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i-sit

DESIGNED BY RALF UMLAND



the designer Ralf Umland.



1959 born Troidorf (Cologne/Bonn)

1987 qualified in Industrial Design at the Bergischen Universität Gesamthochschule Wuppertal.

1988 Product Development Manager, Design and Marketing at Selectra Werk Bank - und Kasseneinrichtungen, Arnsberg.

1993 Project management of Product Development and Design at König + Neurath Büromöbel-Systeme Karben.

1996 Product Development and Design Manager at Viasit Bürositzmöbel, Neunkirchen.

2004 Founded design company, Ralf Umland Design, Product Design and Development.

National and international design awards.

Teaching: Lectures at the Saar Academy of Fine Arts, Saarbrücken and at the Hochschule Coburg, Design Faculty, Integrated Product Design.

From the very beginning Ralf and his team concentrated on successfully blending advanced ergonomic principles with sublime good looks.

No easy task given that their brief also stipulated that the product had to be positioned in an aggressively priced market segment.

Undeterred and drawing upon their vast collective experience they identified a 'basic modular principal' for the chair. The resultant universal frame for the chair back avoids multiple components being needed for the upholstered and mesh designs. This principal has been applied across the range and thanks to the universal frame the entire product group follows a clear design line.

"i-sit is a complete family of seating whose modular concept allows users to select a harmonious configuration to suit their needs."

The ergonomic mechanism at the heart of the chair has been designed with sophisticated synchronous technology that responds to your requirements in the fewest adjustments. It is simple and intuitive to operate and ensures enhanced geometry and total comfort at all times.

"I-sit uniquely combines design and innovation, in an affordable and economic package making it perfect for all markets and organisations."

We are proud of i-sit and grateful to Ralf and his dedicated team for developing a product family in line with our philosophy for the future of seating.

"it was obvious from the start that the product had to be an all-singing, all-dancing, all-rounder"

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Ralf Umland.



ISIT/UH/4D/PB

ergonomics

i-sit task chairs feature the latest instant adjustment synchronous technology. The modular design allows the easy addition of ergonomically designed arms, headrests and lumbar supports to both mesh and upholstered versions.

Easy to understand icons clearly show the individual function of the controls.

- 1 Maintain a distance between eyes and screen of 500mm to 700mm.
- 2 Keep your shoulders relaxed and not raised.
- 3 Keep your forearms horizontal and elbows bent at an angle slightly in excess of 90°.
- 4 Maintain a distance between knees and desk of 80 to 100mm.
- 5 Avoid pressure to the area behind the knees.
- 6 Keep your legs bent at an angle of between 120° to 90°.
- 7 Keep your feet resting on the floor.
- 8 Let the backrest support your back.
- 9 Adjust the height of the backrest in such a way as to ensure that your pelvis and lumbar region are properly supported.
- 10 Sit firmly against the back with a small gap between the front of the seat pad and the back of your knees.



