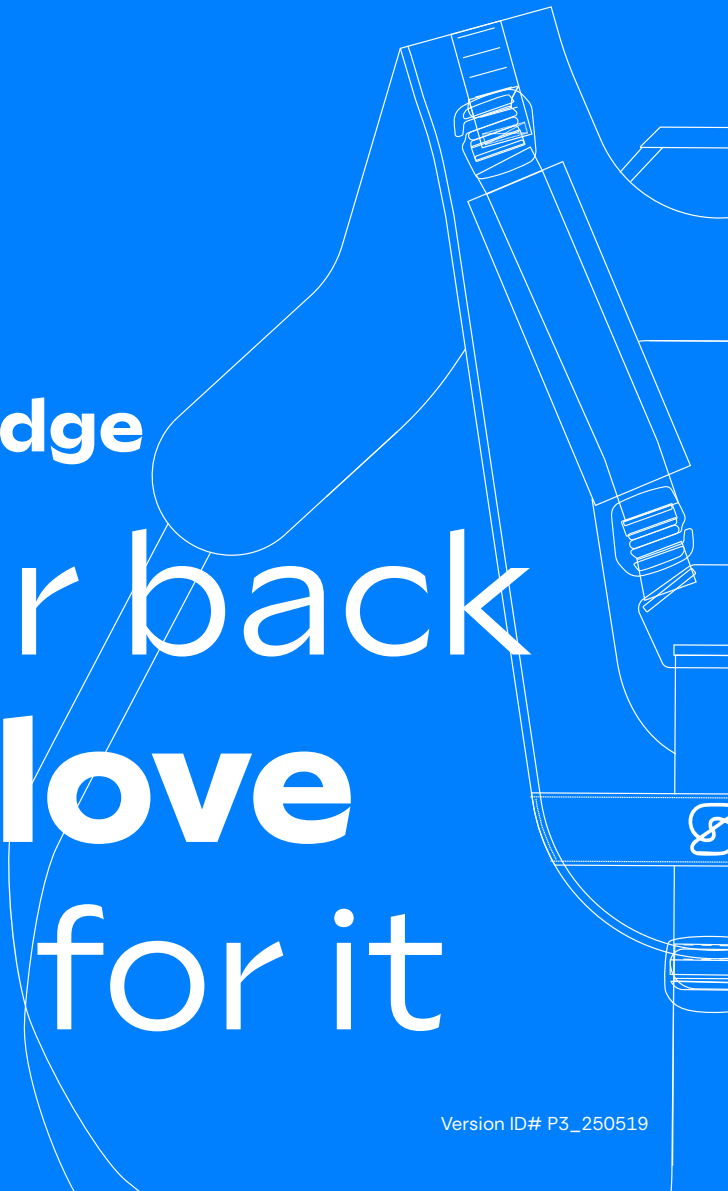


Skelex **Edge**

Your back
will **love**
you for it



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We've got your back!

Choosing the Skelex Edge means you're taking control of how you move, work, and recover. You know what your body needs, and you're taking steps to protect it.

Skelex is committed to making physical work safer, lighter, and less demanding. The Edge moves with you, supports your strength, and keeps up. Day in, day out.

The Skelex Edge is designed to make your workday easier. This innovative exoskeleton supports your lower back when bending forward or working at low heights. It helps prevent strain and discomfort, so you can work more comfortably and stay healthier over time.

Using elastic technology, the Skelex Edge stores energy as you bend and releases it when you straighten up. It feels natural and encourages a more ergonomic posture, without getting in your way.

With the Skelex Edge, you're not just wearing a smart tool, you're stepping into the future of healthier work and more comfortable life.



Safety instructions

Please take a moment to read these pointers before putting on the Edge exoskeleton, as they will help ensure correct usage, maximize comfort and support, and reduce the risk of improper fit or wear.

Build up usage gradually:

Always pay attention to how your body feels. If you notice any discomfort, take a break. You can try again after some rest or pick it up the next working day.

Still feeling discomfort? Get in touch with your dealer for support.

- Day 1: Use up to 2 hours
- Day 2: Use up to 4 hours
- Day 3: Use for 6 to 8 hours

Please use with care:

To keep your Skelex Edge in top condition and avoid any risk of damage or injury, please keep the following in mind:

- Don't stand or step on the product or any of its parts.
- Avoid placing heavy objects on it.
- Only use original Skelex parts for replacements, unauthorized parts may be unsafe.
- Regular maintenance matters: poor upkeep can lead to avoidable accidents.

Stay safe while using your Skelex Edge:

To get the most out of your Skelex and protect yourself from discomfort or injury, please keep the following in mind:

- Take a few minutes to read this manual before use, it really helps.
- Use the Skelex Edge only as intended.
- Wearing it the wrong way can cause irritation or even injury.
- Wear work clothing that meets your industry's safety standards.
- Empty your pockets. Hard objects can get pressed between your body and the device.

