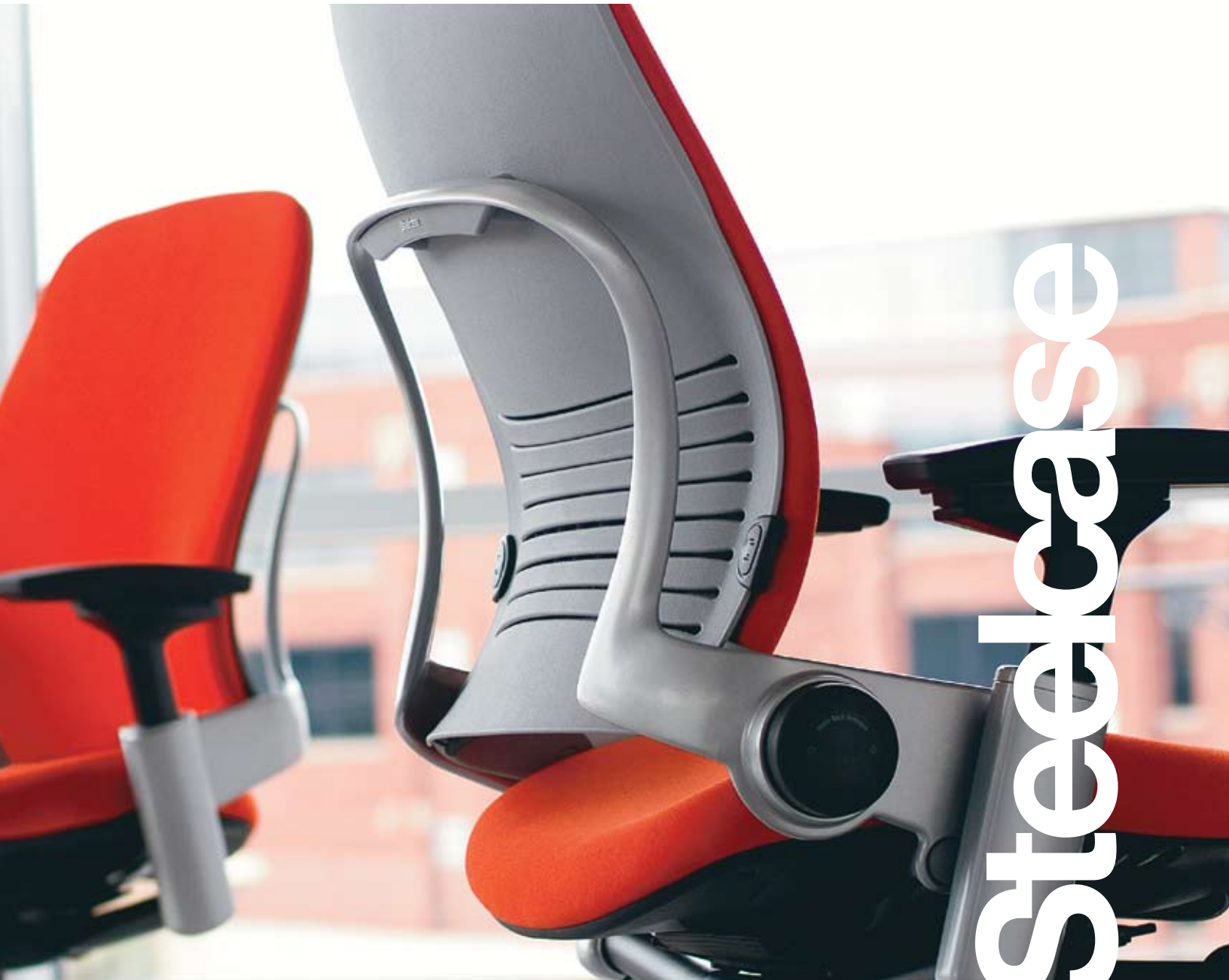
