolo: AROL beside Polytechnic of Turin team

Speed and passion for mechanics: in September Arol Group will be at the side of Andrea Gallo at the WHAPSC - World Human Powered Speed Challenge at Battle Mountain in Nevada (USA). The athlete, who works as a mechanical designer in Arol Canelli, will be engaged in this two-wheel speed race in the American desert, riding his "Taurus" with the aim of breaking the world record. This prototype recumbent bicycle with hull is made of carbon fiber with aluminum components, some of which are supplied by our company that believed in the project. «It is essential to have obtained the support of Arol for the realization of the components, which in this way are tailor-made and suitable to reduce the friction of the vehicle with the air so as to obtain the best possible performance - Andrea commented - Furthermore, the experience in the technical office made me grow as a designer and allowed me to offer my contribution to the design team».

Andrea Gallo is part of the Policumbent Team composed of 40 students and engineers of the Turin Polytechnic and for the fourth year in a row he will participate in the international competition dedicated to human-powered vehicles. Before "Taurus", the "Pulsar" prototype was developed, with which the team obtained the best Italian time in 2016 (126.9 km / h).

In the Arol workshops, 35 different aluminum components were prepared, which fit inside a carbon fiber frame. In this way the molds for the wheels, the head and the fork body, the drive shaft, the cranks and the steering plates were supplied. «We think we have made a good model, the track tests are giving excellent feedback» concludes Andrea, who trains with his reclining bike along the streets of Canelli and surroundings after turning off the computer and getting out of work.

But soon the flight to Nevada. Here between 10 and 15 September the competition will be held with teams from all over the world with which the Italian team will not be afraid of competing given the potential of the new prototype, lighter, more aerodynamic and more suitable to attack the geoclimatic conditions of the desert American. An event that combines passion for engineering and mechanics with that for sport and where we will try to overcome new limits thanks to the ingenuity and quality of "made in Italy" products.