Activities:

Be mindful when using the Skelex Edge during the following activities

- Running
- Climbing
- Driving any vehicle

Your work environment:

For safe and effective use, keep the following in mind:

- Work in a clean, organized, and well-lit area that follows safety regulations.
- Be extra cautious in tight or confined spaces. This helps avoid getting stuck or damaging the device.
- Never use the product near explosive environments or flammable materials.
- Use within the temperature range: -20 °C to 40 °C.
- The Skelex Edge is suitable for both indoor and outdoor use.

In case of emergency:

- If something goes wrong, remove the device right away and move to a safe space.
- If CPR is needed, take off the device first.

Use constraints / Cautions for all Edge exosuit users:

The Edge exosuit can only be used safely and reliably when the instructions contained in this User Manual / Quick Start Guide are followed. Avoid working with Edge exosuits in any ways not outlined or explained in this User Manual. Doing so may lead to injuries or product damage. Avoid reckless use, care, maintenance, or storage of your Edge exosuits.

When to pause or stop using the product:

Stop using the Skelex Edge and contact your supplier if:

- You experience physical discomfort or unexpected side effects.
- It starts to feel uncomfortable over time.
- Any part seems damaged or stops working.
- You see visible wear or damage to the device.

Skelex Edge: Overview



Technical information:

Force enhancement:

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

Sizing: One-size-fits-all

Weight: 0.95 kg

Certification: CE / ISO12402

Range of motion: Unimpeded normal range of motion for the body

Anchoring options

Every Edge comes with two anchoring options to connect your legs; Thigh or Knee anchoring. It is a matter of personal taste and preference. You can choose your own comfort.



Thigh anchor

Ideal when your work requires walking, kneeling or for example squatting. The anchor point is located higher on the leg, around the upper thigh.

Benefits:

- Distributes force over a broader muscle area.
- Often more comfortable during extended wearing.
- Allows completely free knee movement

Knee anchor

Suitable for tasks that require a fixed working posture or less lower-body mobility. Anchor point is centered around your knee.

Benefits:

- Creates a more stable connection to the leg, which can enhance the precision of support.
- Slightly more compact and may feel more secure in tight workspaces.



Suiting up: a step by step guide

Preparation

Position the upper harness over your shoulders, like putting on a backpack.

You'll tighten the straps later, so keep them loose for now.



Kneepads:

Close the kneepads, making sure the center of each pad sits just below your kneecap.

– OR –



Thighpads:

Close the thigh pads, making sure the center of each pad sits just below your kneecap.



Click the harness straps onto the knee or thighpads.

You are now ready to fit the Skelex Edge to your body and needs, following the 1-2-3-4 system.



Follow the numbers:

Gently pull both straps with number 1 indication upward.



Secure the chest straps with number 2 indication. Pull gently so shoulderstraps are away from armpits.



Pull both shoulderstraps with number 3 indication till Skelex logo is positioned at your heart height.



Pull the backstrap with number 4 indication to assure the most comfortable and desired support strenght is set. Bend a few times to experience the setting chosen. If too strong, release some tension by gently lifting the buckle of the strap.



Check your fit!

To make sure your Skelex Edge fits properly and works as intended, check these key points:

- The center of the knee pad should sit just below your kneecap. The knee pads should not slide up your thighs when you bend forward.
- Ensure the thigh pad (not shown in photo) is centered on the upper part of your leg for proper fit.
- Make sure the two main elastic bands stay positioned on the back of the harness. The seat should line up with the center of your buttocks.
- The elastics should be snug—with no slack—when you're standing upright. If needed, adjust the harness elastic straps to remove any slack.

Not quite right?

Adjust the shoulder and thigh or knee tension straps until everything feels secure and stable.

Still feeling discomfort? Start the setup steps again from the beginning to ensure a proper fit and avoid strain while using the Skelex Edge.



Extra features

The Skelex Edge is designed to be practical and adaptable to the way you work. To support a wide range of users and use cases, we've added some simple yet effective attachment features:



Battery Pack Mount

The lower horizontal webbing section at the backplate, has a 6 cm wide pocket to clip power tool battery packs on. This width fits almost all battery packs. It is centered in the middle so it does not compromise comfort or your range of motion.

Note: Always check the weight and balance before use.



Front Velcro Identifier and Pen Holder

On the chest strap, we've added a Velcro patch for easy identification of your Skelex Edge. You can attach a color-coded tag, label, or sticker. Ideal for workplaces where multiple units are in use.

On the left front side of the harness, you'll find an additional insert section designed to hold items such as pens or radios.



Adjusting the Fit

To ensure a comfortable and secure fit, you can adjust the size of the harness by repositioning the hook located at the top of the shoulder. Always check that both sides are evenly adjusted before use.

Maintenance and cleaning

Gentle Cleaning

Keep your Skelex Edge in top shape with these easy cleaning steps:

Remove Dust & Debris

Use a compressed air canister to blow away loose dust and debris from the surface of the Skelex Edge.

Wipe Down surfaces:

Dampen a soft microfiber cloth with warm water and a small amount of mild detergent. Gently wipe all exterior parts. Especially areas that get a lot of use, like buckles and straps.

