



orangebox



**Employers and employees alike, we're all striving for the same thing;**

# productivity & satisfaction

**from our work lives,** for our work to be creative, valued and rewarding.

**The key, we think, lies in a simple but mostly untaught skill; the ability to go from**

## **talk to action**

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**to perfect the art of 'doing'.** Becoming an expert do-er is simple enough, it's a habit we can all master given the right frame of mind and the very best work tools.

# let's start with the why

When you've got something really great to shout about, **it's all too easy to rush to the what**, without setting out the why. So here's our why, our compass if you like, the things we believe in.



Design team 'manifesto'...

- Chairs should be comfortable!
- Make it well, make it work and make it last
- People come in all shapes & sizes
- Detail really matters
- 'Stuff' is hard to come by, so use it wisely
- Think about what you eat ☺
- Simple is good (though rarely easy)
- Local is important
- Bad ideas are great compost for good ideas
- Work hard and be nice to people





more  
from  
less

Global population growth, resource depletion and climate change affect us all. Their influence increases year on year and the design thinking of all our products and services has to reflect this. So we've worked hard to do more with **less material, fewer parts & fewer product miles** than ever before.

## recipe - task chair with arms

serves: **pretty much everyone**

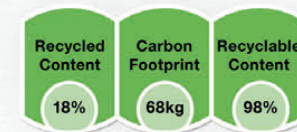
preparation time: **6 mins**

cooking time: **20 sec at 120°C** (to tension the mesh)

assembly time: **9 mins**

### ingredients:

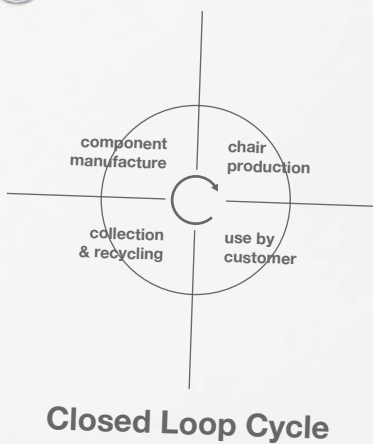
- 5750g nylon
- 3600g steel (typical recycled content around 35%)
- 2950g polypropylene
- 890g aluminium (typical recycled content around 95%)
- 650g CMHR foam (seat cushion)
- 427g TPU (plastic)
- 110g POM (plastic)
- 10g recycled foam (inside arm pads)
- 7g natural rubber
- add fabric to taste



**25%  
LESS FAT**

No matter how good your products are, there comes a time when their first useful **life comes to an end**. Our aim is to do all we can to promote closed loop cycles of use for all the materials we've used.

**Design for disassembly**, material identifiers on all parts and a comprehensive recycling service are all steps we've taken to help us get the most from the resources invested in our chairs.



**Orangebox products are designed and built in the UK  
and local manufacturing is important to us.**

So in order to stay competitive with labour rates further a field, we need to ensure our chairs are easy and quick to assemble, whilst still delivering the very best quality and performance. This has meant us taking a completely fresh look at task chair design and what can be done to re-invent simple.

# invent simple

**We've looked at every component and asked ourselves - why ?**

(does it have to be there in the first place) until everything unnecessary has gone.

**We've looked at every part and asked ourselves - how ?**

(can we make it lighter, stiffer, stronger) until every gram has a purpose.

**And we've looked at every interface and said - what if ?**

(we changed that) until it couldn't be easier to use and to build.

The result is a chair with real invention; in the materials we've utilised, in the way it is assembled & transported, and in the performance it delivers.







