

HAWORTH

Fern Presentation

APAC
2024

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- Functions
- Colours and Materials
- Applications
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Value Proposition



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Design innovation

Over 12 years of research,
Fern is built to move
naturally with you.



Wave Suspension™

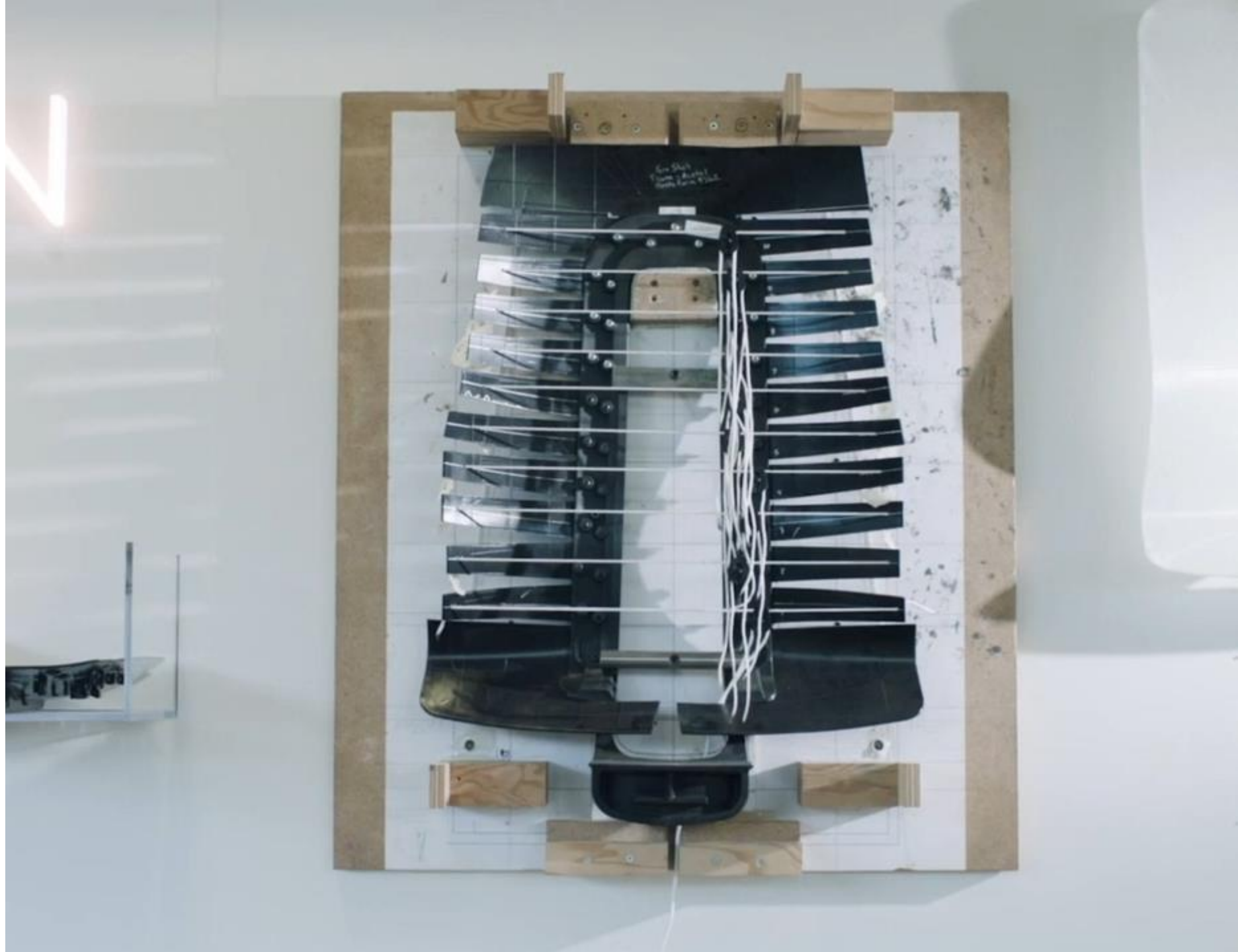
Fern provides new levels of balance, flexibility, and performance. It's designed to support the person. Fern's Wave Suspension system is the heart of the chair and the key to its back comfort and flexibility. From the outside, the back looks simple. But inside is an intricate level of science, engineering, and innovation that enables Fern to work with you, not against you.



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Nature's Flexibility

Inspired by the structure of a fern, the Stem™ is a centered spine that supports a series of Fronds that extend like leaves. Each Frond™ is calibrated to support a different area of the back from the thoracic (upper back) to the lumbar, to the pelvic areas. The Cradle™ overlays the Fronds and Stem, working in concert with them for effortless support.



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Infinity Edge™

The Wave Suspension system is the key to the soft Infinity Edge™. Fern's Infinity Edge is soft and pliable for an edgeless comfort experience. Nothing interferes with movement to create discomfort and distraction.



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Total Back Support

Based on research with physical therapists, this chair also offers thoracic back support (upper back), which goes further than most office chairs giving the user total back support.



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Work Well

With Fern, more comfort means less distraction.

