



AUXIVO

WEARABLE SUPPORT SYSTEMS

Spinoff **ETH zürich**

Auxivo AG
www.auxivo.com
info@auxivo.com

Auxivo OmniSuit®
Versatile Multitask Performance

Name, Function

OmniSuit - Product Overview

Lightweight multitask exoskeleton for versatile support during overhead, lifting and forward-leaning work

Relieves arms, shoulders, neck, back and hip

Dynamic, adjustable support-level for working with/without additional load

Designed to **reduce workload, muscle fatigue and exhaustion**



Maximum freedom of movement



Lightweight Construction & Materials



Adjustable Dynamic Support



OmniSuit - Product Overview

Adjustable Shoulder Support

2 Adjustable Support Levels

Elastic Energy Storage (EES)

Energy Recuperation

No Rigid Back Structure To Hip

Unconstrained Movements when Bending/Lifting

No Hip Belt

Easy to Use



Shoulder Module

Integrated Lift Support Activation

Telescopic Mechanism

Free Movements

Lightweight Material

Aerospace Lightweight Aluminium

2.7 kg S/M

3.0 kg L/XL

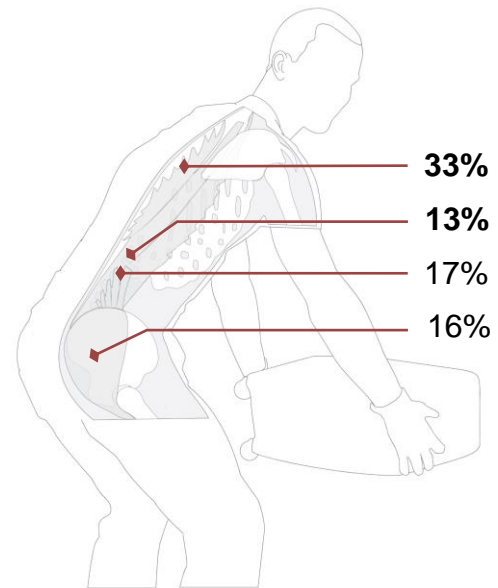
Main Applications: Logistics, Construction & Manufacturing

Supports full vertical range of motion & forward leaning - from floor level to the highest shelf

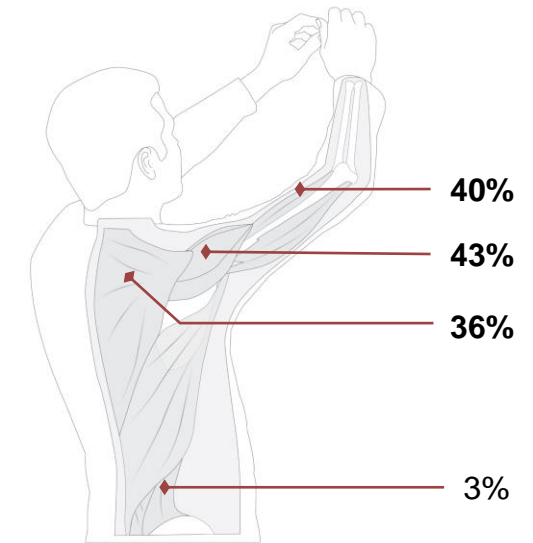


Shoulder & Back Support During Lifting & Overhead Activities

Lifting Activities



Overhead Activities



OmniSuit - Performance



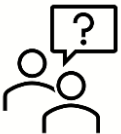
Up to 43% muscle activity reduction in arm, shoulder and back



Up to 75% less fatigue



Up to 15% reduction in working heart rate



Less task-related discomfort

Time for Practice!

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    @auxivo