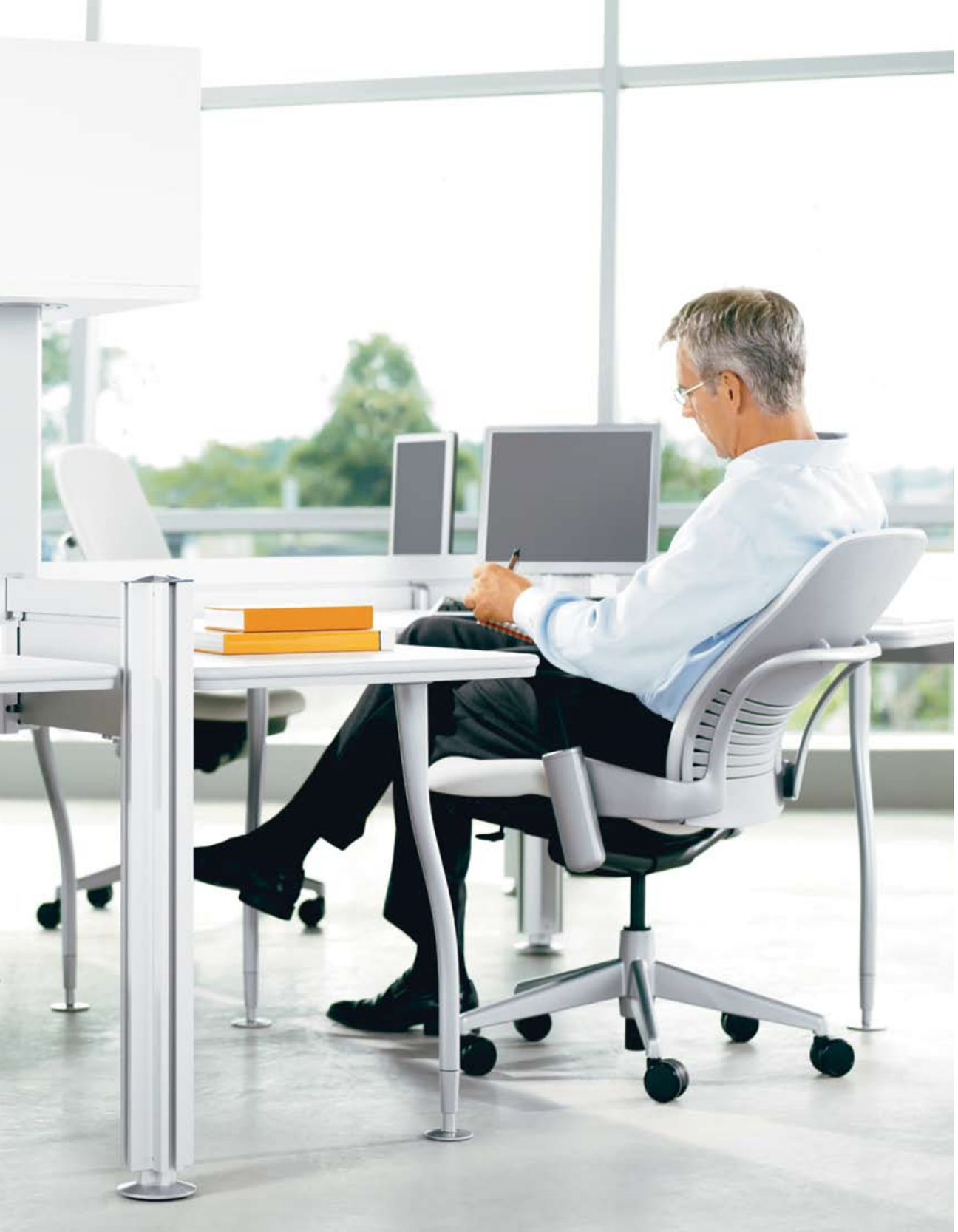
**Leap** seating