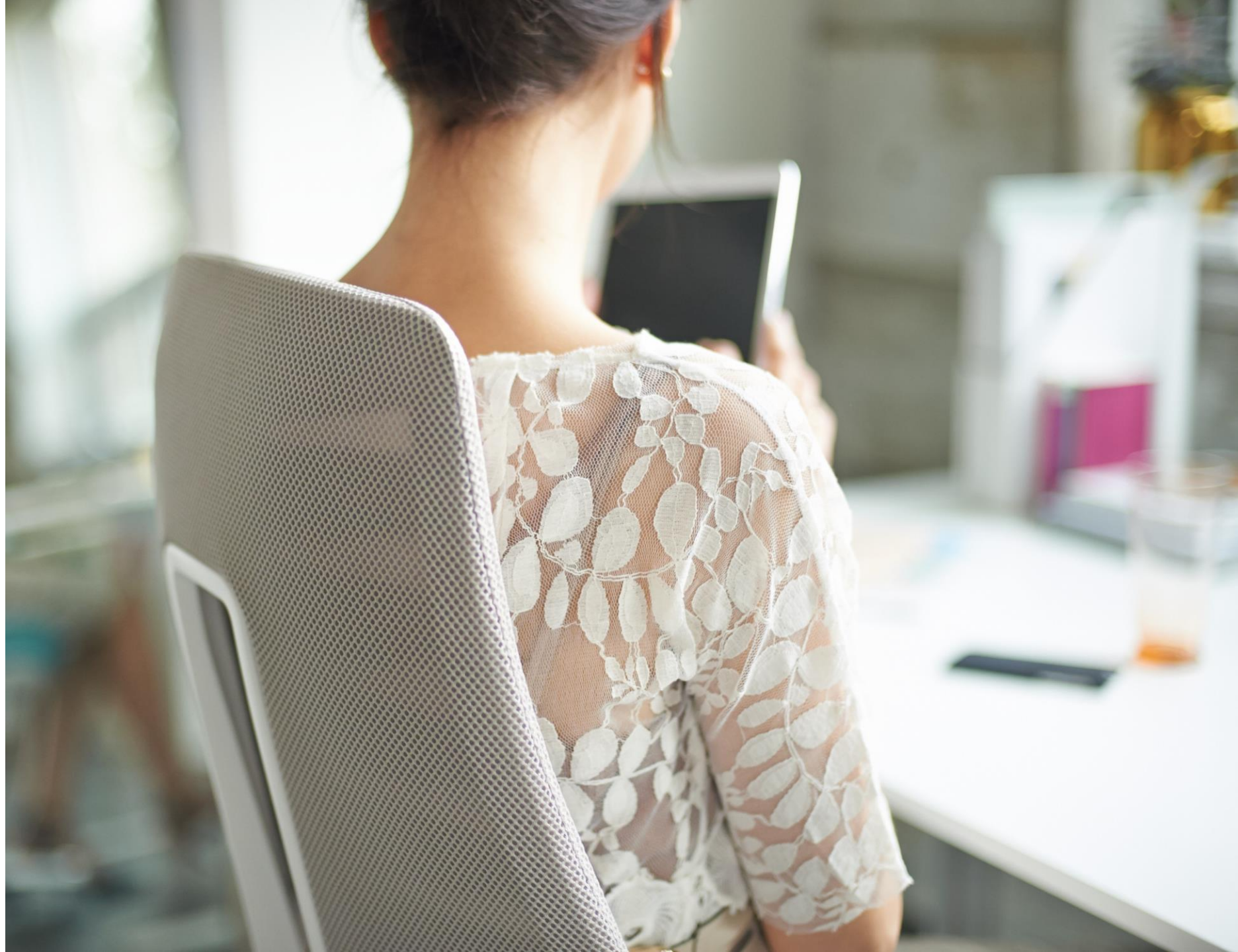
As you move or change posture, Fern works with you, not against you, so you can stay focused on the tasks at hand.



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Sit Well

Fern accommodates the diverse working population with new levels of all-day comfort, regardless of size, posture, or work mode.



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Feel Well

Fern provides a comfortable, engaging sitting experience that creates good feelings, keeping you balanced and centered in your chair.

Its approachable design is less machine, more human, with mechanics discreetly integrated into the warm, residential aesthetic.



Statement of Line and Features



Statement of Line



Fern Task



Fern Digital Knit*



Fern Executive



Fern Task Stool

* Available soon

Key Features



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Key Features

- Designed by Haworth Design Studio and ITO Design
- 3-point mechanism with 5 back-stop positions.
- Flexible and pliable backrest, providing total back support
- Optional forward tilt for varying sitting postures
- Optional Lumbar support – height adjustable



3 Point Synchronous Mechanism

- Aligns the pivot points of the mechanism with the pivot points of the body: hip, knee and ankle.
- User's back doesn't lose contact with the chair backrest when reclining.
- Allows deeper recline angles for optimum comfort.



Ergonomic Benefits



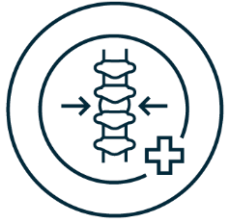
Helps maintain blood circulation in the legs



