



HUMANSCALE AND THE ENVIRONMENT

At Humanscale, we believe good design achieves more with less. In other words, performance and sustainability are not mutually exclusive, but rather, complementary outcomes of good design. By striving for simpler, more elegant design solutions, Humanscale excels in developing products that—compared to others in the same class—consume less of the Earth’s limited resources.

This is accomplished by creating designs that:

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

Whenever 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.

Wildlife Conservation

In addition to supporting sustainability through superior design, Humanscale is a major contributor to and maintains an active partnership with World Wildlife Fund, the largest conservation organization in the world.

Eastern Cambodia

In partnership with WWF and the Cambodian government, Humanscale has committed \$750,000 to fund patrols in the Phnom Prich Wildlife Sanctuary and in the corridor that links the sanctuary to the adjacent Monduliri Protection Forest—a contiguous area of 1,472,000 acres—to protect this ecologically rich wilderness from loggers and poachers. This effort will benefit tigers, leopards, Asian elephants, wild water buffalo and many other species indigenous to Eastern Cambodia. More importantly, it will help ensure that this ecologically rich region will be protected for future generations.

Faces in the Wild

Since 2000, Humanscale's annual Faces in the Wild art event and fundraiser has raised more than \$350,000, including matching donations by Humanscale, for wildlife protection. Every year, Humanscale invites artists from around the world to donate original animal-inspired artwork for live and silent auctions.

Environmental Product Summaries

All Humanscale products meet or exceed environmental laws and regulations.

Seating

Freedom

- Made predominantly of aluminum, followed by steel and plastic
- Contains 62% recycled content; 90% recyclable
- At 35 lbs., weighs far less than other chairs in the same class
- Consists of 132 parts (comparable chairs contain up to 250 parts)
- Modular cushions for easy replacement
- Designed for easy disassembly
- Greenguard Certified

Freedom Saddle

- Contains 59% recycled content
- Modular cushion for easy replacement
- Designed for easy disassembly
- Greenguard Certified

Liberty

- Made predominantly of aluminum, followed by plastic and steel
- Contains 54% recycled content; 93% recyclable
- Modular cushion for easy replacement
- At 27 lbs., it's the lightest chair in its class
- Designed for easy disassembly
- Greenguard Certified

Liberty Side Chair

- Made predominantly of aluminum
- Contains 85% recycled content; 99% recyclable
- Designed for easy disassembly
- Greenguard Certified

Environmental Product Summaries

Cinto

- Made of steel and polypropylene with an elastomer belt
- 100% recyclable
- Weighs just 13 lbs. with fixed arms; 12 lbs. when armless
- Features quick, easy disassembly
- Easily replaceable components
- Humanscale will assist the owner to ensure Cinto is recycled properly

Textiles

- Weave, finish, dye and stain resistant processes used in textile manufacturing are carried out in environmentally friendly ways; e.g., water used in dyeing and finishing goes through a cleansing process so that it can be reused

Mesh Collection

Including Monofilament Stripe, Silver Check and Torque

- Contains recyclable polyester yarns
- Mesh maintains foam cushion's functional and performance features but utilizes far less material
- Monofilament Stripe and Torque meet the stringent Blue Sign environmental standard

Sensuede

- Contains 88% polyester and 12% polyurethane, and is made of more than 50% recycled polyester microfibers

Bridget Stripe

- Made of 78% merino wool, a highly renewable material

Squiggle

- Made of 100% recycled polyester

Environmental Product Summaries

Ergo Tools

Access Rail

- Made predominantly of aluminum
- Contains 97% recycled content, including 68% post-consumer and 29% pre-consumer recycled content

CPU600

- Made predominantly of aluminum
- Contains 51% recycled content by weight; 100% recyclable

Foot Machines

- FM500 legs made of aluminum
- FM100 frame made of steel

Keyboard Systems

Including the 2G, 4G and 5G

- Mechanisms contain 30% recycled steel and are 98% recyclable
- Gel palm supports made of non-toxic Technogel, which produces negligible emissions

L2 Notebook Manager

- Made of steel, polypropylene and ABS
- 98% recyclable

Monitor Arms

- M7 and M4 Flat Panel Monitor Arms made predominantly of aluminum
- M7 contains 90% recycled content; M4 contains 67% recycled content
- 100% recyclable

NeatLinks

- Made of 50% recycled, 100% recyclable ABS

Environmental Product Summaries

Task Lighting

Diffrient Lights

- Made predominantly of aluminum
- Contain up to 90% recycled and 90% recyclable content
- Promote low energy consumption and a more energy-efficient office overall
- Cool compact fluorescent light source reduces need for air conditioning
- UL/cUL/CE certified