## Can a chair improve productivity?

Imagine if your chair could make you one, two, or even five percent more productive. What if that same chair could increase your overall level of comfort and keep you comfortable for a longer period of time? Is it possible? With the Leap® chair it is. In fact, one year-long study of over 200 people showed a **17.8%* productivity increase** for those sitting in Leap chairs.

*This increase applies to participants who received a Leap chair and ergonomic training. We'd like to apologize to members of the control group for not allowing you to sit in Leap chairs during the study. We appreciate your sacrifices. Your year of discomfort and stagnant productivity is invaluable.

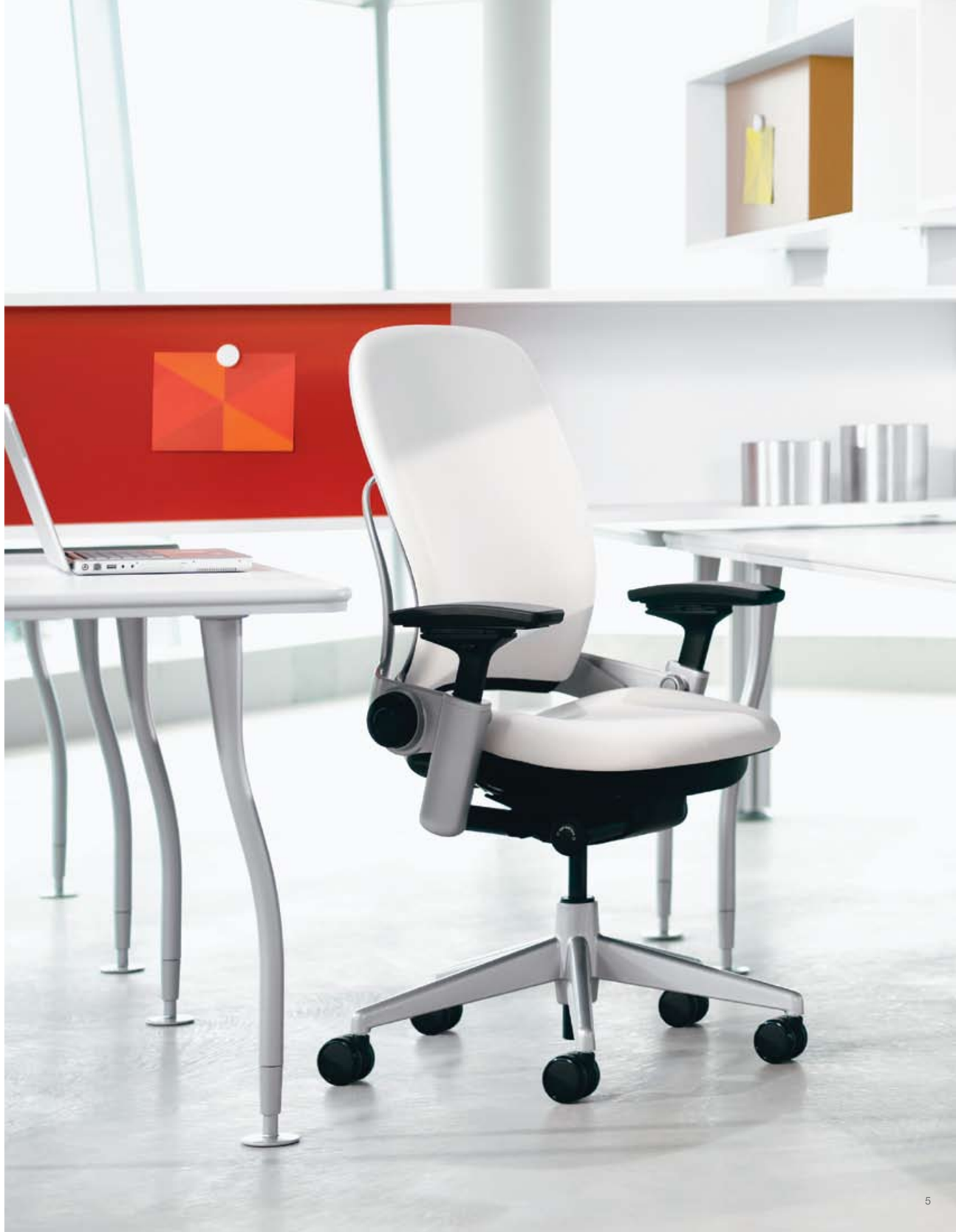
## We started with an understanding of how people sit.