main chair features



i-sit meeting chair
chrome cantilever base



ISITC/CA/CCF

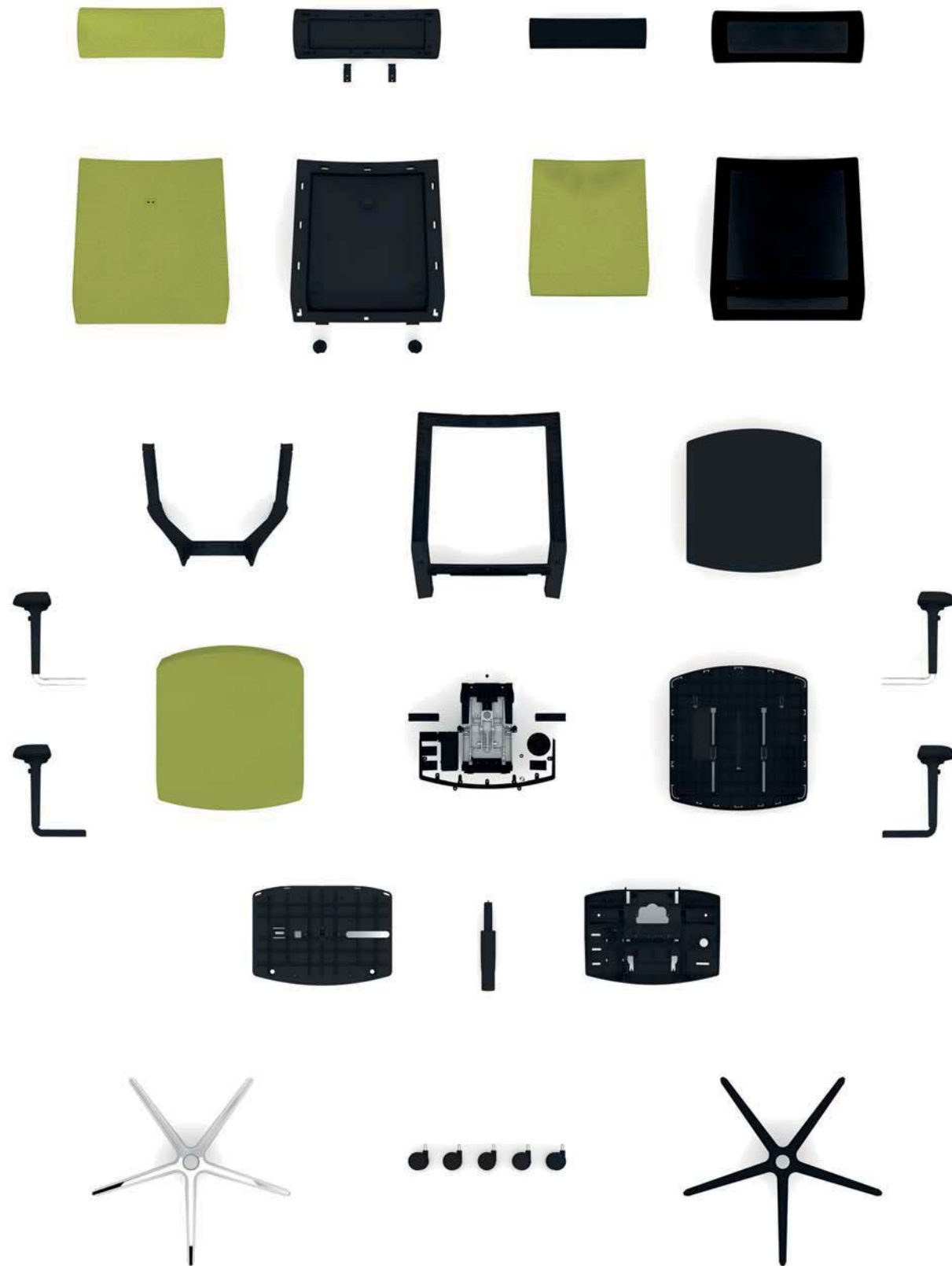
i-sit task chair
upholstered headrest



ISIT/UH/4D/PB
Shown with 'Progress' height adjustable desk

i-sit task chair main components

fabric and mesh chair components



features

i-sit's design is clean, crisp and uncluttered. All of the user controls are well arranged and are located within easy ergonomic reach of the user.

Clearly labelled icons show the individual function of the controls.

- 1 Seat height adjustment.
- 2 Backrest tilt.
- 3 Dynamic forward tilt.
- 4 Seat slide adjustment.
- 5 Tension adjustment.
- 6 Operating instructions.
- 7 Armrest width adjustment.
- 8 Armrest height adjustment.
- 9 Backrest height.
- 10 Lumbar adjustment.



i-sit task chair



ISIT/4D/PB/FIB



ISITM/2D



i-sit product portfolio

arm options



Upholstered Task Chair With Headrest
ISIT/UH/4D/PB



Mesh Task Chair With Mesh Headrest
ISITM/MH/4D/PB



Upholstered Task Chair With Headrest And
Fabric Insert Back
ISIT/UH/4D/PB/FIB



Upholstered Task Chair
ISIT/4D/PB



Mesh Task Chair
ISITM/4D/PB



Fabric Insert Back
ISIT/4D/PB/FIB



Multipurpose Upholstered
Cantilever Chair
ISITC/CA/CCF



Multipurpose Mesh
Cantilever Chair
ISITCM/CA/CCF



Multipurpose Cantilever Chair
Fabric Insert Back
ISITC/CA/CCF/FIB



Multipurpose Upholstered
4 Legged Chair
ISITL/LA/CLF



Multipurpose Mesh
4 Legged Chair
ISITLM/LA/CLF



Multipurpose 4 Legged Chair
Fabric Insert Back
ISITL/LA/CLF/FIB



2D Arm
/2D



4D Arm
/4D

meeting chair
chrome cantilever base



ISITCM/CA/CCF

Scene shown with a 'Linnea boardroom table' with power modules



Mesh backrest.



Black plastic back.



Fabric insert back.



Refined underframe detail.



4 Legged i-sit chairs can be stacked 5 high.



i-sit cantilever chairs can be stacked 5 high.



ISITL/LA/CLF

recyclable content
i-sit can be disassembled for recycling in just 5 minutes

When a recycled material, rather than a raw material is used to make a new product, up to 95.5% of energy can be conserved.