**greater adaptability**  
means a better fit for more people

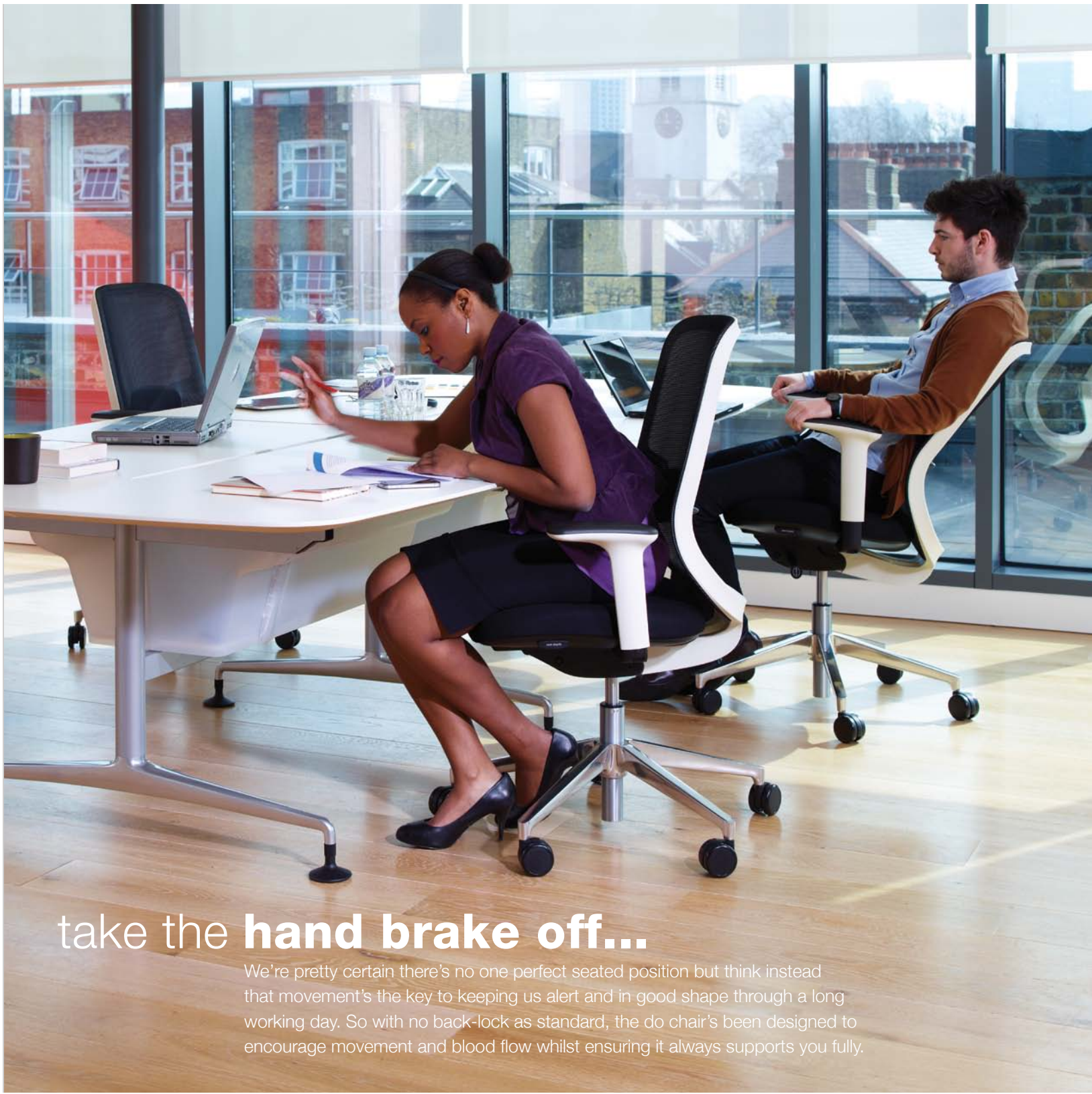
**fewer controls means it's**  
**easier to use**

do **human**

**It goes without saying that people come in all shapes and sizes,**

and with shared work-spaces becoming increasingly common, the need for simple, adaptable seating is more important than ever. So while we've increased the range of adjustment we can offer, we've also simplified how it's delivered.





## take the **hand brake off...**

We're pretty certain there's no one perfect seated position but think instead that movement's the key to keeping us alert and in good shape through a long working day. So with no back-lock as standard, the do chair's been designed to encourage movement and blood flow whilst ensuring it always supports you fully.

## user-centered design

means there's **no longer a multitude of knobs and levers** to find and interpret, this makes the chair easier to use and a cleaner design.

