

# Paralysis of both legs still breaks the world marathon record with the help of a robot skeleton

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Not to mention rankings, completing a marathon is an achievement that not everyone can do, which seems impossible for people with physical disabilities. However, a man with both legs paralysis from the United States recently has made the whole world admired when not only completed but also broke the marathon racing record.

That extraordinary man was Adam Gornitsky, 33, who was completely paralyzed from the waist down after a serious spine injury stemming from a car accident 14 years ago. He successfully completed the Charleston Marathon 2020 over the weekend with the help of a specially made robot skeleton.



The device that helps Adam Gornitsky walk normally is called ReWalk Robotic Exoskeleton - a robot frame specially designed to help spinal cord injured patients move and act in the most natural and comfortable way. . 'I have participated in numerous high-school running competitions, I think I can easily get acquainted with ReWalk Robotic Exoskeleton and walk like a normal person,' Gornitsky said.

Indeed, Adam Gornitsky did not spend much time mastering this \$ 100,000 smart skeleton, and his latest achievement is completing the Charleston Marathon 2020 with extremely impressive results: 33 hours. , 16 minutes and 28 seconds, broke the Guinness record for walking marathons with exoskeleton. The previous record belonged to a man from England, Simon Kindleysides, who completed the London Marathon 2018 in 36 hours 46 minutes.

The ReWalk Robotic Exoskeleton is designed with a complex hydraulic valve system, enabling ordinary people to be able to move large objects (about 80-100kg or more), and people with disabilities and paralysis can walk. , easier operation.

Exoskeleton is currently being promoted in medical applications, especially with the rehabilitation process for patients with stroke, polio, multiple sclerosis and Parkinson's .

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