

# Wakufuru

Acoustic furniture in solid wood



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It all started with a curious thought - can wood furniture be given acoustic properties? Wood as a material, always contributes with a natural warmth in public spaces and interiors. I wanted to find out if wood furniture also could reflect some of the sound atmosphere found in forests.

From the very beginning the sketches were based on a design that focuses on Glimakras long tradition of wood production and acoustic knowledge. Our new furniture is a result of solid furniture craftsmanship, advanced wood technology and a great attention to acoustics.

Wakufuru is a family of furniture with a informal character that suits perfect for gatherings. Furthermore, they effectively attenuates sound, even though it is not visible. Wakufuru offers acoustic management in the gap between expected and conventional solutions.

The furniture's consistent corner solution makes them easy to combine in various constellations and groups. All Wakufuru furniture has identical corners, what separates a table from a bench - is actually only the length of the legs.

The acoustic secret lays in the design creating a volume inside the furniture. Under each piece of furniture, several material layers are concealed that effectively interact with the furniture without being visible.

DESIGN JOHAN KAUPPI



WHERE DESIGN AND ACOUSTICS COME TOGETHER





TABLE AND BENCHES WITH CUSHION



TABLE AND BENCHES WITH CUSHION





REPEATED TABLES

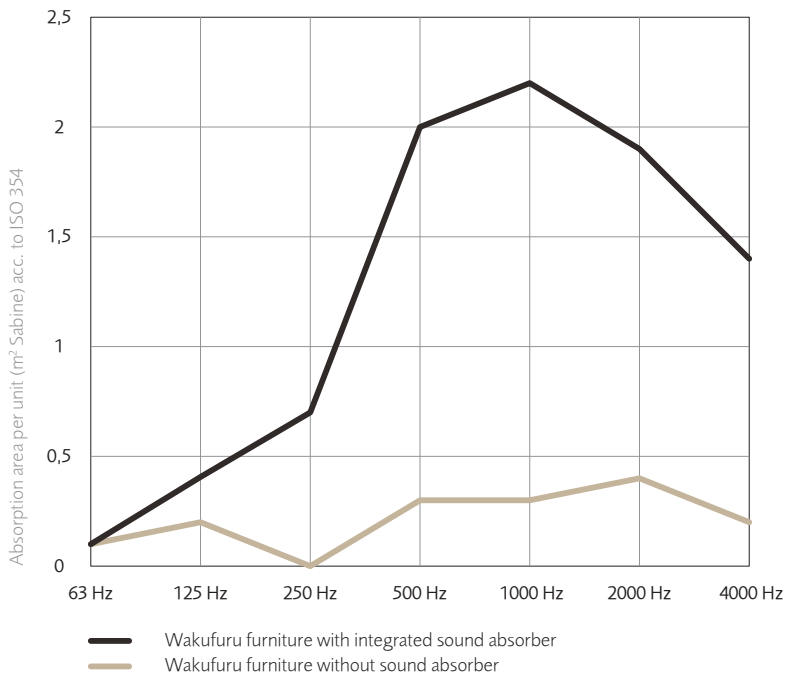


REPETED SEATING ISLANDS

FURNITURE GROUP WITH 2.3 m² SOUND ABSORPTION



## Wood design & Sound comfort



Wooden furniture is always helpful to distribute sound in order to minimize annoying reflections in rooms. However they are not always considered as good sound absorbers. Until now!

Glimakra of Sweden have developed a unique furniture group not only in terms of design, but also acoustics. By using the open space under the table tops and benches an efficient hidden acoustic solution is created.

In the diagram above, curves are shown representing measurement data, with and without sound absorption under the furniture. The visual impression of the furniture are the same in both cases - but the acoustic characteristics changes dramatically when sound absorption is integrated.