In our research* on healthy sitting, we discovered four things that advanced our view of how a chair needs to support the body. **The spine doesn't move as a single unit** – when you recline, your upper spine moves backward and your lower spine arches forward. **Each individual's spinal motion is unique** – even if you're the same height, weight, age and gender as someone else, your spine will move differently when you sit. **The upper and lower back require different amounts and types of support** – your lower back requires firm constant support while your upper back requires increasing amounts of support as your body weight transfers from your sitting bones to the back of the chair. **Vision and reach impact posture** - when you recline in traditional chairs the distance between you and your work increases, which in turn can increase strain on your eyes, arms and neck.

These four key discoveries became our guidelines for designing the Leap chair. They're also the foundation for the **Alive Seating™** principles designed into all our chairs: **movement, orientation, fit and sustainability**.

*Our research included 11 studies, 732 test participants, 4 universities, 27 scientists and a team of ergonomic experts. The result was the development of the Leap chair, protected by more than 40 issued U.S. utility patents and more than 15 design patents, and one very busy U.S. patent office.





## Don't just sit there... move.

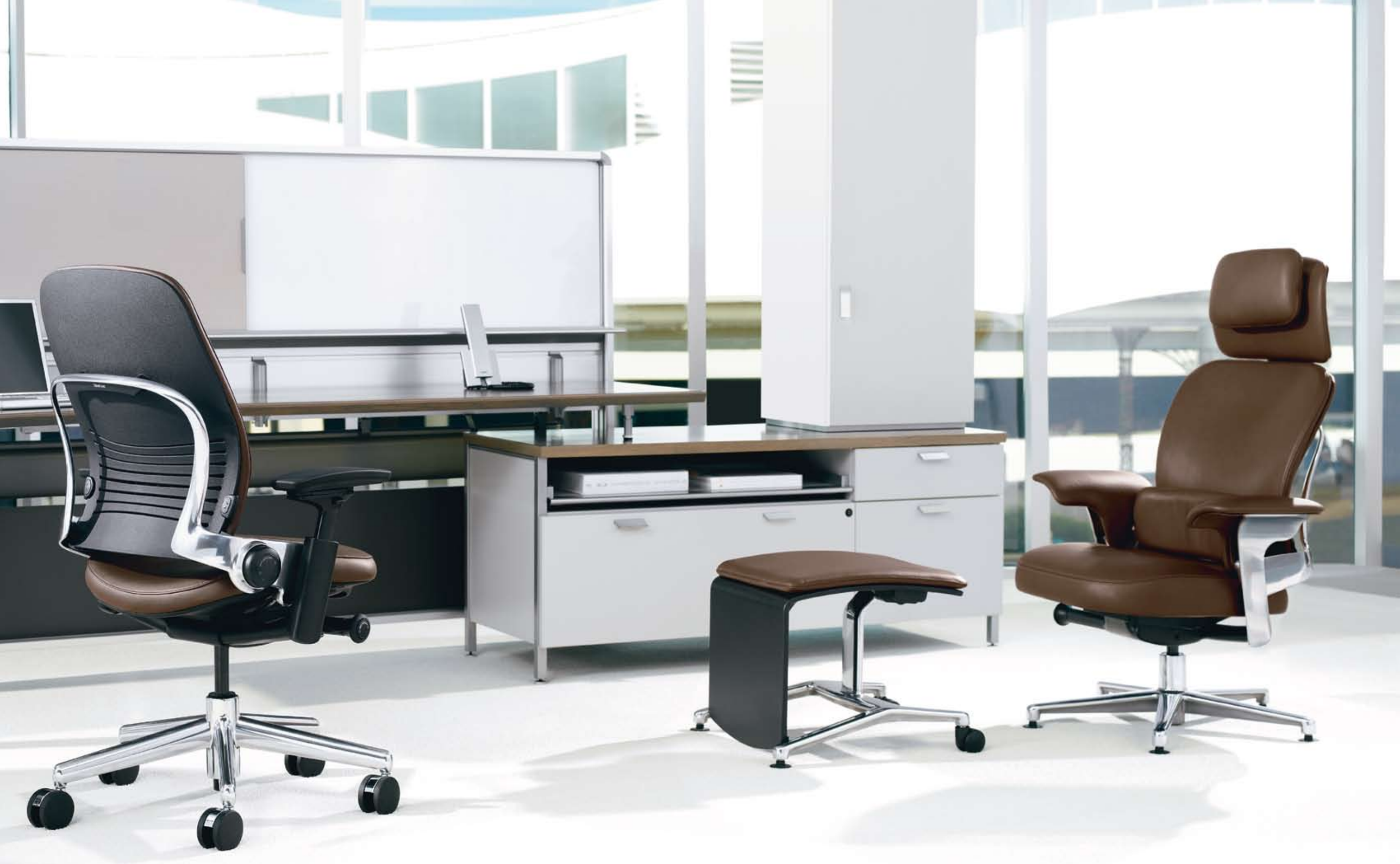
What we're about to tell you will contradict everything you learned during childhood, but it must be said: don't sit still. Your body needs to move. Blood needs to flow. Moving while you sit reduces stress on the spine and sends oxygen to your muscles. **Movement** is healthy.

