

*Liberty*

 **humanoffice**®

 Humanscale®



Liberty, with Form-Sensing Mesh Technology, is unlike any mesh chair you've seen or experienced. With its tri-panel construction, Liberty has the body-fitting contours that single-panel stretch mesh chairs simply can't achieve. And it offers perfect lumbar support and balanced recline for everyone, without external devices or manual adjustments.



**Designed by Niels Diffrient**

Niels Diffrient's designs are grounded in the philosophy of form flowing from function. His work has spanned generations, consistently looking past trends to reinvent the tools we use for daily living. Diffrient channels his knowledge of engineering, architecture, and human factors into the creation of highly functional and aesthetically timeless designs.

*Liberty*<sup>™</sup>





"Back in the 1960s Niels asked, 'Why can't furniture fit like a suit?' I've been fascinated by that question for years, and wanted to see how the concept would work. Now I see it in the Liberty chair! When you look at the tailored stitching you immediately see that Niels' inspiration is the tailored shirt—beautiful, simple, functional. That's industrial design at its best."

—Susan S. Szenasy, Editor-in-Chief, *Metropolis*, June 2004



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## Office Seating

Liberty's mesh back is formed by combining three panels of low-stretch mesh in the same way a tailor combines multiple pieces of material to form a shirt. So its contours are custom-made to both fit and support the human body in unprecedented comfort. Combined with its automatic weight-sensitive recline, Liberty has set a new bar for performance, simplicity, elegance and comfort.

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## Liberty's Features and Innovations

### 1 Self-Adjusting Recline

- Intelligent counter-balance recline mechanism automatically provides the right amount of support through the full range of recline motion, regardless of user size and weight
- No tension springs to adjust
- No recline locks to set/release
- During recline, the angle between torso and legs opens up for better body function
- User maintains near constant eye level during recline

### 2 Pivoting Backrest

- Extra motion of the backrest during recline automatically adjusts to the changing needs of the spine
- Provides additional lumbar support as needed

### 3 Form-Sensing Mesh Back

- Tri-panel, low-stretch mesh construction creates body-fitting contours and self-adjusting lumbar support for a customized fit
- No external lumbar devices to adjust, break or lose
- Low-abrasion mesh protects clothing
- Modular for easy replacement

### 4 Contoured Seat Cushion

- Carefully sculpted to match body contours
- Increased contact area reduces pressure points
- Modular for easy replacement

### 5 Armrest Options

- Adjustable or Fixed Armrests connect to the backrest instead of the seat so they stay with the body during recline

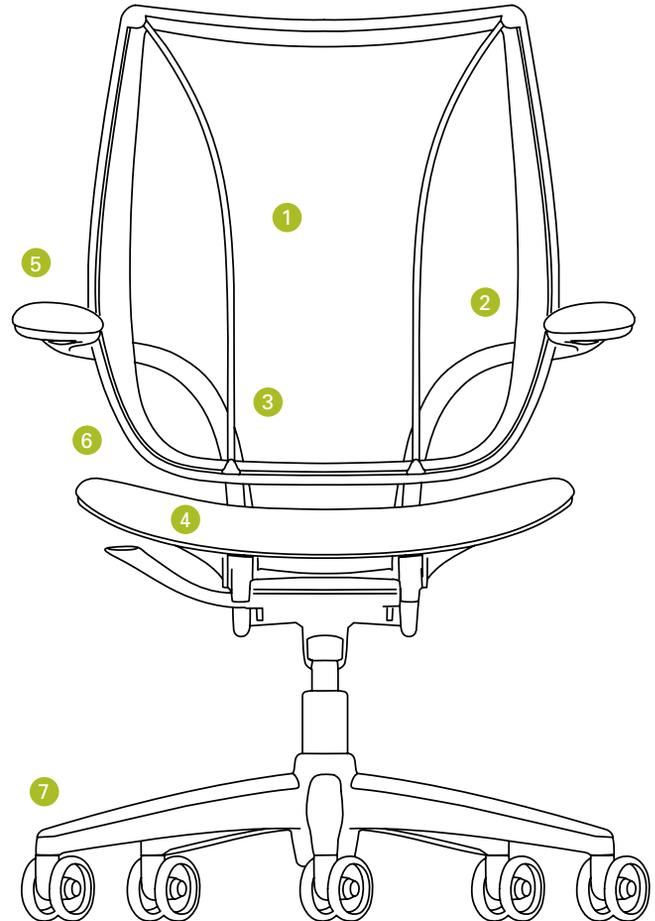
### 6 Body Fit

- Size adjustable to fit over 95% of the population
- Automatic adjustments
  - Weight-sensitive recline
  - Form-sensing lumbar support
- Manual adjustments
  - Optional Height-Adjustable Armrests
  - Seat Height
  - Seat Depth

### 7

#### Casters

- 3" dual-surface casters roll easily on carpeted floors and quietly on hard floors



Liberty's automatic fit and ease of use make it the perfect choice for conference room seating, where every occupant will feel comfortable and supported without having to worry about adjustments.







