

Skelex **Edge**

Your back
will **love**
you for it



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 (2.09 lb)

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 strength 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.



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:



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.



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.

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.

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)

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



Enter the serial number below
to activate your warranty.

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