The Leap chair, with its **LiveBack®** technology and flexible seat edge, actually conforms to the individual shape of your body and encourages you to move freely. In doing so, Leap eliminates your need to squirm and lets you move while you work, keeping you more comfortable and productive.

## Lean back and… work?

Reclining while you work is good for you. It transfers some of your weight to the back of the chair, helping to reduce the stress on your spine. Many chairs will allow you to recline but don't allow you to comfortably work while you recline.

When you recline in the Leap chair, your **orientation** to your work doesn't change. The Leap chair's **Natural Glide System**™ lets you recline without pulling you away from your desk. Your hands stay on your keyboard, your arms stay parallel to the floor, and your eyes stay focused on your work.



## Designed to fit you, and you, and you…

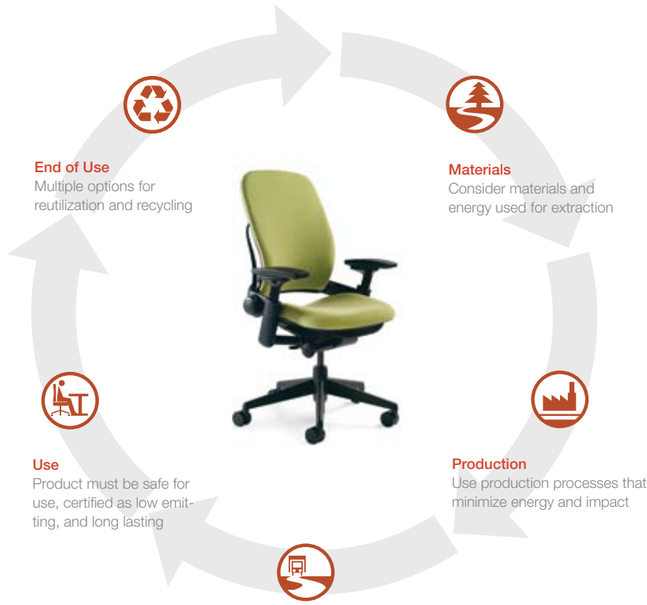
It seems obvious — your chair should fit you. But that, right there, is the key. The chair should fit you, not the other way around. With its intuitive adjustments, Leap easily conforms to **fit** you and works at its maximum capacity to provide you with a more comfortable sitting experience.

But is it enough for a chair to fit just you? What about the tall person next to you, or the short person two workstations over? Imagine a chair that easily adjusts to fit, well, just about everyone. So save the S, M and L for when you're buying a new t-shirt, not an ergonomic task chair.