Ensures Upright posture



Promotes intervertebral disc nutrition



Prevents neck and shoulder pain

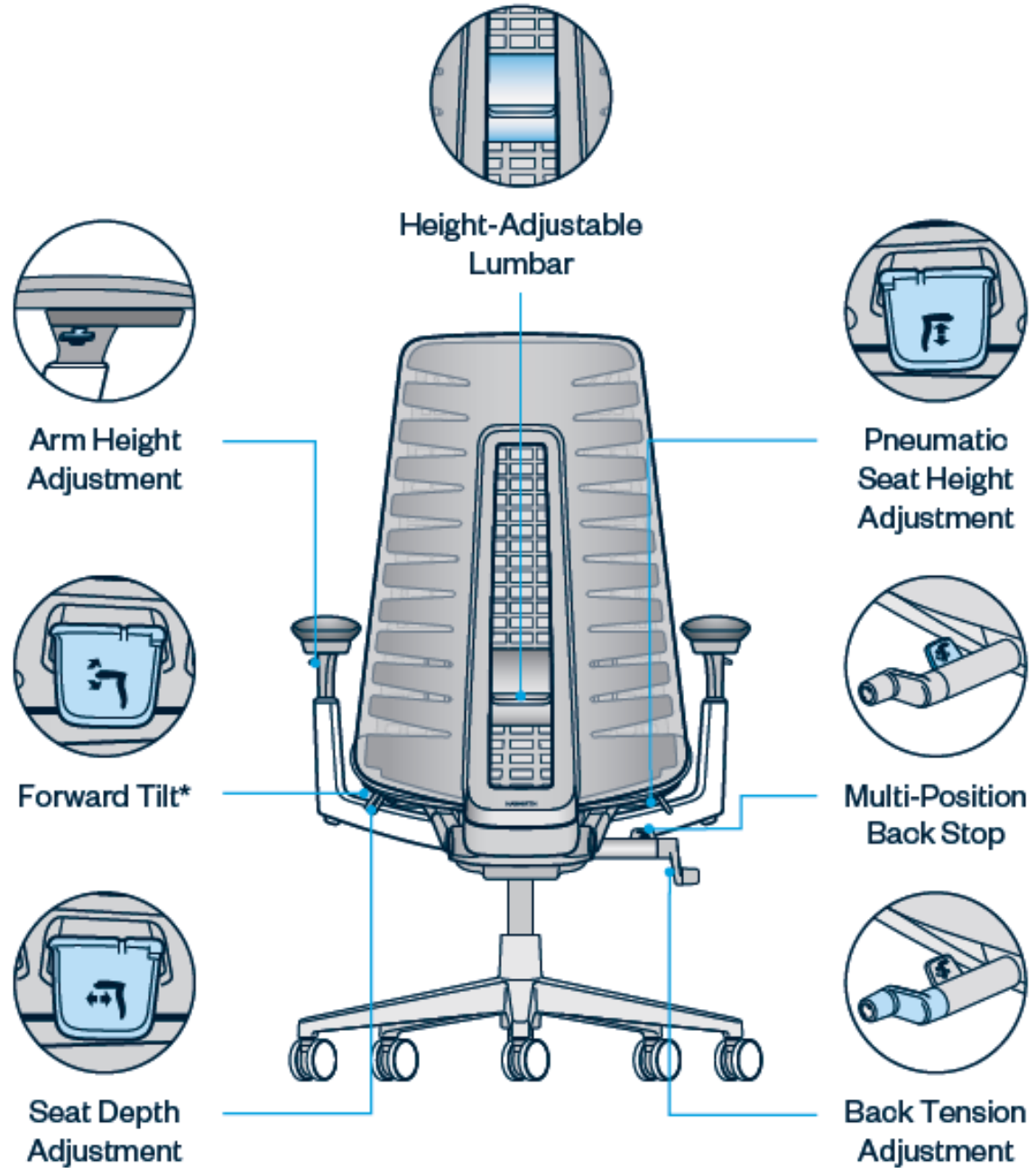


Functions



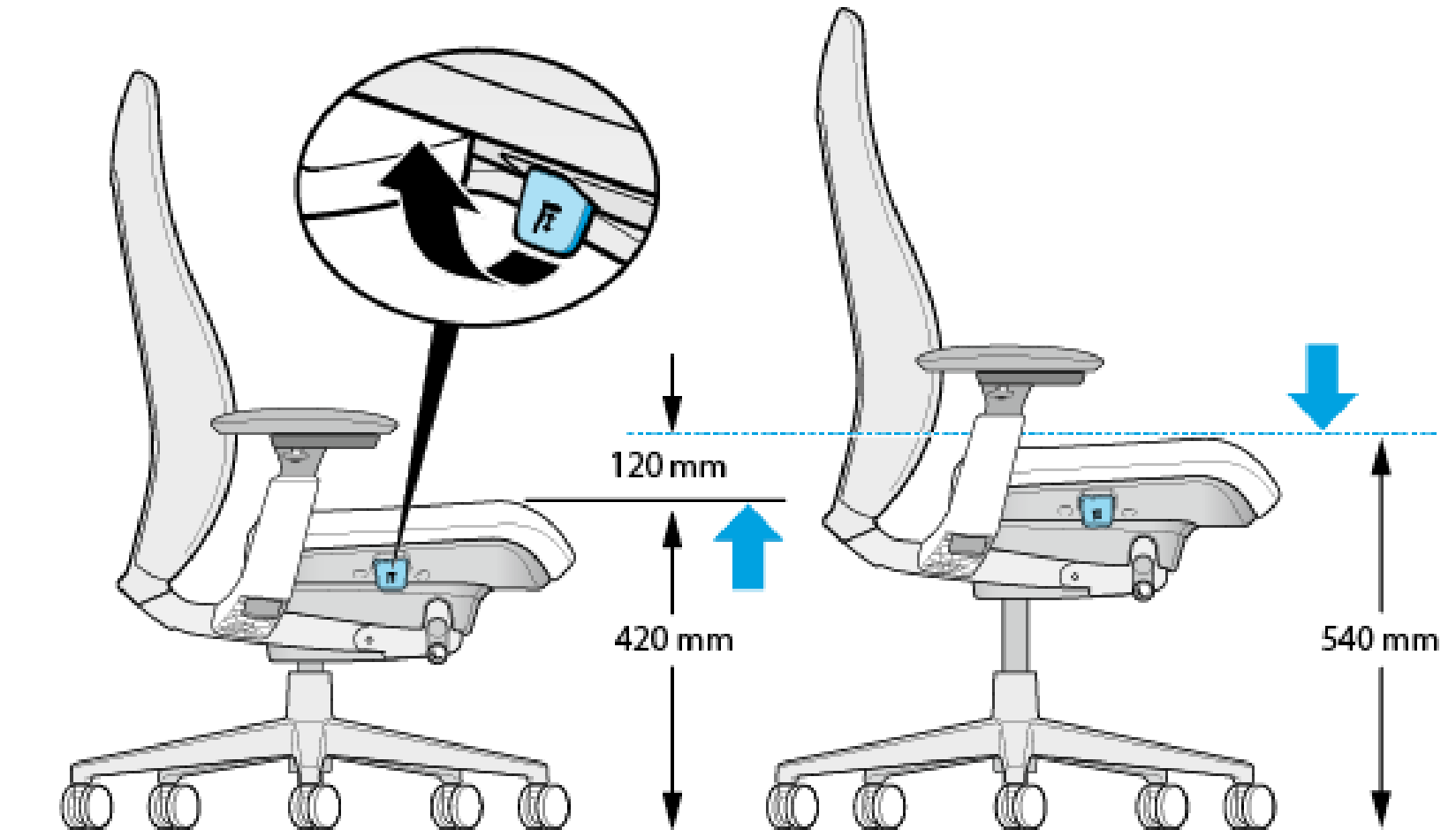
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Function Overview