Dry thoroughly:

Use a clean, dry microfiber cloth to remove any remaining moisture. Make sure your Skelex Edge is completely dry before storing or using it again.

Washing

Domestic Washing:

Use a wash-bag to avoid damage to your machine and the product

- Machine wash max 30 degrees centigrade
- No chlorine or bleach
- Do not tumble dry
- Do not iron



Industrial Washing:

Use a wash-bag to avoid damage to your machine and the product

Unpacking and storing

Unpacking your Skelex Edge

Before your first use:

- Open the kneepads.
- Loosen all straps to their maximum length.

We recommend having someone assist you during the first setup, this makes it easier to reach the rear straps and check the correct fit on your body.

Storing your Skelex Edge

After each use, it's best to store the Skelex Edge in the same way it was shipped to you. This prevents tangling and keeps it ready for the next session.

- To remove the device, undo the kneepads and shin straps.
- Once off, close the kneepads and wrap the shin straps around the harness elastics on each side.

When stored properly, putting on the Skelex Edge becomes as easy as getting dressed.

Store your Skelex Edge in a cool, dry place, and avoid prolonged exposure to direct sunlight.

Warranty

Limitations of Warranty

Skelex cannot cover:

- Normal wear and tear, including colour fading, which can be caused by overexposure to sunlight
- Product damage or failure resulting from any use for which the product was not intended
- Product damage or failure resulting from incorrect or inadequate assembly, storage, maintenance, or care
- Product damage or failure from misuse, abuse, negligence, accidents, or shipping damage
- Dissatisfaction due to buyer's remorse
- Damages incurred during transportation by the User to and from the worksite

No Other Warranties Made or Implied

Skelex makes no express warranty or condition whether written or oral and Skelex expressly disclaims all warranties and conditions not stated in this limited warranty. To the extent allowed by the local law of jurisdictions outside The Netherlands, Skelex disclaims all implied warranties or conditions, including any implied warranties of merchantability and fitness for a particular purpose. For all transactions occurring in the United States, any implied warranty of condition

of merchantability, satisfactory quality, or fitness for a particular purpose is limited to the duration of the express warranty set forth above.

Warranty Claims

All warranty claims must be filed by the original purchaser of this product with the authorized distributor, dealer, seller, or retailer of this product, who in turn is to contact the manufacturer (Skelex BV) regarding any warranty return or replacement. Please retain invoices for a minimum of one year for warranty purposes.

Disclaimers

Please read and understand all instructions carefully. Failure to comply with the instructions listed below may result in product failure or personal injury.

Skelex and its authorised distributors are not liable for any injury or damage suffered by any person, either directly or indirectly, as a result of violation of intended usage of the product.

Skelex and its authorised distributors do not accept any responsibility for any damage caused to its products, either directly or indirectly, as a result of use and/or repair by unauthorized personnel.

Materials

Materials Edge

- 1680D polyester fabric
- nylon webbing
- woven pa + natural rubber elastics
- hdpe sheet backplate
- pu foam filling
- pp buckles
- pvc labels
- neoprene fabric

Content Edge Packaging Content

- 1x upper body harness
- 1x hammock
- 1x set shoulder elastics
- 1x set thigh anchors
- 1x set knee anchors
- 1x manual

Packaging Materials Edge

- B310 corrugated carton
- pe bubble wrap
- fiber reinforced paper tape

Certifications

- Edge product – CE doc
- buckles – ISO12402

Recyclability statement

The Skelex Edge is composed primarily of thermoplastics and textiles.

Approximately 65–75% by mass of the product consists of materials with established recycling streams, such as HDPE, PP, and polyester.

The exoskeleton has been designed for manual disassembly, allowing for separation of major material groups. However, certain composite or elastic components, such as PU foam and rubber-blend fabrics, are currently not recyclable via standard municipal systems.

To support responsible end-of-life processing, Skelex recommends component-level sorting and disposal through certified plastic and textile recyclers where available.



Customer service

For any questions, issues, or support requests, please contact your dealer first.

If you do not receive a response within a reasonable time, you can reach out directly to us at info@skelex.com.

We're here to help.



This product complies with the essential requirements and other relevant provisions of the applicable European directives. For full conformity information, please refer to the EU Declaration of Conformity, made available on our website. (www.skelex.com/service/downloads)

Skel-ex BV

Saturnusstraat 95
2516 AG The Hague
The Netherlands

info@skelex.com
+31 (0) 85 073 5790

www.skelex.com

Please register your Skelex Edge:
www.skelex.com/service/register

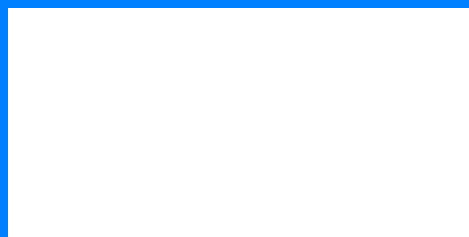


Enter the serial number below
to activate your warranty.

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