Both the **technical and upholstered mesh textiles adapt to each user's body shape** to always provide great back support. The single skin mesh allows better temperature control and breathe-ability than a traditional upholstered back.

Because we know that **good lumbar support is an important factor in delivering great comfort**, we've included this as standard. Our flexible lumbar pad has 100mm of adjustment and is easy to reach and to operate when you're sat in the chair.

The seat controls are intuitive & simple; **if it moves the seat, then it's on the seat**, with height adjustment on one side and depth adjustment on the other.

The **weight balancing mechanism automatically adapts to any size of user**, taking away the need for the usual tension adjustment & complicated chair 'set-up'. The optional travel limiter allows back recline to three different angles but ensures that the back can only ever be locked in the upright position.



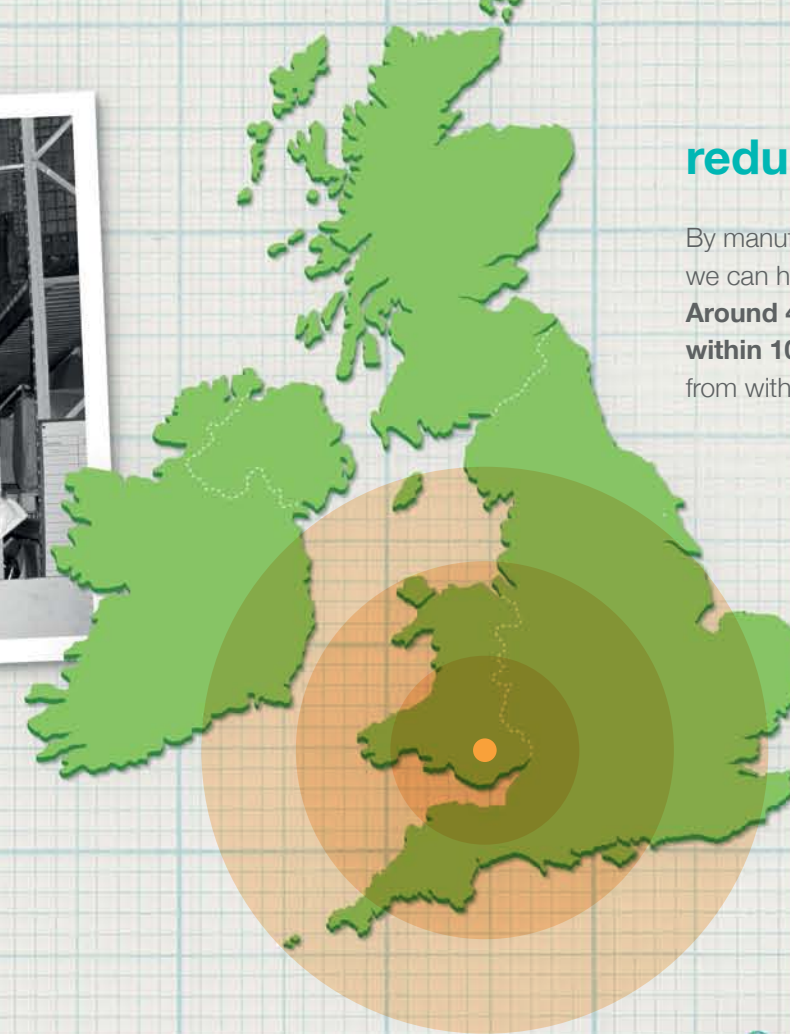
# better by miles



Transportation accounts for one of our most significant **environmental impacts**, so we're doing all we can to make our supply chain as efficient as possible.

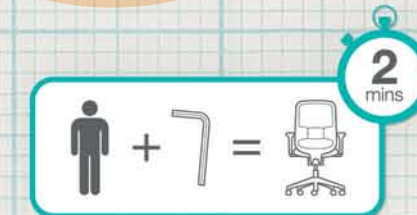
## chair transportation

Orangebox chairs are delivered by our own fleet of vehicles. We actively measure & optimise vehicle utilisation and our sophisticated route planning & scheduling software helps **maximise fuel economy**. All our trailers have interiors adapted to suit the transportation of furniture with features such as double deck flooring to help maximise load capacity.



