

IX BACK VOLTON

Adaptive Intelligence. Lightweight by design. Built for dynamic workplaces.

power on



SUITX
by ottobock.

SUITX
by ottobock.

Key Features



Adaptive Intelligence

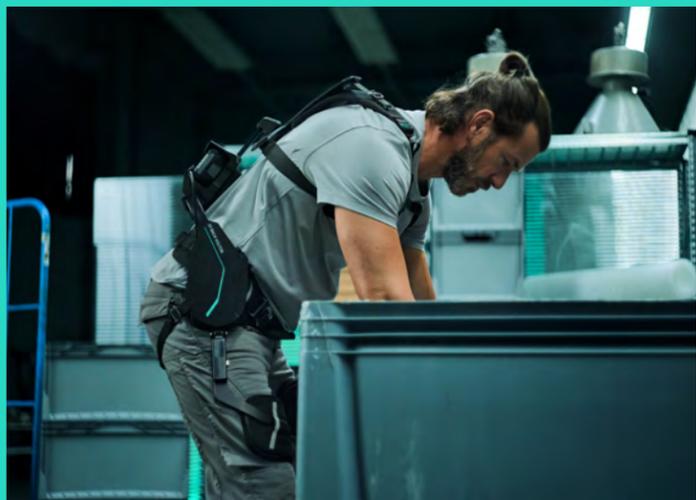
Advanced motion technology reads movement 1,000 times per second and adapts assistance to each task. IX BACK VOLTON provides support when needed without over-assisting, helping maintain muscle engagement over time.

Slim side profile

Engineered to minimize side bulk at the hips. Less width where it matters, so you move freely in tight aisles and around equipment.

Sensors & Analytics

Integrated sensors capture movement and workload to generate ergonomic insights. Smart Analytics acts as a digital ergonomics coach on shift. Always available to track activity patterns and help teams improve day to day.



5.7 kg

including batteries.
The lightest powered exoskeleton on the market, ergonomically balanced for long shifts.

IX BACK VOLTON is the most advanced lightweight, battery-powered back exoskeleton, specifically designed for repetitive and flexible work. Ideal for lifting, bending, and pick-and-pack tasks in logistics and manufacturing.



Everyday power

Our innovative and patented single-motor design delivers up to 17 kg of reliable support, while keeping mass and bulk to a minimum.



Bosch AMPShare Battery System

Up to 10 hours of runtime with fast-charging and quick-swap for minimal downtime. IX BACK VOLTON is the world's only exoskeleton powered by the trusted Bosch AMPShare 18V battery platform, built for demanding worksite conditions.

Product Specs

Chest adjustment straps
Adjustable straps for a secure fit

Detachable, washable pads
(vest, hip and thighs)
Easy to remove, easy to clean. Built for everyday, hygienic use.

Ergonomic backplate
Shaped for a comfortable, secure fit across a wide range of body types.

Breathable cutout design
Ventilation openings promote airflow to help keep users cooler and improve moisture control.

Precision motor with Adaptive Intelligence
Delivers assistance exactly when it's needed, dynamically matching each worker's movement in real time.

Status LED

On/off switch

Balanced weight distribution
For a comfortable feel during long shifts

Experience enhanced fatigue reduction and support during lifting tasks, powered by intelligent assistance that activates only when needed, without restricting movement when it's not.

Hang loop for quick storage and transport

Integrated reflective striping for safer operations.

Easy, tool-free size adjustments
Designed to fit a wide range of body types. From the 5th to the 95th percentile.

Torso height adjustment button

Bosch AMPShare Battery
All-day power, fast-charging ready with quick-swap capability to minimize downtime.

Support adjustment dial

Rugged construction build for daily use in logistics and manufacturing.



Always on digital ergonomics coach

Reduce risks
Compare risky bends with and without the IX BACK VOLTON.
Shows real-time reduction of risky bends.



Real-time data
Our algorithm estimates the spine damage reduction on the move.



03:41

SUITX by ottobock

Hello Wayne

Your IX BACK VOLTON is ready to go.
Have a great day!

78%

Weight reduced by Exo ^{LB}

1.879

Bends: 774

Steps: 20.387

Activity



At a glance

5.7 kg

Total weight including battery



Sensors and Analytics for ergonomic insights

17 kg

Dynamic assistive support

< 20^s

Lightning-fast donning and doffing



Ultra-lightweight design, engineered to feel nearly weightless



Designed for dynamic multi-tasking



Up to 10h Battery Life
Reliable power for the full shift



Ergonomic design



Adaptive Intelligence Motion Technology



Innovative spine frame provides flexibility for bending



Thinnest powered exo on the market



Smart Charging
Compatible with BOSCH fast chargers



Global Quality
18V BOSCH AMPShare alliance batteries

