

The Skelex Product Range

Get stronger
Work lighter
Last longer



Our complete range

Skelex **360**

for overhead work



Skelex **Edge**

for back support



Skelex 360 is a lightweight and compact arm support system that effectively supports your arms during heavy and/or prolonged overhead work. It helps increase productivity and reduces shoulder strain and fatigue.

Skelex Edge is a lightweight, passive exoskeleton designed to support lifting tasks. The harness targets essential muscle groups in the legs and back, promoting proper posture and lifting techniques, ultimately improving the lifting experience and reducing back injuries.

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Skelex **Neck**

for neck support



Skelex Neck Support helps users reduce the fatigue on the neck and shoulder muscles and prevents the neck from injury due to overextension, especially for users who are working overhead frequently over extended periods of time.

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Skelex **Iron Hand**

for grip strength



Skelex Iron hand is a lightweight, active exoskeleton that deploys soft muscle technology embedded within a glove. The glove supports the wearing in repeatedly gripping for up to 10 hours and with an additional 16 newtons of force per finger.

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Skelex 360

The Skelex 360™ is designed to significantly decrease shoulder and arm muscle strain during overhead work, effectively reducing the risk of ergonomic injuries.

By incorporating this suit into your work routine, not only does the quality of work improve, but workers also experience reduced fatigue at the end of a day's work. This results in lower direct and indirect costs associated with work incapacity.

Use Cases

The suit is versatile and applicable across a wide range of industries, including but not limited to:

- Logistics
- Agriculture
- Dairy farming
- Horticulture
- Construction
- Industry
- Healthcare

The Skelex 360 stands out as the only exoskeleton on the market equipped for welding, clean rooms, and food-safe environments, thanks to a range of certified add-ons.

Specifications

Total Weight:	<3kg
Supporting force:	1 to 4,9kg per arm stepless
Sizing:	Small & Regular
Material Frame:	Stainless steel
Material padding:	EVA foam
Straps:	Nylon webbing
Chestbelt:	Polyester, Nylon
Working temp. range:	-20°C to +40°C
Designed & Engineered in:	The Netherlands
Made in:	The Netherlands & PRC



Up to 40% less effort during overhead work!

Skelex Edge

This exoskeleton is designed to make lifting easier by supporting your back, relieving your upper body, and helping you maintain a good posture. It reduces the strain on your (lower) back muscles and lowers the risk of overuse injuries. This way, you can move more freely and work more comfortably every day.

Use Cases

Ideal for occupations involving frequent lifting during the day. Suitable industries for the suit include:

- Logistics
- Agriculture
- Healthcare
- Construction
- Industry

Specifications

Force enhancement:

- Lifting energy reduction:	15%
- Spinal loading reduction:	-40%
- Back muscle activation:	>20%

Sizing: One-size-fits-all

Weight: 0.95 kg

Certification CE / ISO12402

Range of motion: Unimpeded normal range of motion

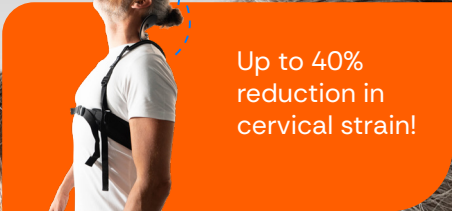
Designed & Engineered in: The Netherlands

Made in: PRC

Up to 40% less back muscle activation during bending and lifting!



Skelex Neck



The Skelex Neck Support lessens the use of neck and shoulder muscles when working overhead, limiting injuries.

The neck support is available in two versions to match different user preferences and seamlessly pairs with the Skelex 360 for optimal comfort.

Use Cases

Recommended for use in both sitting and standing postures, the Skelex Neck Support enhances comfort and reduces strain during various work activities.

- Logistics
- Warehousing
- Construction
- Industry

Specifications

Head support force:	Maximum 5 kg
Weight:	150 gram
Sizing:	One-size-fits-all
Certification	CE Class
Range of motion:	Unimpeded normal range of motion for the neck
Designed & Engineered in:	The Netherlands
Made in:	PRC

Skelex Iron Hand



The Skelex Iron Hand is a smart, 5-finger grip-supporting glove that activates intuitively through pressure sensors in the fingertips. It's designed to enhance performance and reduce strain during repetitive or forceful hand tasks.

Key benefits:

- Adds extra strength and grip endurance when you need it most
- Helps reduce the risk of fatigue and strain-related injuries
- Includes built-in ergonomic risk assessment reports to support a safer working environment

Use Cases

The Skelex Iron Hand is best deployed in industries where operators are required to repeatedly grip, torque and or lift heavy or rapidly vibrating items, examples of relevant sectors are.

- Foundry
- Pre assembly
- Logistics
- Warehousing
- Construction

Specifications

Ironhand glove sizes:	S, M, L, XL (Right and Left)
Back pack sizes:	S/M, L/XL
Hip-carry sizes:	S, M, L
Total weight:	2.75 kg
Weight worn on the hand:	50g
Dimensions:	32 x 12 x 7.5 cm
Battery type:	Lithium
Battery time:	Approximately 8 hours, depending on usage
Maximum additional force:	16 Newtons per finger
Designed & engineered in:	Sweden
Made in:	Sweden



Join the exoskeleton revolution



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