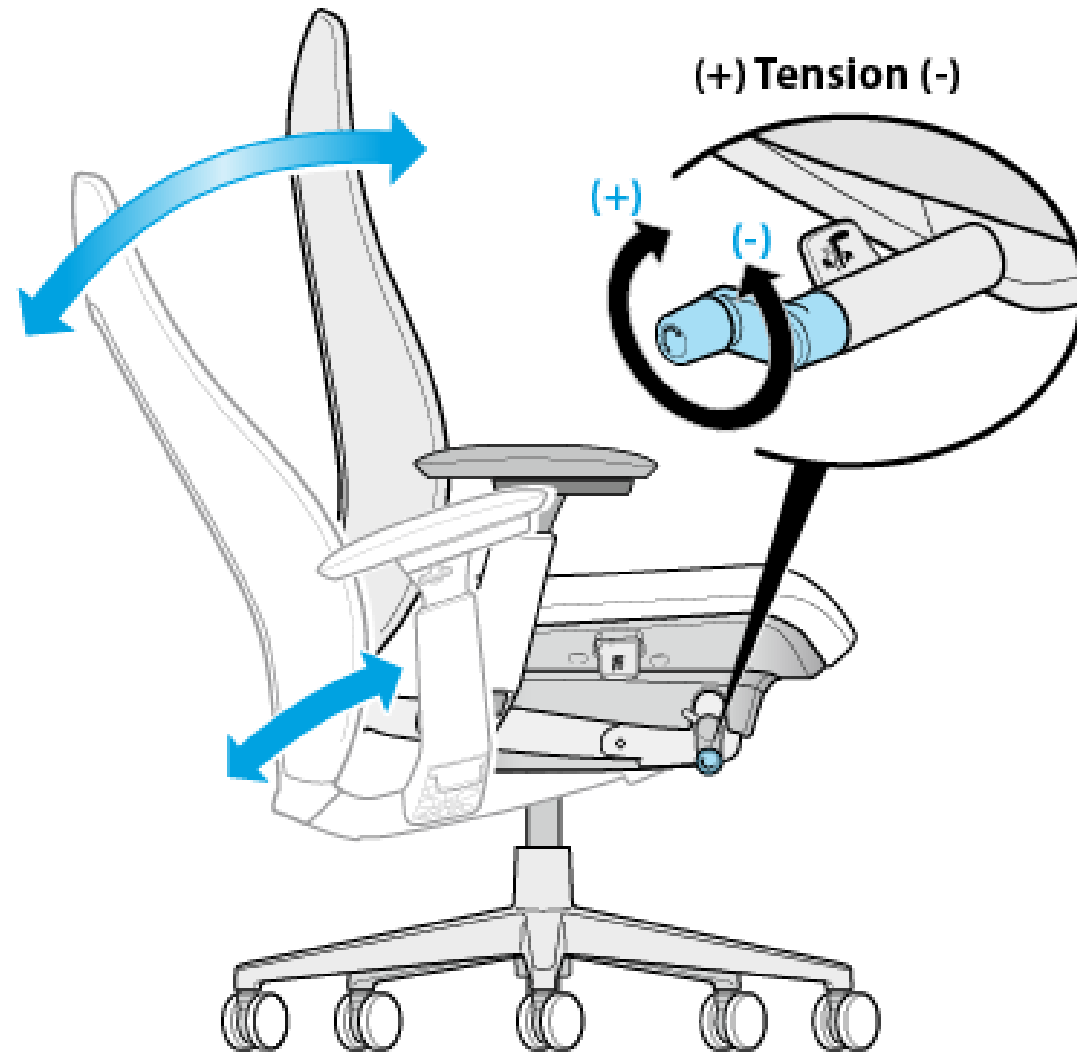
Seat height adjustment

- Pneumatic seat height adjustment.
- FERN Seat height adjusts 12,0 cm from 42 cm to 54,0 cm.
- FERN A Seat height adjusts 13,0 from 40 cm to 53 cm.



Back tension adjustment

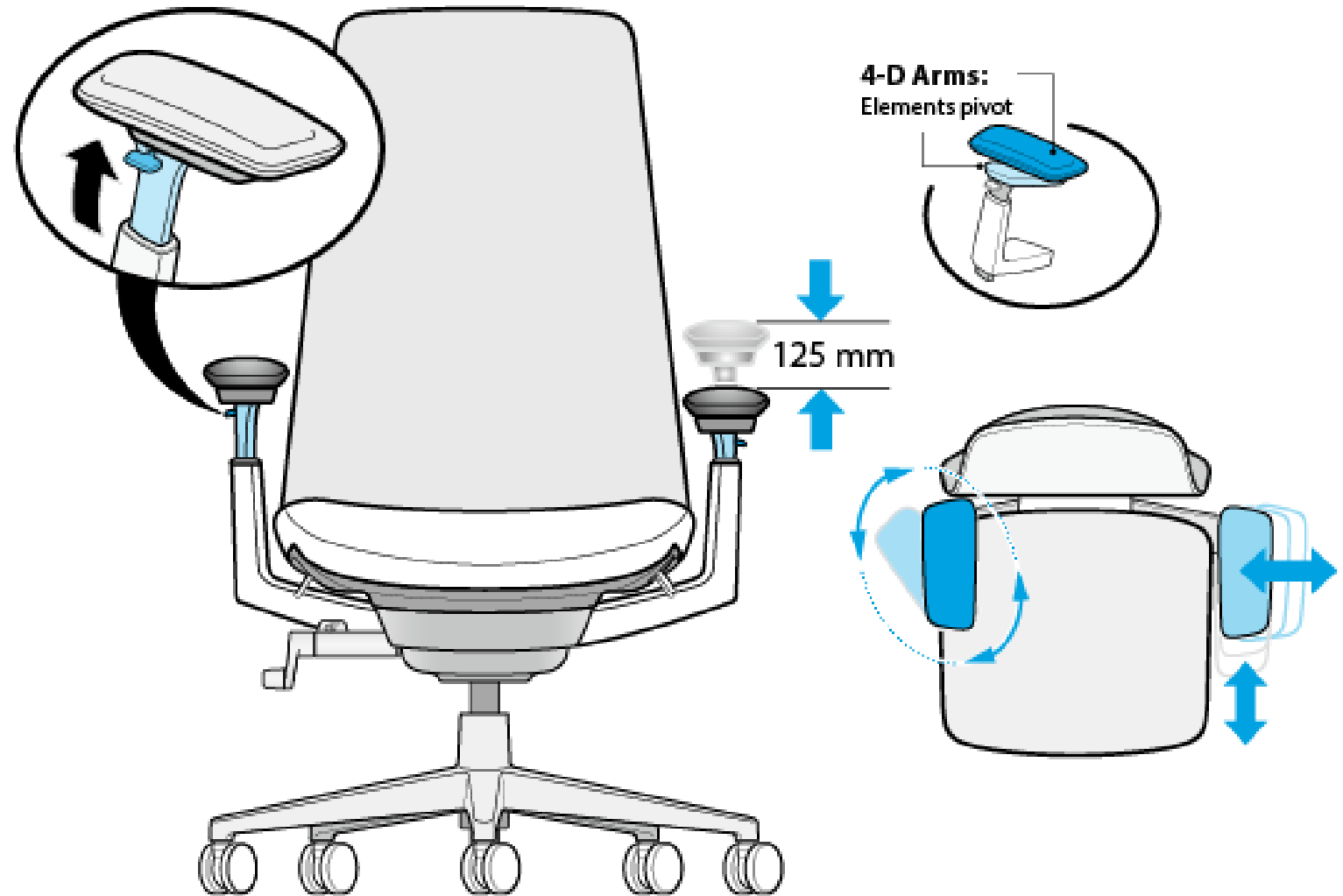
- Regulates the amount of resistance felt when leaning back in the chair and the effort required to recline the chair backwards.



