

VERVE  
MOTION

Powering the Human Workplace

# Introducing SafeLift

A wearable robotic exosuit for  
hard working humans

40% of strain  
offloaded from the  
lower back

2-8% increase in  
facility productivity

Up to 85%  
decrease in lower  
back injury rate





# Verve Motion's SafeLift Exosuit

The SafeLift™ exosuit from Verve Motion is a soft and light exosuit that wears like a backpack but takes up to **40% of the strain off a worker with every lift or lowering operation**. It provides assistance in parallel with underlying musculature to reduce work done by a user's biological muscles and is the first and only powered exosuit that can be deployed at scale, at speed, across a diverse workforce.

In addition to the powered exosuit itself, the complete system includes **storage lockers, a support terminal, charging stations, and an independent cloud gateway** that transmits the lift metrics and safety data to **Verve Logic**, our online platform which offers deep insight into team safety and productivity.

## Features + Benefits



### 30 seconds to put on; One size fits most

8 points of adjustment to fit operators from 5'0" to 6'6", sizes XS to XXL



### Offloads 40% of the weight

Provides up to 240N of assistance force when lifting or lowering



### Does not interfere with your movement

Weighs less than 7.5 lbs. Flexible, breathable fabric construction that moves with user



### Battery life for full shift + overtime

88 Wh of battery capacity for up to 3,000 lifts (10-12 hours of work in typical conditions)



### Knows when you need assistance

Inertial measurement units identify movement, providing support while lifting, while remaining unobtrusive during other activities (such as walking or driving a forklift)



### Optimized for each worker & task

Multiple assistant profiles allow for customization for different users or work activities, ensuring the right support for the right time



### Verve Cloud w/IoT

A network-agnostic cellular backhaul independent from the facility network securely transmits detailed user lift data to the cloud for further analysis.



### Lift Analytics

Advanced analytics identify risky or unsafe movements and provide clear, actionable reports to individual worker and supervisors.

## Product & System Details:

### SafeLift Exosuits

Whether a few exosuits at one facility or enough for your entire workforce across multiple locations, we can scale to meet your needs with a dedicated exosuit for every worker.

### Dedicated Locker Storage

A place for everything and everything in its place means never having to guess which suit is yours and never having to resize it.

### Onsite and Virtual Support

Having issues? Our dedicated Customer Success team is on standby to address any issue you might have.

### Charge Stations & Cloud Gateway

Ensure your team always has the latest updates and their suits are fully charged and ready to go.

### Verve Logic Safety Analytics Portal

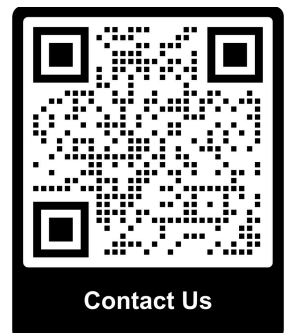
Access actionable and critical safety data for the individual worker, at the team level, and across your company, to make sure your workers are safe while improving productivity via the Verve Logic portal.

### Subscription and Servicing

We've designed our solution around a subscription model that supports your business needs while keeping your workers safe and healthy. If you would like a quote please contact us.

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CONTACT US:



Contact Us