Press Release
CES 2026, Las Vegas. January 2026

SUITX by Ottobock Launches IX BACK VOLTON at CES 2026

The World's Lightest Battery-Powered Back Exoskeleton Redefines Industrial Ergonomics

SUITX by Ottobock is bringing next-generation wearable robotics to CES 2026 with the U.S. launch of IX BACK VOLTON, the world's lightest battery-powered back exoskeleton. Designed for the physical reality of modern logistics and manufacturing, IX BACK VOLTON combines advanced robotics, intelligent software, and industrial-grade battery technology to reduce strain, support workers, and redefine how technology integrates into everyday work.

Built for high-frequency tasks such as lifting, bending, pick-and-pack operations, loading and unloading, and sustained forward-leaning work, IX BACK VOLTON delivers up to 37 lbs of powered back support (17 kg) in a slim, ergonomically balanced design. With a total system weight of just 12.5 lbs (5.7 kg) including battery, it sets a new benchmark for comfort, wearability, and performance over long shifts.

At the core of IX BACK VOLTON is Adaptive Intelligence, a proprietary motion technology that reads body movement up to 1,000 times per second and dynamically adjusts assistance in real time. Support activates exactly when needed and eases off when it is

not, helping reduce fatigue while preserving natural movement and muscle engagement. A patented single-motor architecture keeps mass and bulk to a minimum while delivering reliable, consistent support throughout the workday.

Powering the system is the Bosch AMPShare 18V battery platform, providing up to 10 hours of runtime with fast charging and quick-swap capability to minimize downtime. Integrated sensors and the VOLTON XP companion app add a digital layer, delivering ergonomic insights, activity tracking, and usage trends that help organizations support adoption, optimize workflows, and continuously improve workplace ergonomics.

With the U.S. debut of IX BACK VOLTON at CES 2026, SUITX by Ottobock showcases how intelligent wearable robotics can move beyond prototypes and pilots into scalable, real-world solutions. The result is a smarter, more sustainable approach to workforce health, productivity, and longevity in an industry facing rising physical demands and labor challenges.

For more information, visit www.suitx.com.

--

Product Page
https://www.suitx.com/en/products/ix-back-volton-exoskeleton

Media Kit
https://drive.google.com/drive/folders/1vBX6PeueX1iHJh4V-cHECEFHzfpKJYI0?usp=sharing

Press Contact:
Claudia Willert
Head of Marketing
claudia.willert@ottobock.de

Photo and video overview:

All images: © SUITX by Ottobock