4D Arm adjustment (optional)

Optional 4D arm adjusts in 4 ways:

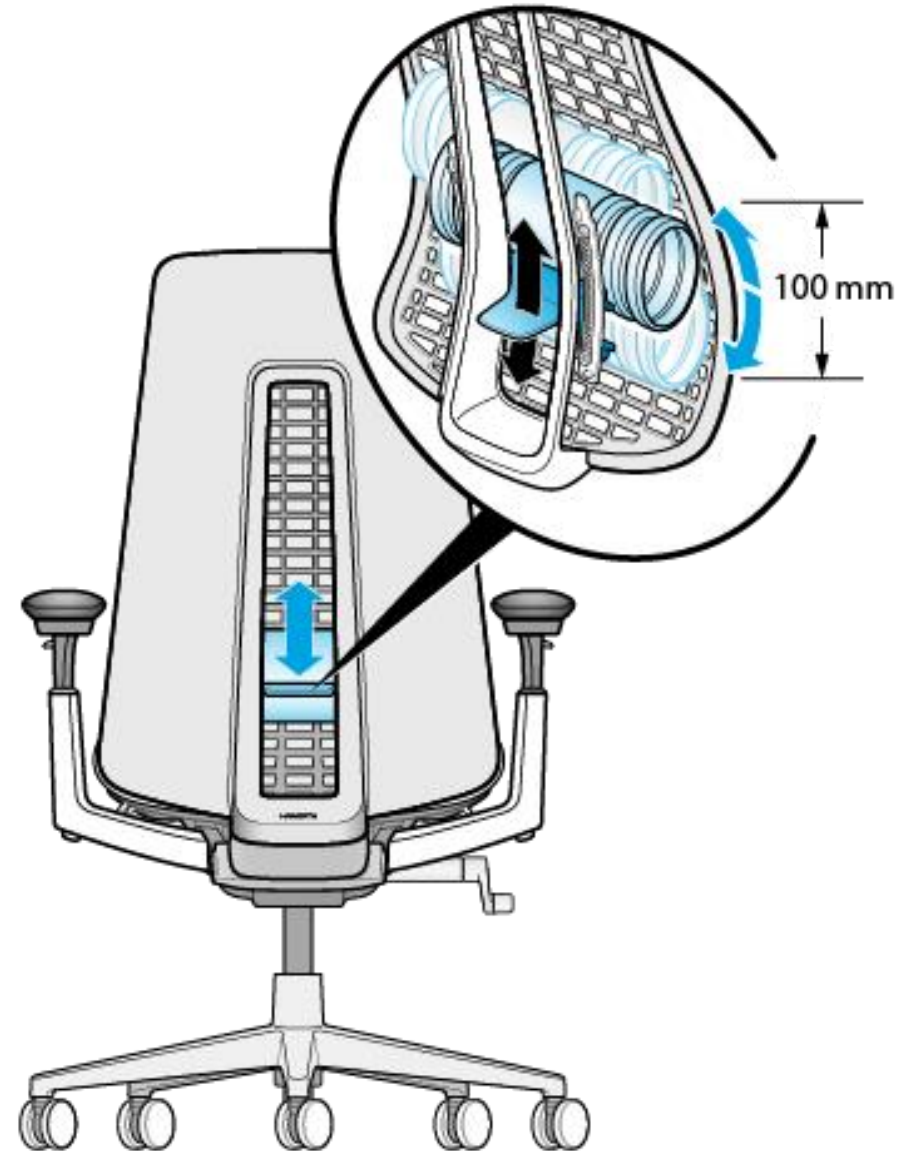
- Height adjustment 12,5 cm
- Side-to-side arm cap
- Front-to back adjustment
- Pivoting 40° in and 40° out



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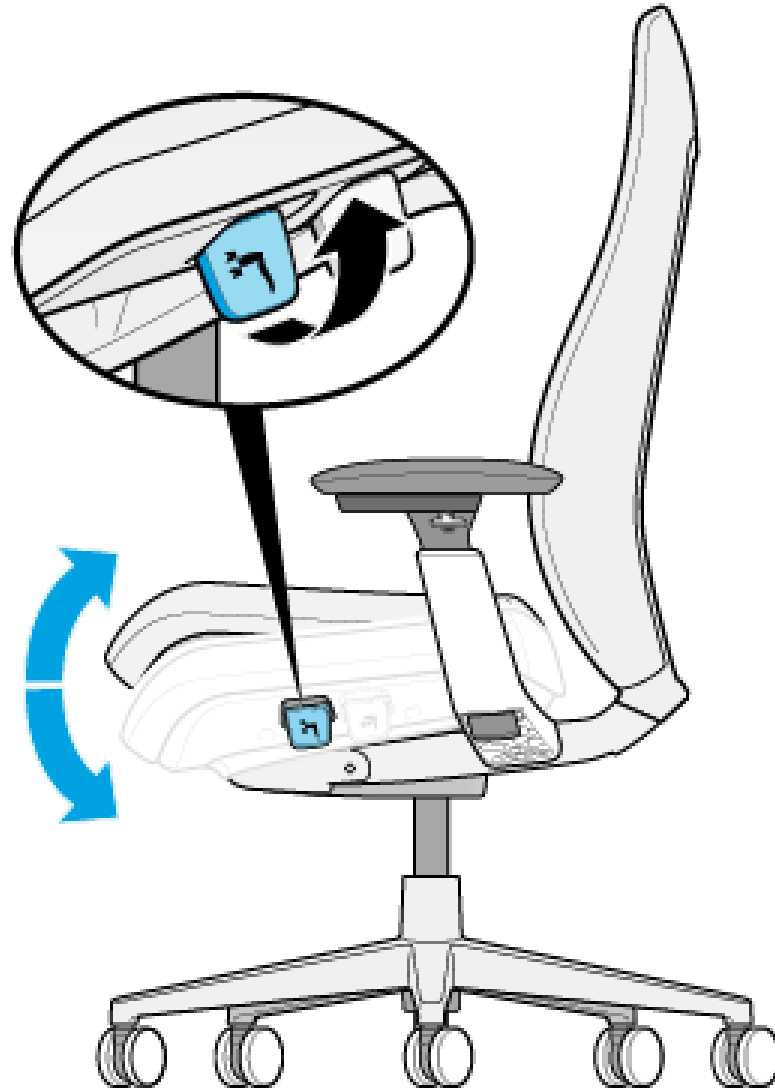
Lumbar support (optional)