Diffrient Task Light

- Accepts 26W (100W equivalent) compact fluorescent bulbs for extended 10,000 hour bulb life
- Employs electronic or high-efficiency magnetic ballast

Diffrient Work Light II

- Accepts latest-generation 26W compact fluorescent bulbs, which use one-fifth the energy of comparable incandescent bulbs and last eight times longer

Humanscale Healthcare

T5 Point-of-Care Technology Cart

- Contains 50% recycled content; 95% recyclable
- Quick-charging internal power system stays cool, provides eight hours of continuous use between chargings

V3 Wall Station

- Contains 75% recycled content; 95% recyclable
- Features aluminum castings and extrusions; also contains steel, ABS, stainless steel, delrin and bronze

LEED® Credit

Virtually all Humanscale products can help a project achieve LEED-CI certification in a number of areas, including a valuable Innovation in Design credit. With help from Humanscale, the U.S. Green Building Council set a precedent for achieving this credit in their Platinum-certified headquarters with the implementation of a comprehensive ergonomics program. Contact Humanscale for step-by-step guidance on developing a successful ergonomics initiative, and additional information on earning any of the LEED-CI credits detailed here.

| Innovation & Design Process | |
|--|--|
| ID Credit 1.1 – 1.4 Innovation in Design | Any Humanscale products may be included as part of a comprehensive ergonomics strategy. Contact Humanscale for guidance. |
| Materials & Resources | |
| MR Credit 2.1 Construction Waste Management, 50% | Freedom Seating Liberty Seating Cinto Seating Keyboard Systems |
| MR Credit 2.2 Construction Waste Management, 75% | Freedom Seating Liberty Seating Cinto Seating Keyboard Systems |
| MR Credit 3.3 Resource Reuse | Freedom Seating Liberty Seating Cinto Seating M4 & M7 Monitor Arms without Gas Cylinders CPU Holders Keyboard Systems |
| MR Credit 4.1 Recycled Content, 10% | Freedom Seating Liberty Seating Cinto Seating Diffrient Light M4 & M7 Monitor Arms CPU Holders Keyboard Systems |
| MR Credit 4.2 Recycled Content, 20% | Freedom Seating Liberty Seating Cinto Seating Diffrient Light M4 & M7 Monitor Arms CPU Holders Keyboard Systems |
| MR Credit 5.1 Regional Materials, 20% <i>Must be delivered within 500 miles of Piscataway, NJ</i> | Freedom Seating Liberty Seating Cinto Seating Keyboard Systems Diffrient Light M4 & M7 Monitor Arms Keyboard Systems |

LEED® Credit

| Environmental Quality | |
|---|--|
| EQ Credit 4.5 Low-Emitting Materials | Freedom Seating (Greenguard Certified) Liberty Seating (Greenguard Certified) Cinto Seating (Greenguard Certified) |
| EQ Credit 6.1 Controllability of Systems, Lighting | Diffrient Light |
| Energy & Atmosphere | |
| EA Credit 1.1 Optimize Energy Performance, Lighting Power | Diffrient Light and use of compact fluorescent technology |

Eco-Conscious Shipping

All Humanscale products ship blanket-wrapped whenever possible or in 85% recycled packaging. Products also ship in bulk to reduce packaging waste and allow more items to fit on delivery trucks, limiting emissions and the use of fossil fuels.

Recycled Content

| Product | Recycled Content | LEED Recycled Content Post-Consumer + ½ Pre-Consumer |
|---|---------------------------------------|---|
| Freedom Chair | 43% Post-Consumer 19% Pre-Consumer | 53% |
| Freedom Saddle | 41% Post-Consumer 18% Pre-Consumer | 50% |
| Liberty Chair | 32% Post-Consumer 22% Pre-Consumer | 43% |
| Liberty Side Chair | 49% Post-Consumer 36% Pre-Consumer | 67% |
| Cinto | 15% Post-Consumer 11% Pre-Consumer | 21% |
| M4 Monitor Arm | 47% Post-Consumer 20% Pre-Consumer | 57% |
| M7 Monitor Arm | 63% Post-Consumer 27% Pre-Consumer | 77% |
| Keyboard Systems | 15% Post-Consumer 10% Pre-Consumer | 20% |
| CPU600 | 34% Post-Consumer 17% Pre-Consumer | 43% |
| CPU555 CPU450 CPU300 CPU Dolly | 21% Post-Consumer 9% Pre-Consumer | 26% |
| Diffrient Light with Base | 63% Post-Consumer 27% Pre-Consumer | 77% |
| NeatLinks | 50% Post-Consumer 0% Pre-Consumer | 50% |

