

HULC, the military exoskeleton.

We never get enough when we're talking about the national army strength. Or that is what the American army showed us. They haven't enough with human soldiers, so they had to introduce exoskeletons into military world.

The example is the HULC, the Universe Load Carrier. The idea was by Lockheed Martin, a multinational in aerospace industry, in Florida in was not until July of 2010 when the signed a contract with the US Army Soldier, a part of the US army where develop and test new material for the



Human unveiled specialized 2009. It company Natick they army.

Under the contract, the was supposed to test the HULC in so aspects. Aspects as the energy the soldiers who's wearing it is going to spend while using it, the adaptability of the system to carry different loads and the ability of moving at various speeds. Also, they had to test the endurance of HULC in diverse environmental conditions, as could be wind, rain, higher -or lower- temperature and humidity.

company many

The system has Li-on batteries, which can be able to move his legs of hydraulic driving at a speed of 4 kilometers per hour. HULC also has an autonomy of 5 hours. The body of this anthropomorphic structure is made of titanium, and the bottom of the structure can hold until 90.7kg through 20km. The HULC weighs 24kg without his batteries. One more ease is that you can remove and packed-up it in 30 seconds.

The main uses of HULC were making easier transporting heavy weapons, making soldiers get less tired, and then they can work better; reducing the time they waste deploying mortars, and the most important one, protecting soldiers from musculoskeletal injuries.

Even if the endurance the HULC actually has is higher enough, they may improve it, just as the weight it holds. In the future, the exoskeletons will help the soldiers to climb mountains more quickly, jump higher and run faster, it just depends of the uses that they'll want it for. But before that, they should create batteries and storage systems of high intensity.

They might say that it was necessary to create a robot inside army world for helping soldiers to get less tired, but the army isn't necessary at all. Fighting and wars have been something so natural in our history. But being natural does not mean that something is "good" for us, it really isn't. Developing this kind of robots is just a way of wasting money and feeding the idea that we need to fight in a war each a certain time. We aren't made to kill ours peers by wars and fighting, and we all must agree on that. It's true that there is people who actually like wars and fighting. But... should entire countries fight in big wars because just a few want to?