- Optional height adjustable lumbar.
- Range of 10 cm of height adjustment.



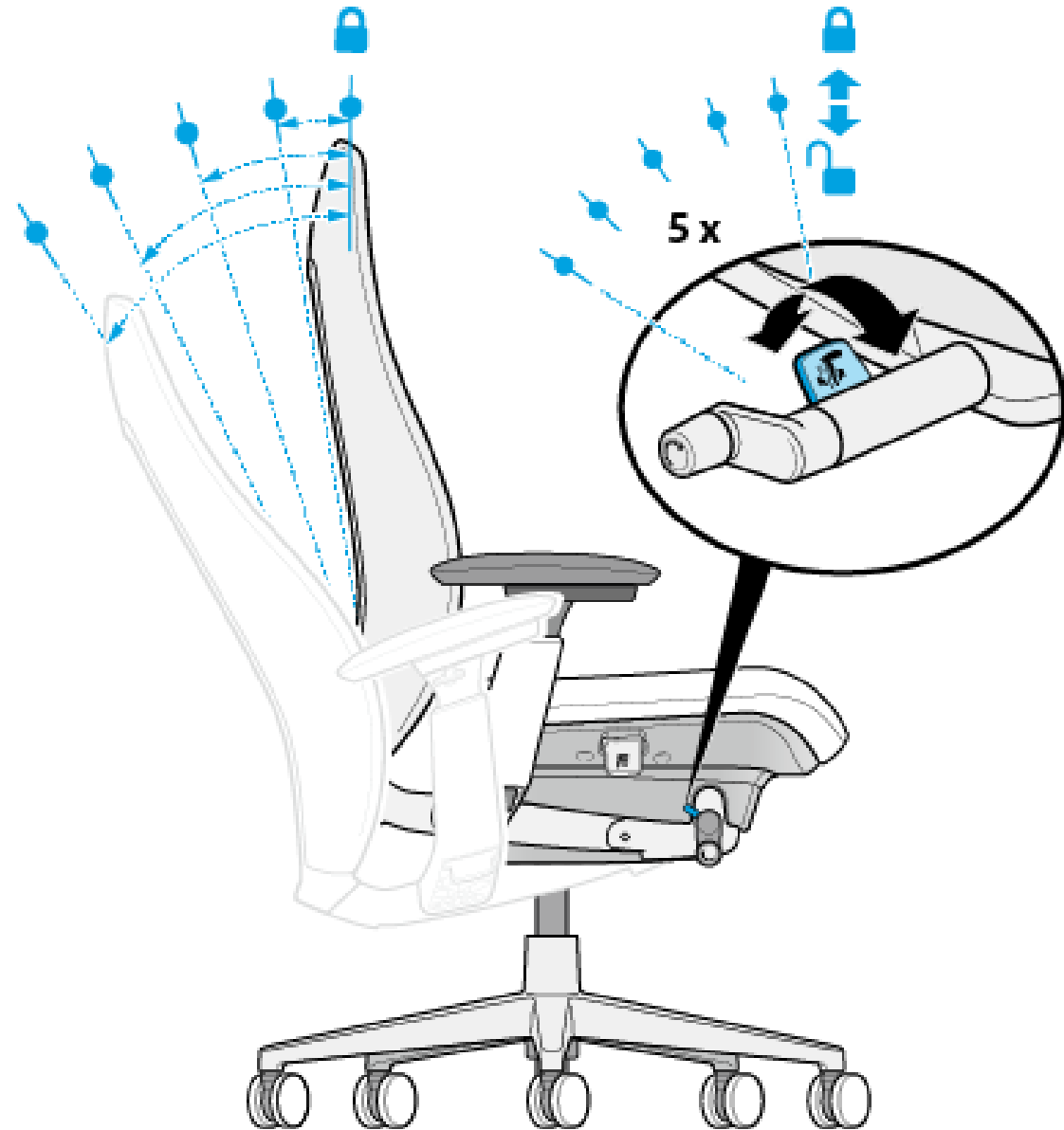
Forward tilt (optional)

- Optional forward tilt allows seat pan to move -5° downward from the initial position.