Plastic

96 %		
Material Type	Chair Component	% Recycled After Use
6.29%	Frame Mesh Backrest	100%
7.77%	Frame Upholstered Back	100%
2.03%	Headrest Mesh	100%
2.03%	Headrest Upholstered	100%
0.37%	Simple Lumbar Pad	100%
1.11%	Comfort Lumbar Pad	100%
3.33%	Seat Frame	100%
7.4%	Mechanism	100%
1.48%	Arm Support	100%
0.74%	Arm Support	100%
0.55%	Arm Pads	50%
6.29%	Base	100%
1.48%	Castors	95%

Steel

89%		
Material Type	Chair Component	% Recyled After Use
0.55%	Castor Bolts	95%
5.18%	Arm Irons	95%
1.85%	Mechanism	85%
4.07%	Gas Lift	85%
1.85%	Assembly Material	85%

Aluminium

99%		
Material Type	Chair Component	% Recyled After Use
8.14%	Base	100%
1.85%	Arm Support	100%
9.25%	Headrest	95%

Foam

95%		
Material Type	Chair Component	% Recyled After Use
2.96%	Seat	95%
2.77%	Backrest	95%
0.74%	Headrest	95%

Upholstery

95%		
Material Type	Chair Component	% Recyled After Use
0.4%	Fabric Seat	95%
0.44%	Fabric Back	95%
0.15%	Fabric Headrest	95%
0.55%	Mesh Backrest	95%
0.22%	Mesh Headrest	95%

Packaging

99%		
Material Type	Chair Component	% Recyled After Use
17.04%	Cardboard Carton & Internal	100%
0.44%	Plastic Back	100%
0.19%	Strapping	95%



Recyclability
i-sit is 95.5% recyclable at the 'End Of Life' and can be disassembled in just 5 minutes.



Raw Materials
i-sit is designed to contain the minimum material contents possible, the task chair weighs only 18kg. The components used are carefully selected in accordance with environmental standards.



Transport
i-sit is light and requires minimal packaging. Due to this the energy required for transportation is reduced.



24/7 Use
i-sit seating has been designed and certified for 24/7 use.



Production
i-sit is carefully developed to ensure that waste materials, energy consumption and environmental impact are minimised.



Paints
Paints are free of VOC's (Volatile Organic Compounds) and heavy metals.



No CFC's & HFC's
i-sit chair foams are manufactured free of CFC's (Chlorofluorocarbons) and HFC's (Hydrofluorocarbons).



Guarantee
Durable for a long useful life and guaranteed for 5 years 24/7 use.



No Glue
No glues used in the assembly process.

24/7 certified usability
certified ergonomic excellence



seating standards

BS EN 5459-2: 2000+A2:2008	Office seating for use by person weighing upto 150kg and for use upto 24 hours a day.
BS EN 16139:2013	4 legged & cantilever seating, strength, durability and safety requirements.
BS EN 1335-3:2000	Office work chairs safety test methods.
BS EN 15373:2007 level 2	Seating strength, durability and safety. Requirements for non-domestic seating.
BS EN 1022:2005	Seating, determination of stability.
ANSI/BIFMA X5.1-2002	International testing certificate for office chairs. Sections:08,11,13,14,16 and 18.
TUV Eco-Circle 2008	Tested for recyclable content, harmful substances, energy saving & ergonomic design.

certified company standards

BS EN ISO 9001:2008	Quality Management Systems.
BS EN ISO 14001:2004	Environmental Management Systems.
BS OHSAS 18001:2007	Occupational Health & Safety Management System.
FISP (Furniture Industry Sustainability Programme Certification)	As part of our Environmental Policy.

awards

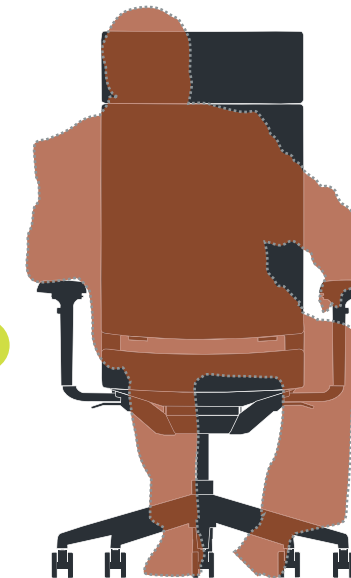
NEOCON	Silver Award Winner 2013 Chicago, USA.
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designed for 95% of the population

i-sit's size and adjustability allows it to fit a broader diversity of sizes and shapes than most task chairs. The chair fits the 5th percentile female through to the 95th percentile male, hence accommodating 95% of the adult population.

one chair fits all

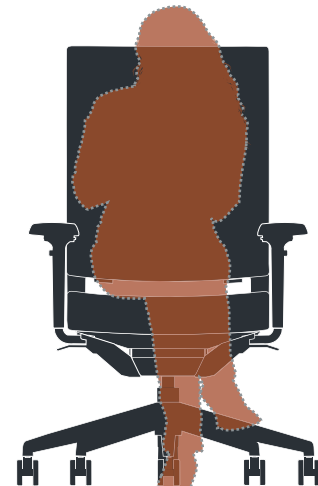
i-sit is designed for all body sizes and weights of up to 150kg



Extendable armrests provide wider seating area for larger and wider body frames.



i-sit chair at normal operating size with headrest.



i-sit chair caters for petite body frames.