**Every stage of the Leap chair's life has been considered.** We worked with McDonough Braungart Design Chemistry (MBDC), selecting only materials that assesed safe for human and environmental health. Leap is up to **94% recyclable** and has undergone a complete Lifecycle Assessment, evaluating the chair's lifelong impact on the environment — from materials extraction through production, shipping, use, and end of life.

Leap is available as a **Cradle to Cradle℠ Silver** certified product and also has **Indoor Advantage™ certification** from Scientific Certification Systems as being a low emitting product.

**Life Cycle Assessment**




**Environmental effects evaluated for the Life Cycle Assessment of the Leap chair.**

**Global warming**
Greenhouse gas emissions can lead to an increase in global temperature. Steelcase works to reduce GHG emissions throughout its manufacturing and transportaion processes.

**Acidification**
Reduction in emissions also helps reduce the acidity of rain, other precipitation, lakes and streams.

**Eutrophication**
This is the naturally occurring degradation of aquatic ecosystems, often accelerated by human activities. Wastewater discharges and fertilizer run off contaminating marine ecosystems with excessive nitrogen and phosphorus nutrients are common causes. Reducing emissions like nitrogen oxide can help slow eutrophication.

**Photochemical smog**
VOCs (volatile organic compounds) are virtually eliminated in Leap manufacturing, helping to reduce this kind of pollution.

**Abiotic resource depletion**
This is the depletion of non-renewable resources like metal and oil. Because Leap contains recycled content, it uses far fewer raw materials than many comparable chairs.

**Waste**
Recyclable, Leap contributes virtually no waste at the end of its useful life. Low-waste packaging and efficient shipping reduce waste even more.

**Toxic emissions**
Leap contains no mercury, PVCs, asbestos, CFCs, PBBs, HCFCs or methylene chloride. Leap is certified as a low emitting product for formaldehyde and other chemicals of concern. Steelcase uses a low VOC manufacturing process for the Leap chair.

When your Leap chair is no longer useful to you, the **Steelcase Environmental Partnership** program will help you responsibly take it to the next phase in its lifecycle — be it resale, refurbishing, charitable donation or recycling.



## Sitting is believing.

**17.8%**

**The Science Behind the Productivity Increase.**
Leap had been proven in lab tests to provide exceptional fit, movement, and support, but could measurable results be seen with actual humans. Enter the health and productivity study.

The study divided over 200 volunteers into three groups: one group received Leap chairs and ergonomic training, a second group received ergonomic training, and the control group received ergonomic training only after the completion of the study. The group with Leap chairs and training showed a 17.8% productivity increase after one year. Neither of the other groups showed any significant increase in productivity.

**Visit steelcase.com/Leap to read the entire story.**

**Humantech Casestudy**
Ergonomic experts agree that Leap is the best. When Humantech, the largest ergonomics consulting firm in North America, decided to evaluate seating for their move to a new building they evaluated a number of leading task chairs, including the Leap chair.

"We want our personnel to be sitting in the best chair available. It's a practice-what-we-preach idea. We did a thorough evaluation of the leading chairs from four manufacturers. Leap stood out from all the others. For us, it was the clear choice."

*— James Good, President of Humantech Inc., North America's largest ergonomics consulting firm.*

**Healthy seating in the office, on the road, in the air...**
How good is Leap technology? Steelcase partners with other industries to provide Leap seating technology for cars and airplanes.

"Improving customer comfort is a primary goal for us. In our search for the best seating technology, the Leap technology from Steelcase is head and shoulders above the rest. Leap technology promises to improve the flying experience for travelers."

*— B/E Aerospace, Inc., the world's leading manufacturer of cabin interior products for commercial passenger aircraft.*

## A healthier way to sit.

Its back moves as your back moves. Its arms move as your arms move. Its seat moves as your seat moves. It's the first chair that actually changes shape to mimic and support the movement of your spine. Thanks to its advanced technology and extraordinary comfort, the Leap Chair is a proven technology… a healthier way to sit.

