

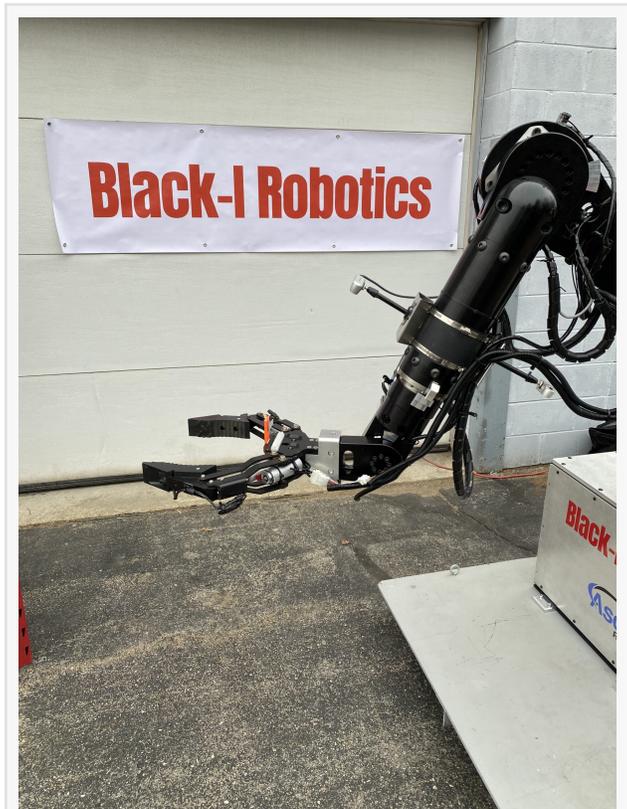
# BLACK-I ROBOTICS TO DISPLAY BREAKTHROUGH AI-BASED ROBOT AT THE MODEX LOGISTICS TRADE SHOW MARCH 11-14

*Black-I Robotics' AI-based revolutionary Fullscope mobile heavy lift robot offsets up to five workers per 24-hour shift*

TYNGSBOROUGH, MASSACHUSETTS, USA, February 22, 2024 /EINPresswire.com/ -- Black-I Robotics will be participating in the premier materials handling industrial trade show, MODEX, March 11-14, in Atlanta, CEO Brian Hart. has announced. Some 45,000 supply chain executives and staff attend the show, which features more than a thousand exhibitors showcasing their products for the logistics and manufacturing industries.

Black-I will be demonstrating its revolutionary AI-based Fullscope mobile heavy lift robot in the ORBIS Corporation booth at the center of the show -- B2809 -- according to Hart. "MODEX is the biggest supply chain and manufacturing event of 2024," Hart says. "We're delighted to partner with ORBIS, an international leader in reusable packaging, as we both work to create a more economical and sustainable supply chain."

Black-I Robotics introduced the first version of its Fullscope robot at MODEX in 2022. It was a hit, especially with companies plagued by worker scarcity, injuries and sky high error rates. The Fullscope robot offsets up to five workers per 24-hour shift and dramatically reduces human pick error rates, enhancing productivity and time to market while driving down costs. [Its patented battery technology enables the robot to run 24x7](#), while its innovative vision system establishes a safety perimeter that protects workers as well as other objects within the workplace, without cages and other clumsy security systems.



The powerful robotic arm relieves workers of repetitive, literally back-breaking work.

The increasingly heavy use of robots and other automated devices within warehouses and manufacturing plants is driving the need for standardization, according to Hart. “Our robotic arm, riding on an Autonomous Mobile Robot (AMR), features multiple 2D and 3D cameras that [live stream an optimum path to storage spaces](#), [‘seeing’ totes and bins](#) to pick and place payloads of different shapes and sizes up to 100 pounds. While the Fullscope robot arm can visualize virtually all totes and bins, the consistency of targets is optimum, as AI vision requires pre-training to a specific object. The uniformity of ORBIS’ reusable containers makes the process faster and more accurate.

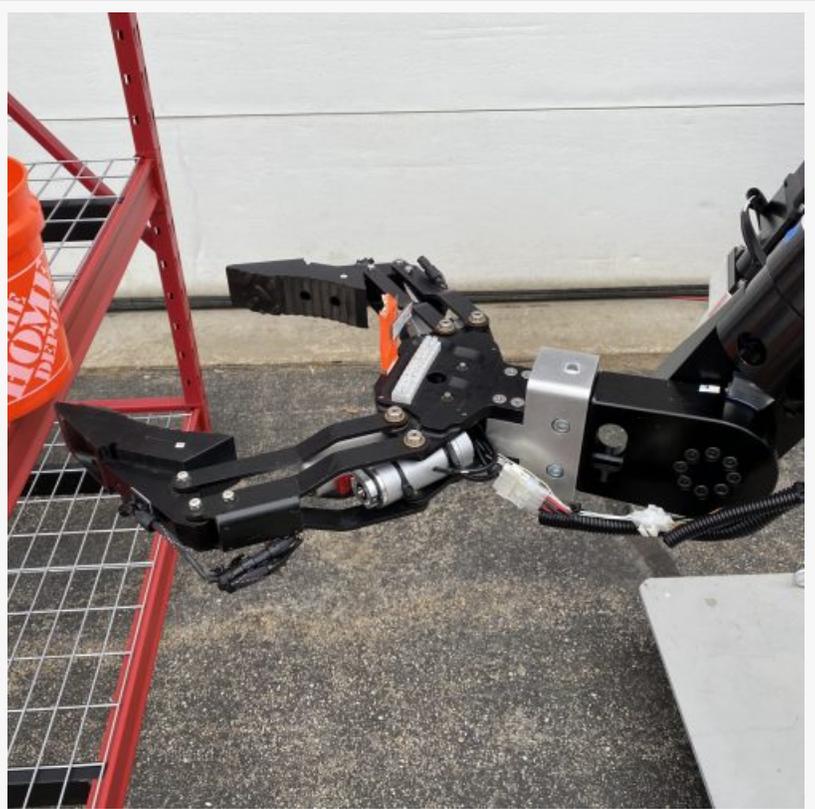
“A number of Fortune 50-level e-commerce, consumer products, manufacturing and transportation companies partnered with us after the 2022 show,” Hart says. “We’ve spent the last two years significantly improving the vision, safety, battery life and other aspects of our robot. We’re now on Version 9 and Version 10 of the system. The guts of each version are the same, but we’ve customized certain elements -- for example, the grippers -- to

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*Brian Hart, CEO*

Brian Hart  
Black-i Robotics



Versions 9 and 10 of our heavy lift arm have customized grippers based on the needs of our transportation and consumer products clients.

suit specific customer needs. We have a contract for Version 10 with one of the world’s largest transportation companies, and at the end of MODEX we’ll be shipping the show’s Version 9 robot to one of the world’s largest consumer products companies. We’re also working with companies in other industries, including manufacturing.”

Experts from ORBIS and Black-I Robotics will be available at the ORBIS booth, B2809.

For further information about Black-I Robotics, visit the company's website at [www.blackirobotics.com](http://www.blackirobotics.com)

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