Back Stop

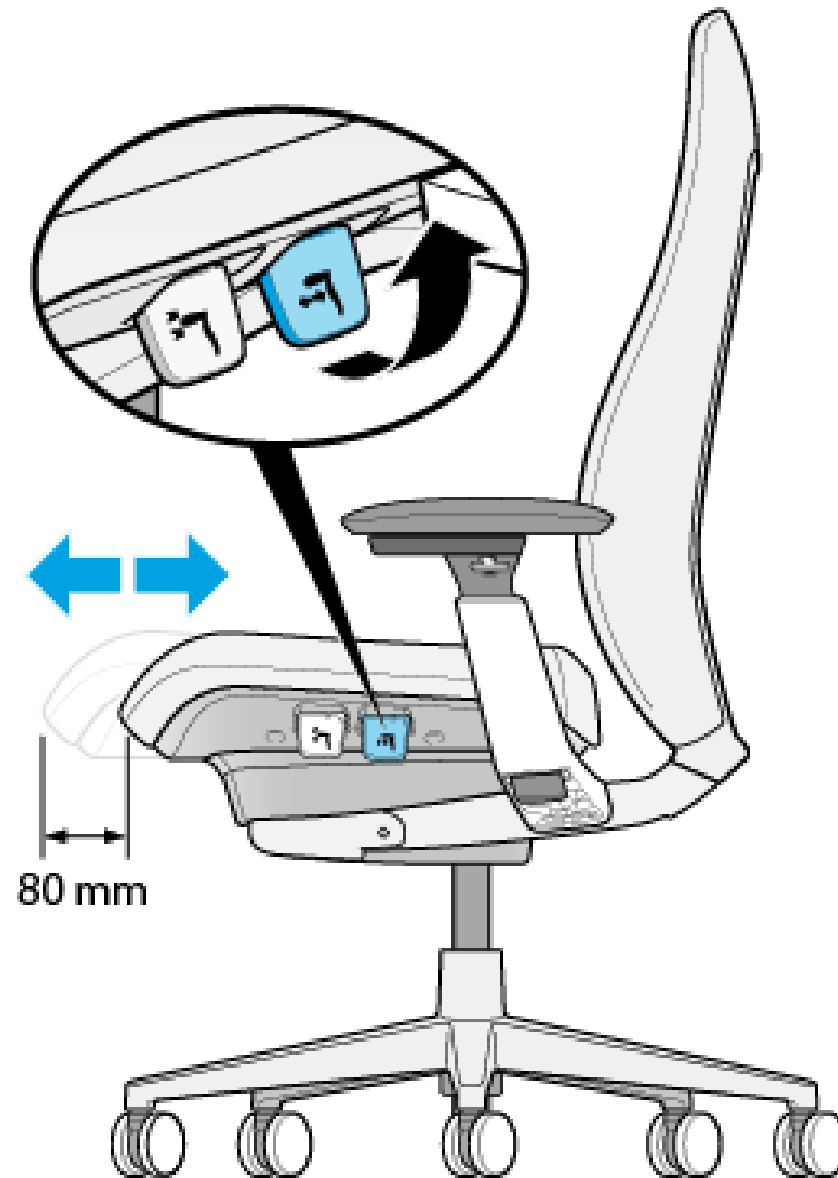
- Optional Back Stop - stops in 4 positions - upright and every 6° of back angle.



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Seat depth adjustment

- Seat depth has 8 cm seat depth range.



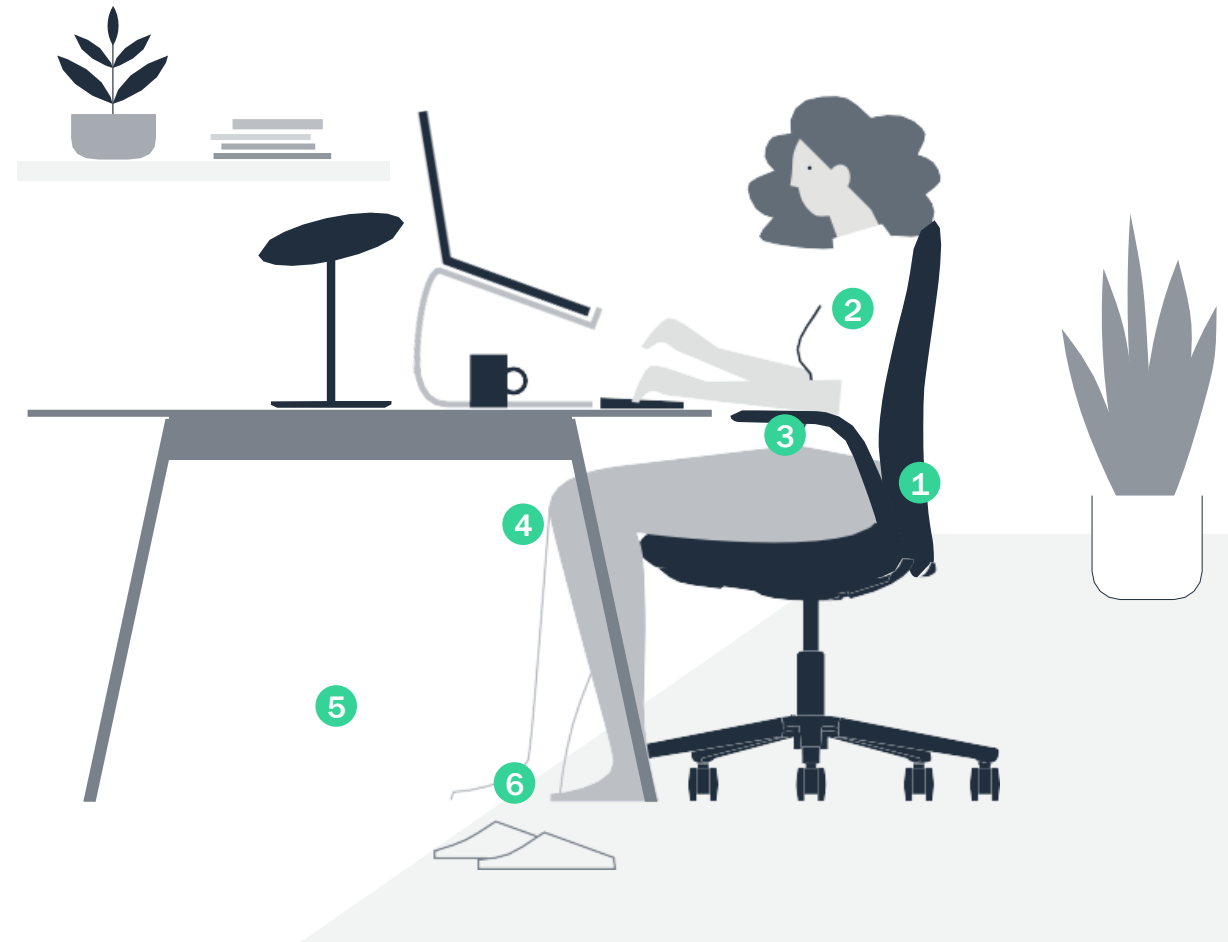
How to adjust Fern Chair



Do you know how to set up your workstation?

Now, perfect it with Fern

- 1 Ensure that the seating is adjustable to accommodate various postures, including upright, reclined, or forward tilt positions.
- 2 Maintain a torso-to-thigh angle of 90 degrees or greater while sitting.
- 3 Ensure that armrests, when sitting, do not obstruct the user from reaching the worksurface.
- 4 Provide sufficient clearance under the worksurface to allow for legroom without contacting the surface above.
- 5 Allow for unrestricted movement by ensuring there are no obstructions at foot level.
- 6 Ensure that users can place their feet flat on the floor or on a footrest when seated.



