

# REWALK EXOSKELETON PUTS DISABLED BACK ON THEIR FEET

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**DEREK HERRERA WAS LEFT UNABLE TO  
USE HIS LEGS**





**ReWalk** is an exoskeleton — a set of electrically powered braces (подтяжки) that strap to the user's legs and use computers and motion sensors to control his movements

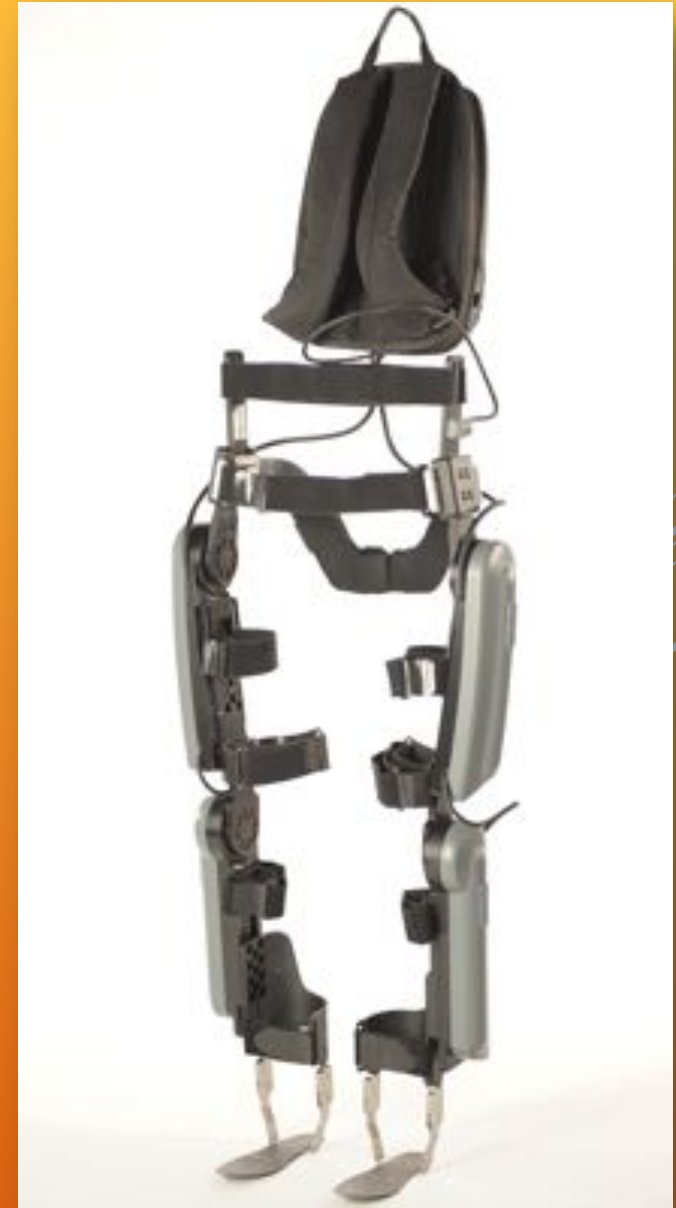


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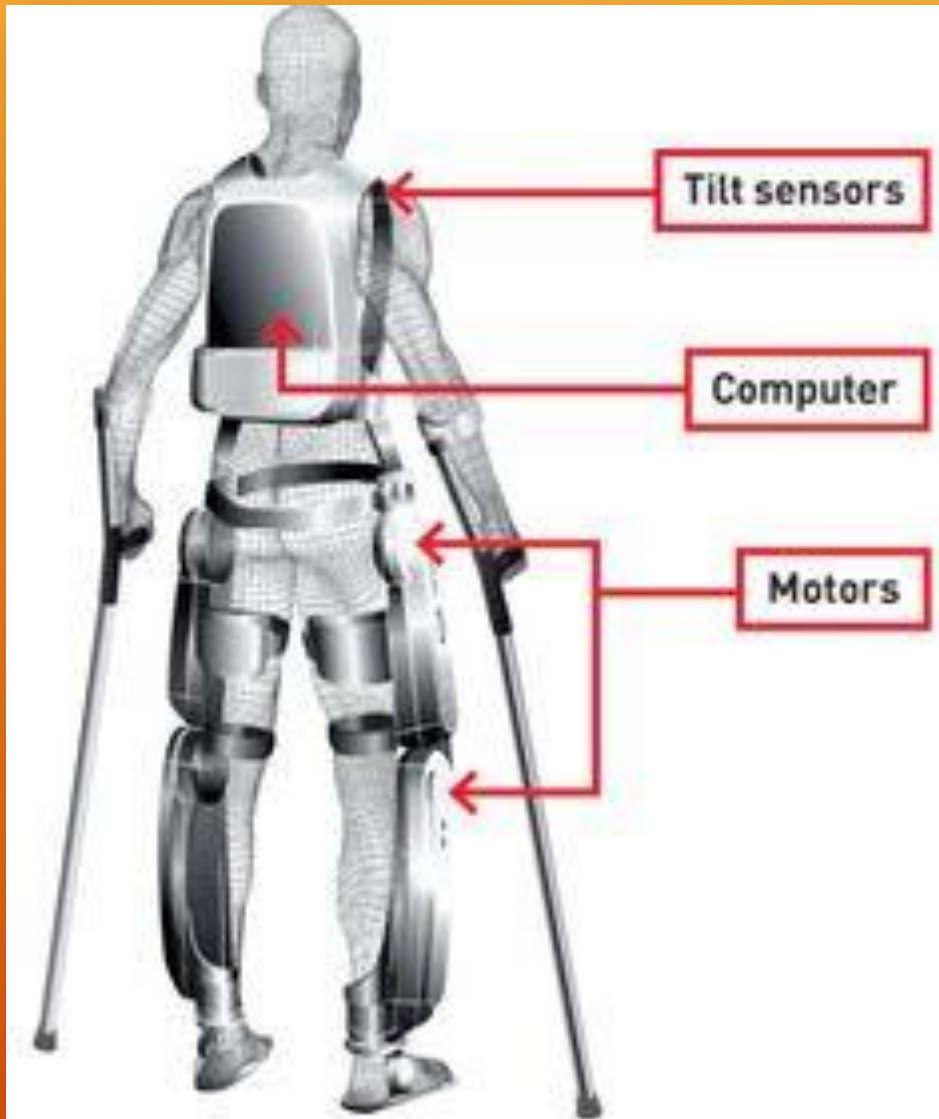
- Israel
  - The United States
  - The United Kingdom
- + several other European countries

## The ReWalk rig (снаряжение)

- the motorized leg **braces**,
- a **backpack** with a control computer and lithium-ion batteries
- wrist-mounted (установленный на запястье) **wireless controller**
- a pair of **canes** (трости)







## The ReWalk rig:

- a **motion sensor** strapped to the side of the chest
- the **electric motors** at the hip and knee joints lift and lower his legs, their movements controlled by the backpack computer, which is programmed to simulate the **human gait** (походку)

**ReWalk** is designed for a top speed of about **1.3 miles per hour**, fast enough to make it safely across an intersection (перекрёсток) before the light changes







“I see hope  
for the future.  
Mentally and  
emotionally  
it’s been  
inspiring and  
incredible”

**Captain  
Derek Herrera**



THANK YOU FOR  
ATTENTION!