## reducing product miles

By manufacturing component parts locally whenever possible, we can help reduce the chair's environmental impact. **Around 45% of the chair's component parts are manufactured within 10 miles of our factory** in South Wales and over 90% come from within mainland Europe.



## box clever

By simplifying the chair's design and assembly, we are able to offer additional packaging solutions which can reduce both transportation impact and delivery costs. A partially assembled chair can be **shipped in around half the size** of a typical chair box. Just like making a cup of tea, the final chair assembly can be completed in less than 2 minutes and with just one simple tool (an Allen key that is, not a tea-spoon).





# workday

cantilever / 4 leg / conference / lite work



# do choices

**We all know that the best work places are more than just an efficient place to do work.**

Real productivity comes when we're truly comfortable in our environment and that's as much about how we feel as it is about the tools we have around us.

**And because every workplace is different, the colours and finishes we offer**

allow you to define a personality for the chair that works for your design scheme.





do-HB  
W660/D660/H970mm



do-HBH  
W660/D660/H1180mm



do-HBC  
W660/D660/H1240mm



do-HBA  
W660/D660/H970mm



do-HBHA  
W660/D660/H1180mm



do-HBCA  
W660/D660/H1240mm



black outer frame



black height adjustable arm



black multi-adjustable arm with black arm support



black multi-adjustable arm with polished arm support



technical mesh



stone outer frame



stone height adjustable arm



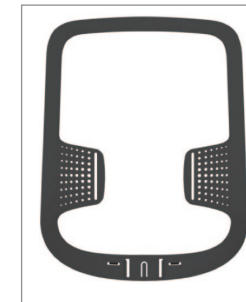
stone multi-adjustable arm with black arm support



stone multi-adjustable arm with polished arm support



upholstery mesh



black



grey



white



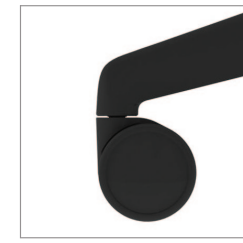
stone



leaf



black nylon base with 50mm castor



black nylon base with 65mm castor



polished aluminium base with 65mm castor

Chair range designed to conform to the following British, European & American Standards.

BS EN 1335 - 1 : 2000

Part 1 – Dimensions, determination of dimensions  
Part 2 – Safety requirements  
Part 3 – Test methods

BS 5459 – 2 : 2000 & A2 2008

Specification for Performance Requirements and Tests for Office Furniture.

ANSI / BIFMA X5.1 – 2011  
BIFMA G1 – 2011

American National Standard for Office Furniture Ergonomics Guideline for Visual Display Terminal Furniture used in Office Spaces

BS EN ISO 9241-5:1999

Ergonomic requirements for office work with visual display terminals (VDTs). Workstation layout and postural requirements

## STANDARD PRODUCT SPECIFICATION

Weight balancing synchronous mechanism (no back lock)  
26" black nylon base (with black gas lift)  
65mm castors  
Sliding seat (76mm of travel)  
Adjustable lumbar pad (100mm of travel)

## OPTIONS

Mechanism with travel limiter / back lock  
Polished aluminium base (with 65mm castor & brushed steel gas lift)  
50mm castor (for nylon base)  
Multi-adjustable arms (aluminium arm support)  
Width adjustment on arms (std & multi-adjustable)  
Luxury upholstery  
Glides

## VITAL STATISTICS

User weight range: 50kg to 150kg  
Seat height (task): 405mm to 535mm  
Seat height (counter): 680mm to 940mm  
Seat depth adjustment: 76mm  
Seat cushion width: 520mm  
Seat cushion depth: 470mm  
Lumbar height adj: 100mm  
Effective seat depth: 400mm to 476mm (lumbar point to front of seat foam)

Height adjustable arm (standard)  
Arm height adjustment: 100mm  
Arm width adjustment: 35mm (option)

Multi-adjustable arm (option)  
Arm height adjustment: 70mm  
Arm width adjustment: 35mm (option)  
Arm-pad rotation: 180 deg (with auto safety lock)

# orangebox

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