CHAIR NO. 113

by:carstenbuhl.com

Wood - another low carbon footprint solution
With the International Panel on Climate Change (IPCC) warning that at least 60 per cent reductions in greenhouse gas emissions will be needed to stabilize emissions at double pre-industrial levels, organizations across a range of industry sectors are now considering where such deep cuts can be achieved at a profit.

Mission
It is Carsten Buhl's mission to contribute to increase the quality of furniture and to preserve our global resources. His commitment to the environment shows in the selection of materials as well as in the manufacturing processes.*1

He believe that the products he designs should be treasured and long lived, so he chose to work with materials both natural and processed, that are gentle to the environment. Sustainability is the keyword.

*1. For instance in measuring the "Process energy requirements (PER)" Material Embodied energy (MJ/Kg), Aluminium 170.0, Plastics 90.0, Steel 34.0, Laminated veneer 11 and Air dried wood 0.5. it is natural to reject most Aluminium, Plastics and perhaps Steel.

Sustainability equals high demands to control and the supply chain.
The woods and veneers he use in the production shall be from companies who practice sustainable forestry and reforestation by only using PEFC/FSC certified raw materials.

The suppliers of paint and lacquer shall be certified for quality and environmental systems under ISO9001:2000 and ISO 14001

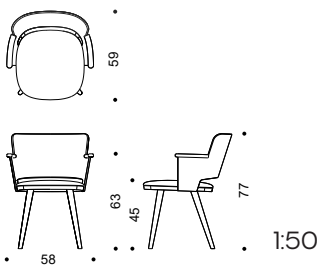
The suppliers of steel tubes fulfills the quality management standard ISO 9001 and the environmental management standard ISO 14001.

The suppliers of platen and chrome surfaces shall work under the EMAS regulation, furthermore they shall comply with the ISO 9001 and the ISO 14001 standards.

The transport and logistics partners shall use ECO friendly trucks to keep CO2 emission as low as possible.

Chair No. 113
Chair no. 113 is an exclusive all-round chair with an extremely comfortable seating comfort. The back is built of a 10 mm molded wooden shell. The seat frame is made of finger-jointed solid wood. The seat upholstery is made of MDI-based Polyurethane foam (PU) to provide the best seating comfort. However, it can also be made of cut foam. * The legs are made of turned wood. The chair can be made of oak, beech or ash.

** OekoTex Certified & Fireproof. All foam qualities and textile materials must be Oeko-Tex standard 100 certified. This is to ensure that they do not contain harmful substances that may affect the user's well-being and health. In addition, the foam must be made of CMHR foam. The foam meets the strictest safety and fire requirements and is categorized BS 5852 crib 5.*



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by:carstenbuhl.com | Løvsangervej 13 | 4300 Holbæk | +45 2045 1335 | mail@carstenbuhl.dk