Colors and Materials



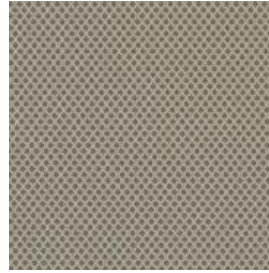
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Colors & Materials

Fern Mesh



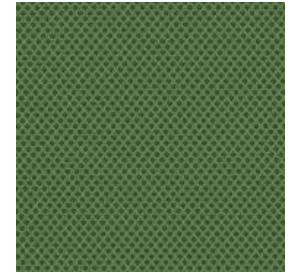
Black



Beach



Corn Flower



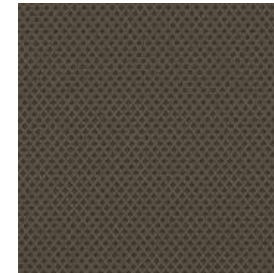
Peat Moss



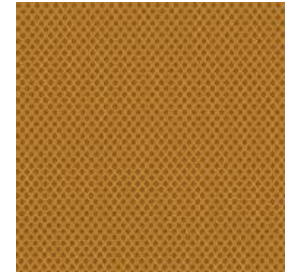
Moon Flower



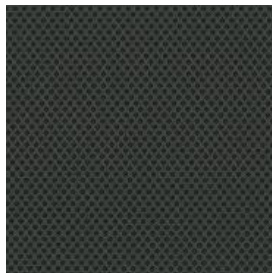
Mulch



Mushroom



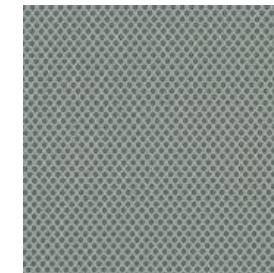
Sunflower



River Rock



Sedum



Silver Leaf

Colors & Materials

Finishes

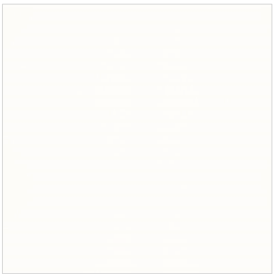
Plastic Frame



Black

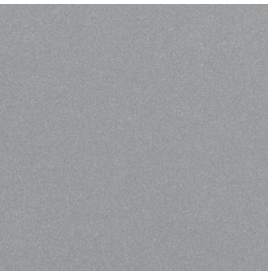


Fog



Snow

Aluminum Base



Metallic Silver



Matte EU Black



Polished Aluminum

Plastic Base



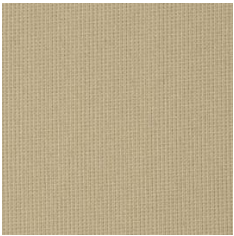
Black



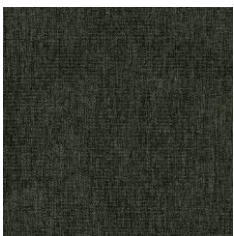
Fog

Colors & Materials

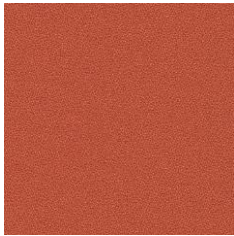
Seat Upholstery



Gauge



Combo



Tellure



Wellington faux leather



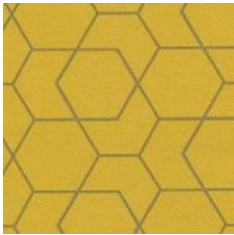
Mozart



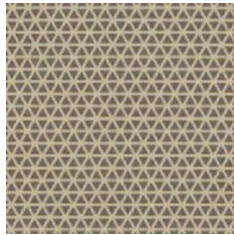
Fighter



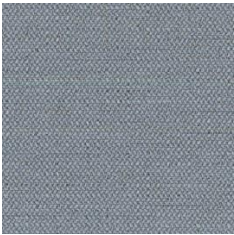
Medley



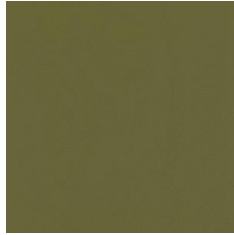
Angle printing



Visa printing



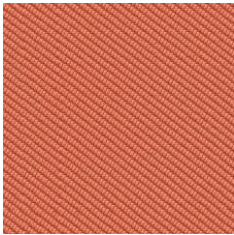
Era



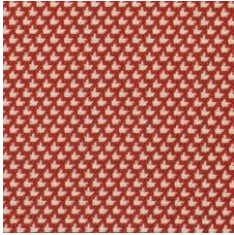
Chapter faux leather



Focus



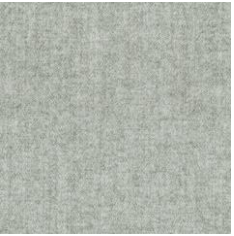
Oceanic



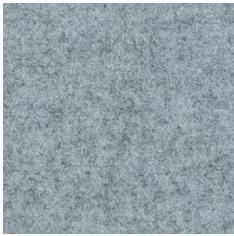
Diagonale



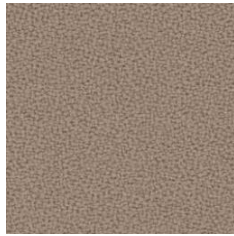
Floyd



Synergy



Blazer



New Aquarius



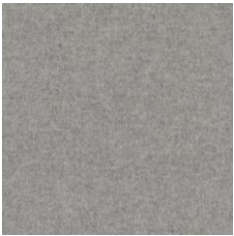
Relate



Atlas



Big Arrow



Divina Melange 3



Steelcut Trio 3



Hallingdal 65



AP Leather

Applications



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Collaborative and Conference Spaces



HAWORTH

Assigned workplaces



HAWORTH

Focus Areas



HAWORTH

Private Office



HAWORTH

Home Office



HAWORTH

Hotel Rooms



Certificates and awards



Certificates

- Indoor Advantage Gold
- BIFMA Level
- BIFMA x5.1
- AFRDI
- GECA



Blue Tick
Product
Certification

Awards

- IDEA (Industrial Design Excellence Award), 2017
- Red Dot Award, 2017
- United States Ergonomics Ergonomic Product Certification, 2016



Thank you!