

# The "Clash 331" chair is designed by Samuli Naamanka and manufactured by "Naamanka"

Clash 331 chair is an outstanding all-purpose chair. Clash 331 is a chair designed for both public spaces and modern homes. The seat section is pressed at one time. Combination of aspen and birch. Solid wood legs are glued directly to the holes in the seat. The seat section is thick in the glue area and no separate structure is required under the seat. The most important thing is to design beautiful and durable objects that last for a long time. Clash 331 facts are: all the components of the chair are made in one city in Lahti. Legs are Finnish certified wood and plywood with Finnish veneer.



## "MURU" is designed by Sari Matikka

MURU BENCH IS PROTEST DESIGN AGAINST WASTE. The whole design process started when I heard that CLT factories have a problem with the excess. They didn't know what to do about it. I wanted to use that waste and make a protest by designing. I also found the surface very beautiful and authenticity. All manufactures should think the hole life cycle when planning the production and work together because someone's waste could be worthy for someone. I also think there is lack of good-designed benches. Muru is a bench designed particularly for homes. It's suitable for e.g. hallways, kitchens, living rooms. You can also use it as a sideboard. I wanted to heighten the CLT -panels beautiful and rough surface. Delicate frame is a nice opposite to a rough surface. I think Nordic Design heritage stands for authenticity, simplicity and functionality, Muru is all of that. Delivery is easy. The board and the frame will be packed separately. And also the assembly is easy even for end user. The bench is one part of the Muru furniture family. Idea is to use tree size of legs and the same CLT board to build a shelf, low sideboard or bench. Briefly what is CLT. CLT (cross laminated timber) is a solid wood construction product consisting of at least three bonded single-layer panels arranged at right angles to each other. The layers are bonded using environmentally-friendly formal- dehydefree adhesives. CLT is used in internal and externes walls and for ceiling and roofs. Another advantage of CLT is its space-saving dimensions. External and internal walls are much thinner than brick walls, more living space in a house made from CLT. Wood is an eco-friendly building product and a responsible choice in the fight against climate change. Solid wood is able to absorb moisture from the ambient air which it then releases again when the air becomes drier. That is why solid wood provides an excellent indoor climate and is the ideal choice for people who attach importance to a healthy and pleasant atmosphere. CLT offers strength and stability, rapid assembly, cost effectiveness and excellent sustainability credentials, have an excellent structural properties and fire protection because CLT has a moisture content of approximately 12%.



# The "Banana Box Chair" chair is designed and manufactured by Rudi Merz

A wooden chair with a timeless style and form and a robust structure. Production requires no expensive investments, only one professional maker. The chair is transported in parts inside a 'banana box', a recycled cardboard box. The chair is easy to assemble: the different parts have a wooden screw mechanism. The chair is sold directly by the maker to the customer. Timeless design as well as the robust and ergonomic structure for comfort in every-day use guarantee a long life cycle for the chair. The materials are sourced locally (please see Rudi Merz – https://www.youtube.com/watch?v=fMpcULQ79u8 about the method) and the carbon footprint of the production is minimal. The product price is kept low by the sales channel being direct between the maker and the consumer. If the demand for the model grows, other makers can also produce the chair - the design will be open source (not protected).



# The "Koipi" chair is designed by Jenni Pehkonen

The purpose was to design and make a nature inspired solid wood chair that is stackable, durable and sustainable. The shape of the chair itself reminds you of our precious nordic nature. Chairs legs have the character of even-toed ungulates for example deers and elks. Material is 100% solid ash. Koipi chair is built with high craftsmanship and it is probably going to last longer than you.



# The "Fello" is designed by Tomi Laukkanen

Fello chair is designed to be a lounge chair. The idea behind the chair was to create a sustainable chair with circular economy in mind. The whole project behind Fello is trying to answer to question of what happens to a huge amount of textile waste that is produced in the world because of fast fashion. The aim was to find clever solutions and new usage for the textile waste and also improve the materials that are currently made from textile waste. The seat of the chair is made entirely from felt that is produced from textile and carpet waste. The frame is made of steel pipe. All the materials of the chair can be collected and recycled to create materials for new ones.