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### Side Seating

Designed to complement the features and styling of the Liberty office chair, the side chair offers beauty, performance and unprecedented comfort in its class. Its backrest features Liberty's exclusive Form-Sensing Mesh Technology for perfect fit and support. The backrest pivots for additional comfort, and the seat has a frameless front edge that is both supportive, yet soft.

# Liberty and the Environment



Humanscale is committed to environmental sustainability and continually strives to design, engineer and manufacture products that—compared to others in the same class—consume less of the Earth’s limited resources. This is accomplished by creating products that:

- Weigh less, requiring less raw materials
- Use fewer parts and manufacturing processes
- Contain a high percentage of recycled content
- Contain a high percentage of recyclable content



Wherever possible, Humanscale uses aluminum as its material of choice. Our aluminum is 100% recycled and recyclable. It never degrades, so it can be reused over and over again. And because recyclers are paid a premium for aluminum scrap, we believe that the aluminum in our products will almost surely be recycled when the time comes. Using aluminum usually costs us more than plastics or other alternatives, but our products are better for it. And so is the environment.



The Liberty chair is a great example of Humanscale’s environmental purpose.

- Made predominantly of aluminum, followed by plastic and steel
- Contains 54% recycled content (32% post-consumer, 22% post-industrial)
- 93% recyclable
- Weighs only 27 lbs.
- Designed for easy disassembly
- Ships in 40% recycled packaging, or blanket-wrapped when feasible
- Greenguard Certified

## LEED® Credit

The Liberty chair can help a project earn points toward LEED-CI Certification in the following areas:

Credit 4.1 (1 Point) – Recycled Content (10%)

Credit 4.2 (1 Point) – Recycled Content (20%)

Credit 4.5 (1 Point) – Low-emitting Materials (*Liberty is Greenguard Certified*)

Credit 5.1 (1 Point) – Regionally manufactured within 500 miles of Piscataway, NJ

Proud Supporter of:



This brochure is printed in the USA on Utopia One X, paper certified by Smartwood as a well-managed source of wood products whose forest management practices adhere to strict environmental and socioeconomic standards in accordance with the criteria of the Forest Stewardship Council (FSC). Smartwood is a program of the Rainforest Alliance.





## Revolutionary Mesh

Liberty's translucent mesh textiles were designed by Elizabeth Whelan to provide optimal ergonomic support and comfort by melding strength, flexibility and resiliency. They surpass the performance criteria for contract seating textiles and meet a variety of environmental standards in both the U.S. and Europe. They have a pleasing hand that is gentle to the touch. In fact, these mesh offerings were specifically designed to be gentle on your clothes as well.



*Elizabeth Whelan,  
Textile Designer*

**I.D.**

2005 Annual  
Design Review  
Winner

## Center Frame Construction

Liberty's mesh is attached to the backrest frame by being secured in a channel in the center of the frame. In this way, the frame protects the mesh from impacts and abrasions.

## Mesh Colors and Patterns

### Monofilament Stripe



Amber



Atlantic



Black



Carbon

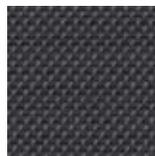


Green

### Torque



Aluminum



Black



Lagoon

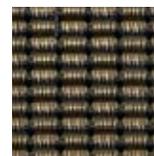


Soleil

### Silver Check



Sapphire



Topaz



Ruby



Alloy

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## The Critics Have Spoken

“Beautiful, simple, functional...industrial design at its best.”

—Susan S. Szenasy, Editor-in-Chief, **Metropolis**, June 2004

“With its graceful curved arms and no-nonsense design...Liberty is one of the most beautiful office chairs ever created.”

—**The Grand Rapids Press**, June 2004

“Humanscale’s new Liberty side chair by Niels Diffrient is the best adaptation of an ergonomic work chair into a side chair that we have seen, and one of the few that looks like it was meant to be.”

—**Officeinsight**, June 20, 2005

“Dynamic in looks and performance.”

—**Buildings Magazine**, “Editors’ Choice, Top 100 Products,” December 2004

“The best new gear of the year.”

—**Men’s Journal**, September 2004

“I can’t say enough about this chair. Liberty is as functional as it is elegant. This sit is the bomb.”

—**Slate**, December 6, 2005

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## Liberty Awards



A highly ergonomic work environment is built around four primary tools—task chair, articulating keyboard/mouse support, adjustable monitor arm and task light—that work together to improve the health and comfort of computer users. The absence of any one of these four tools may impact the ergonomic benefits of the others, whereas additional components can further improve the workstation’s ergonomics. To better understand how the ergonomics leader can dramatically improve your workday with the right assessments, tools and training, contact your Humanscale representative.



Location: Decker Design, New York

**Our Design Philosophy:** *At Humanscale, we believe the best designs in the world are based on purpose and function. If a design solves a functional problem as simply and elegantly as possible, the resulting form will be honest and timeless.*



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Recognized by I.D. Magazine as one of the 10 “Best Companies” worldwide that help push design forward.