



The robots are basically large robotic arms | Photo source Berkshire Grey

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## STARTUP CREATES ROBOTS TO FULLY AUTOMATE WAREHOUSE AND DISTRIBUTION TASKS

 MANUFACTURING

### Berkshire Grey's robots pick, pack, and sort for omni-channel fulfilment, and can react to changing situations in real-time

**Spotted:** US-based startup, Berkshire Grey, uses machine learning and AI technology to create industrial robots. The robots can automate tasks that have never yet been achieved by a machine, the company says.

Berkshire Grey has created patented software for its robots that allows them to react to changing situations in real-time. The company says its robots have a **novel grip**, enabling them to pick and pack products better than existing models. The startup's **cloud-based software** means that the robot is continuously learning, improving its perception, planning, sensing and grasping of operational workflows.

The robots are **basically large robotic arms** with suction-cup "hands", which are specially designed to be able to grip on **bagged and un-bagged products**, and are fitted with sensors that send signals to the AI-driven software. The technology immediately senses if a bin is empty or if goods have shifted, and receives videos of the situation, allowing it to respond quickly and learn.

The startup recently **raised €238 million** from investors that include **Softbank**. Berkshire Grey plans to use the funding to expand its operations.

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Email: <https://twitter.com/BerkshireGrey>

Website: [berkshiregrey.com](http://berkshiregrey.com)

Contact: [berkshiregrey.com/contact](http://berkshiregrey.com/contact)

## Takeaway:

Industry analysts believe that many logistics' operations could be completely automated by 2030. The sector has already seen major breakthroughs in the race to fully automated warehouses, but the process has been hindered by robots' inability to pick products from a bin without damaging them. Berkshire Grey's technology could provide a way to overcome that challenge.