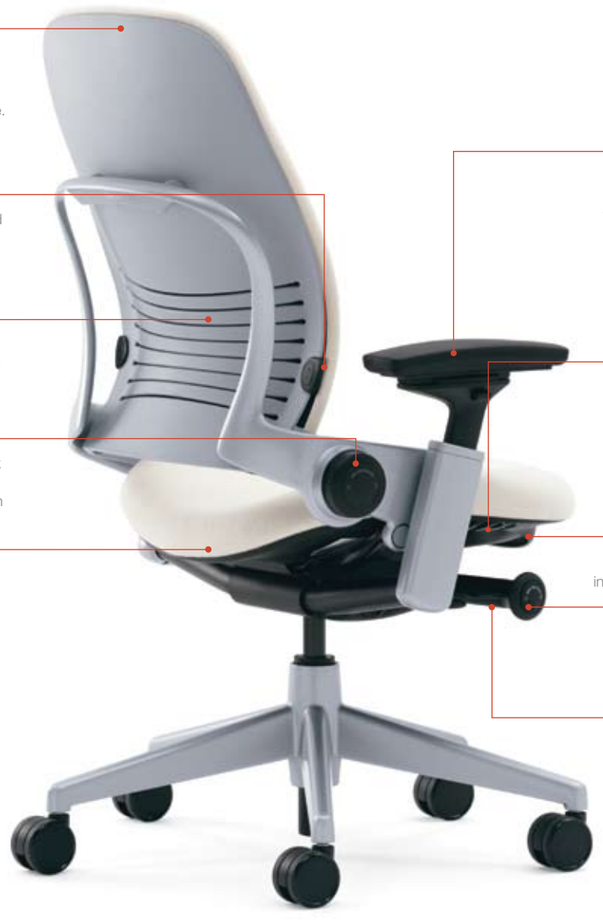
**LiveBack®** The Leap chair's back changes shape to support the entire spine. This can reduce the chance of lower back sag and a hunched posture.

**Adjustable Lumbar** Can be positioned to fit comfortably into the curve of your lower back for additional back support.

**Thermal Comfort** Thanks to slats in both its seat and back, and the special foam it uses, the Leap chair offers excellent breathability.

**Lower Back Firmness** The lower back firmness control enables you to set a constant amount of support to maintain your lower back's natural curve.

**Adjustable Seat Depth** People don't fit neatly into average sizes. Leg and torso lengths can vary independent of a person's overall height. Adjustable seat depth lets different body shapes acheive long-term comfort.



**Height, Width, Pivot, Depth Adjustable Arms** Arms adjust fluidly in four directions so you can find a natural position. No kinks in the wrists, no cocked elbows. The wrists, arms, forearms, shoulders and neck can be properly aligned and supported.

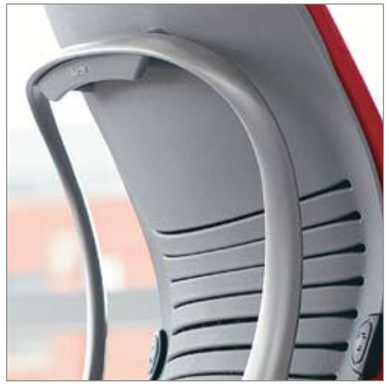
**Natural Glide System™** The Leap chair's seat glides forward so you can recline without leaving your vision and reach zone. This encourages more varied postures so there's less static load on the spine.

**Flexible Seat Edge** Flexes down to increase comfort on the back of the legs.

**Upper Back Force** The upper back force control lets you set the amount of "push back" you desire as you recline.

**Variable Back Stop** Set the recline angle to one of the five positions that supports you the best.

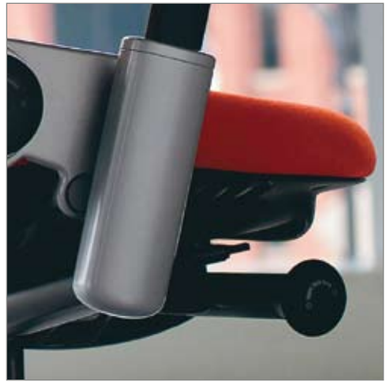




### Movement

Moving throughout the day helps reduce stress on the disks and ligaments of the spine, sends oxygen to your muscles, and increases the blood flow to your brain. Movement is healthy.

