

China is Close To Owning Sci-Fi Like Powered Exoskeletons

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Powered exoskeletons are, according to Wikipedia, wearable machines that are mobile and powered using a system of hydraulics, electric motors, pneumatics, levers or a combination of technologies that enable movement of limbs with added endurance and strength.

Recently, an article described such a suit, with China now working on a new generation of military exoskeletons. Reportedly, they are moving closer to having Iron Man-like capabilities.

According to sanvada.com, China is now working on advancing their technology when it comes to military exoskeletons. The latest Chinese powered exoskeleton is able to transport roughly one-hundred pounds of supplies, gear and ammunition. This would increase the self-sufficiency and combat capability of the infantry for the Chinese. Obviously, this would also allow a soldier to perform important tasks on a mission that would not have been accomplished without using one.

Norinco is a manufacturer that is owned by China that produces heavy ground munitions and armored vehicles. They also have created its second-generation military exoskeleton. The debut of this new exoskeleton boasts a designed body brace that will assist members of the infantry to carry roughly one-hundred pounds of ammunition, weapons and supplies.

Norinco had previously debuted its first-generation exoskeleton back in 2015 and comparing it to their new one, it has a streamlined harness, the battery is considered better, and a more robust pneumatic and hydraulic actuator. This new generation is said to be lighter and most likely will lower the strain felt by the wearer of the exoskeleton; this would be more beneficial for soldiers finding themselves in a mountainous terrain.

The push by China to develop powerful exoskeletons will impact almost every area involving combat operations. Their special operators and infantry would be able to transport heavy equipment over long distances as well as individuals being able to utilize body armor. That is, if their plans become successful. Also, the exoskeletons would look like the Americans concepts that include the Tactical Assault Light Operator Suit.

Exoskeletons' more practical uses for soldiers would be to help completing many support tasks, which include repairing ships, loading supplies and getting missiles onto airplanes. Meanwhile, China's next generation of military Exoskeletons are one step closer to executing feats that were once considered to be science fiction.