

design made in germany

Wilkhahn

Chassis.



Chassis for work and life.

Design: Stefan Diez



Today, the boundaries between living and working are becoming increasingly blurred. A typical scenario in less formal backdrops where it's all about having a casual chat, trust-building, creativity or inspiration. In this case, design solutions are called for that offer a more personal touch in the working environment and greater professional flair at home. Or in other words, furniture that has been developed for work and life from the very start.

Chassis is a milestone – in both conceptual and technical terms, as well as in the flexibility of its design which allows totally different interpretations. For the first time in furniture history, a sheet steel chair frame has been crafted with cutting-edge technologies from auto engineering. An organic shape has been fashioned that fuses with the seat shell to become a distinctive whole. Chassis is a multi-purpose chair that has won many awards. Depending on the version chosen it cuts an impressive dash in working and living environments: in studios, meeting rooms, cafeterias or workshops, in showrooms or dining rooms, hotels or conference areas. Take a seat and travel to the world of Chassis.



reddot design award
best of the best 2011

DESIGN PLUS



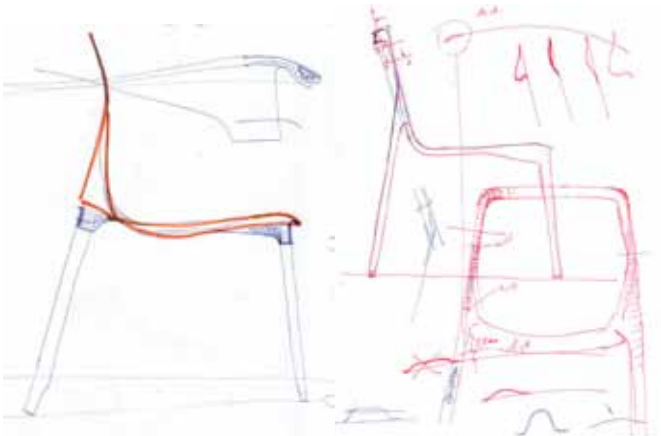




Automotive progress meets chair design.

The designer's idea was the beginning of the story. His objective was to create a new masterpiece: like a stylish leather bicycle saddle, the chair was to combine stability and technical precision with a contoured shape. Something for people to sit on that never loses its fascination. A chair that is lightweight and comfortable, ergonomic and easy to get hold of.

These visions led to new manufacturing technologies taken from auto engineering. With persuasiveness and tenacity the idea gradually began to take shape. The first prototypes were welded together from 11 hand-made components. The form was complex and the radii were small. One of the toughest challenges was also to achieve maximum strength with a minimum of steel.





In the production process, an industrial press forms and stretches the pre-cut fine-steel metal at 300 tonnes of pressure to make the seat and backrest frame. Factors including the geometry, pressure in the press, speed and damping are attuned so that no tears occur to the pre-stamped components during the deep-drawing process. Four laser-cut pieces of metal are incorporated to provide the connecting points. Stability is created



by the formed structure and not the amount of material used – saving raw materials and weight. A robot then welds the frame, connecting points and legs together before powder coating them. The exchangeable seat and backrest shell, made of finely grained polypropylene, is industrial design at its best. It is form-fitted to the frame using a patented, concealed connecting method.







One character – many faces.

The black, white and grey models with colour-matched, through-dyed, easy-care polypropylene shell are top-quality, unadulterated industrial design. But Chassis has even more to offer. With textile-covered shells and additional frame colours it becomes a personalised expression of lifestyles – and a versatile tool that integrates with different interior design concepts.

Options ranging from casual, classic to modern are available. There are 29 combinations to choose from – with three different cover fabrics in five different tones in each case. The exceptional interaction of frame and shell gives the chair many different faces which represent the distinctive character of Chassis.













A variety of combinations.

The fabric and colour combinations were developed with Stefan Diez and fashion designer Farah Ebrahimi and carefully co-ordinated with the frame colours. As a result, every permutation presents an appealing, personalised aesthetic. Maybe you're looking for a different style in conference areas or hotel rooms? Or perhaps you want to create really special interior and show-room concepts? Or maybe combine multiple colour and textural solutions at the conference or dining table? The following pages illustrate all the options open to you ...



Frame/cover combinations:

Textile cover C1

Chassis models with the denim-look cotton cover C1 are modern and cool. The coating colours of the frames are perfectly matched.



C1/10 Anthracite

C1/11 Grey-black

C1/12 Forest brown

C1/13 Beige-grey

C1/14 Red

Frame/cover combinations:

Textile cover C2

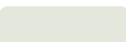
The hard-wearing blended C2 fabric lends Chassis a sophisticated and robust look.