Thanks to its LiveBack technology, the Leap chair's back flexes to change shape as your back changes shape. So no matter how you sit your entire back can remain in contact with the chair. It provides stable support and the unrestricted movement necessary to help reduce the stress on your spine. The result? Comfortable back support that follows you as you move, encouraging you to move more frequently.



### Orientation

Changes in posture throughout the day, like reclining, can help you stay healthy and more comfortable. But you're less likely to recline if it means you have to strain your eyes or neck to see the computer screen or stretch your arms to reach the keyboard. You need a chair that allows you to comfortably work while you recline.

With its patented Natural Glide System, the Leap chair's seat fluidly glides forward as you recline so you can easily recline yet stay close to your work. And instead of rising when you recline, the front of the seat stays level, increasing the comfort on the back of your legs. Go ahead and recline while you work, Leap's got your back.

### Fit

Your body is unique, but your chair is the same as the person's next to you. You need a chair with clearly labeled and easy to use adjustments that allow you to intuitively adjust the chair to fit your body, so you don't have to adjust your body to fit to the chair.

The Leap chair was designed to fit greater than 90% of the population and support users up to 300 pounds. It provides a broad range of adjustments including separate controls for Lower Back Firmness and Upper Back Force, as your upper and lower back require different amounts and types of support. It also offers adjustable arm rests that move in four directions, a 3" adjustable seat depth, and a five position Variable Back Stop – so you can easily adjust your chair to fit you comfortably for the entire day.

# Leap®

**Limited Statement of Line**

Work Chair

Stool

Work Chair
with Headrest

Leap WorkLounge

Ottoman/Table

# Options

**Upholstery options**

Standard upholstery

3D-Knit

Sewn Upholstery

**Arms**

Fully Adjustable arms

Height Adjustable arms

Armless

# Dimensions and range of adjustability:

| | | |
|---|---|---|
| **Overall Depth** | | 21.75" to 24.75" |
| **Overall Width** | | 27" |
| **Overall Height** | **Chair** | 38.5" to 43.5" |
| | **Stool** | 46" to 54" |
| **Seat Height** | **Chair** | 15.5" to 20.5" |
| | **Stool** | 22" to 30" |
| Adjust for different statures | | |
| **Seat Depth Adjustment** | | 15.75" to 18.75" |
| Adjust for different leg lengths | | |
| **Seat Width** | | 19.25" |
| Ample seat width accomodates different body sizes | | |
| **Lumbar Height from Seat** | | 5.25" to 10.25" |
| Adjustable height lumbar support | | |
| **Back Height from Seat** | | 25" |
| Back provides ample support | | |
| **Back Width** | | 18" |
| Ample back width accomodates different body sizes | | |
| **Recline Angle** | | 96° to 120° |
| Range of chair's recline angle | | |
| **Arm Height from Seat** | | 7" to 11" |
| Adjust to support different arm lengths | | |
| **Distance between Armrest** | | 12.75" to 20" |
| Adjust for different torso widths | | |
| **Armcap Pivot Range** | | 30° |
| Ability to slide entire armrest in, and then pivot arms | | |
| **Armcap Depth Adjustment** | | 3" |
| Ability to get close to work | | |

**Frame finishes**

Black 6205

Midnight 6259

Platinum 6249

Polished Aluminum

Standard on WorkLounge,
optional on Leap

## Love how you work.®

We spend a lot of time thinking about **work** and **you**. We thought we'd add a couple more to the mix: "how" and "love." Love? Yes. Love. We're passionate about helping people create spaces they love to work in.

We pay a lot of attention to **how** people work, it's where our insights come from… and that insight is built into everything we do.

We believe you should **love** where and how you work. You spend far too much time there not to. We're also committed to working very hard so that you love working with us.

Whether you design spaces, manage spaces or work in them, our goal is to make your job easier… to help you **love how you work.**

Love how you work.®

Steelcase®

Call 800.333.9939 or visit steelcase.com