Graphite black



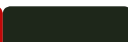
Cement grey



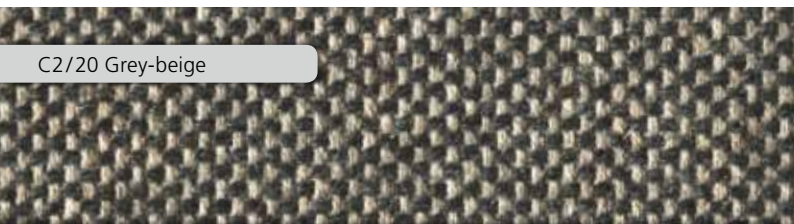
Grey-white



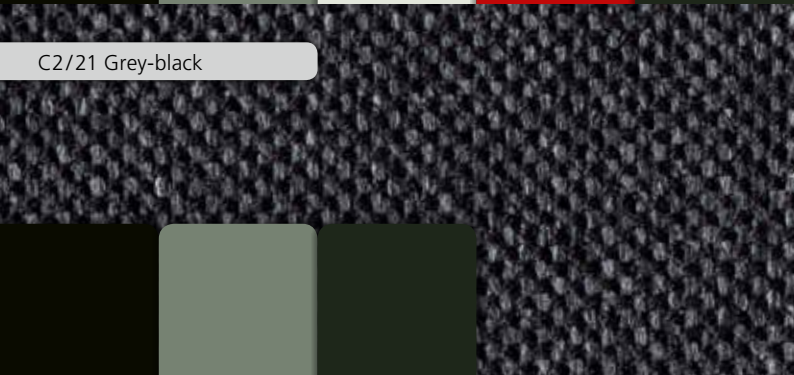
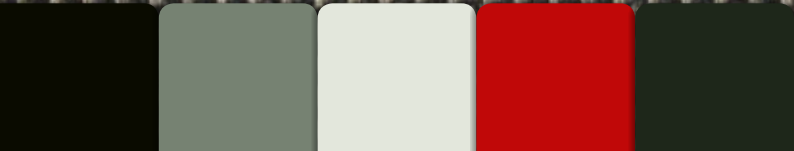
Flame red



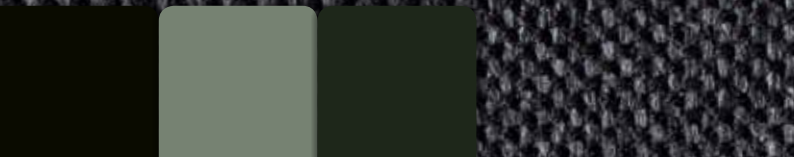
Brown-green

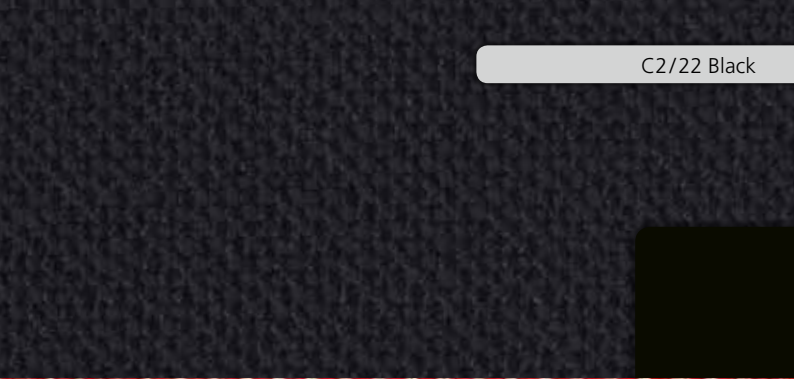


C2/20 Grey-beige




C2/21 Grey-black





C2/22 Black



C2/23 Red-beige



C2/24 Olive-beige

Frame/cover combinations:

Textile cover C3

Chassis has a particularly elegant appeal in the C3 version.
The fine flannel cover gives the chair a classic business suit.



C3/30 Sand



C3/31 Black-grey



C3/32 Light grey

C3/33 Graphite

C3/34 Ruby red

KEN



Technical specifications.

Four-legged, lightweight, multi-purpose chair for conference rooms, informal meeting areas, cafeterias, showrooms, lobbies, hotels or dining rooms. It consists of two materials that are easy to recycle. The frame is made of high-performance steel metal, in graphite black, cement grey, grey-white, flame red or brown-green and is powder coated. The shell is either colour matched with the frame and made of through-dyed polypropylene (graphite black, cement grey, grey-white) or textile-covered polypropylene. The plastic glides are suitable for both hard and soft floorings. Chassis versions with polypropylene shells with no covers can be stacked up to four high.

For environmental product information and certificates go to:
www.wilkhahn.com/chassis



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