KLAS HAGBERG, HEAD OF ACOUSTICS  
WSP ACOUSTICS, SWEDEN



THE ABSORBERS ARE HIDDEN UNDERNEATH

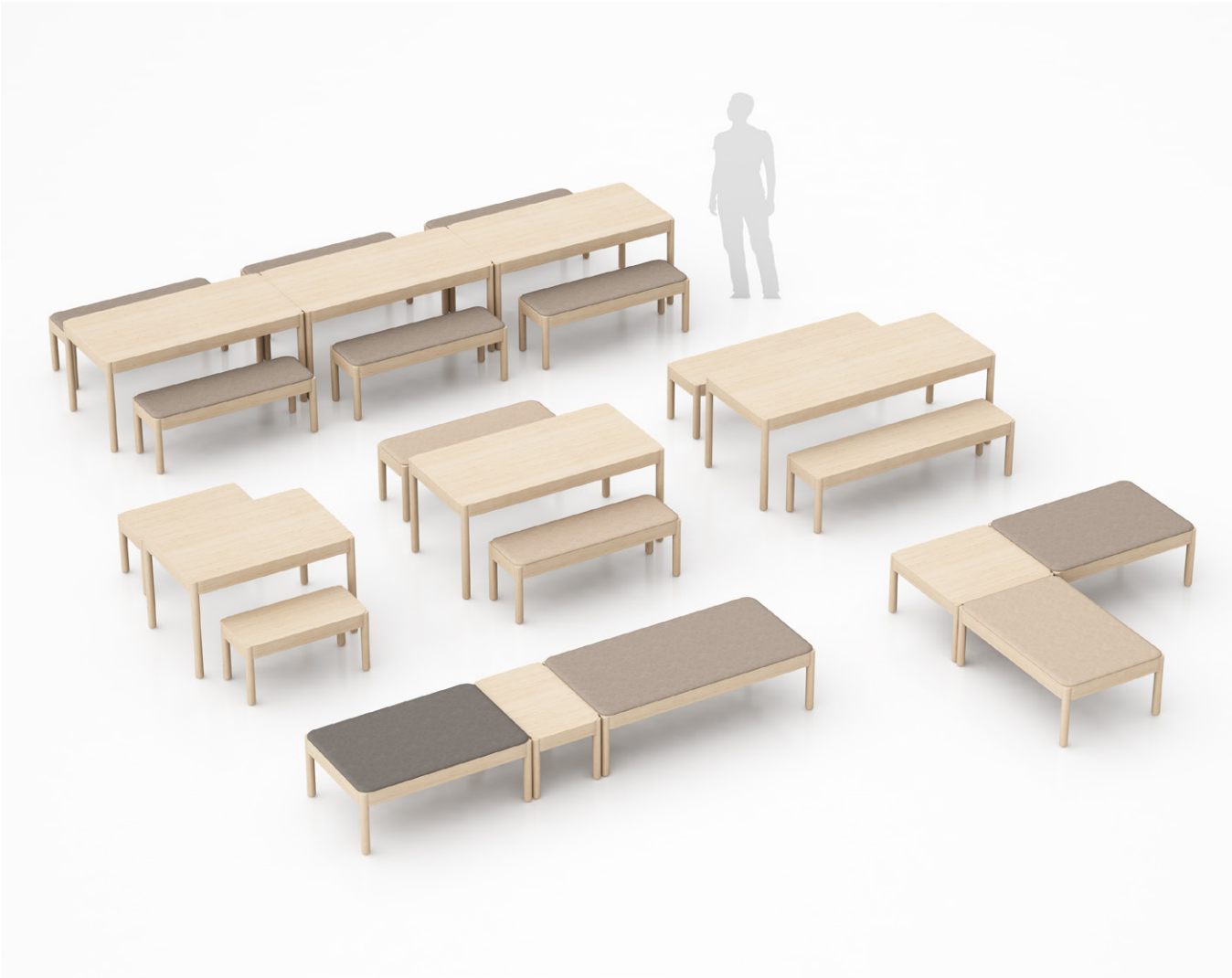


# System

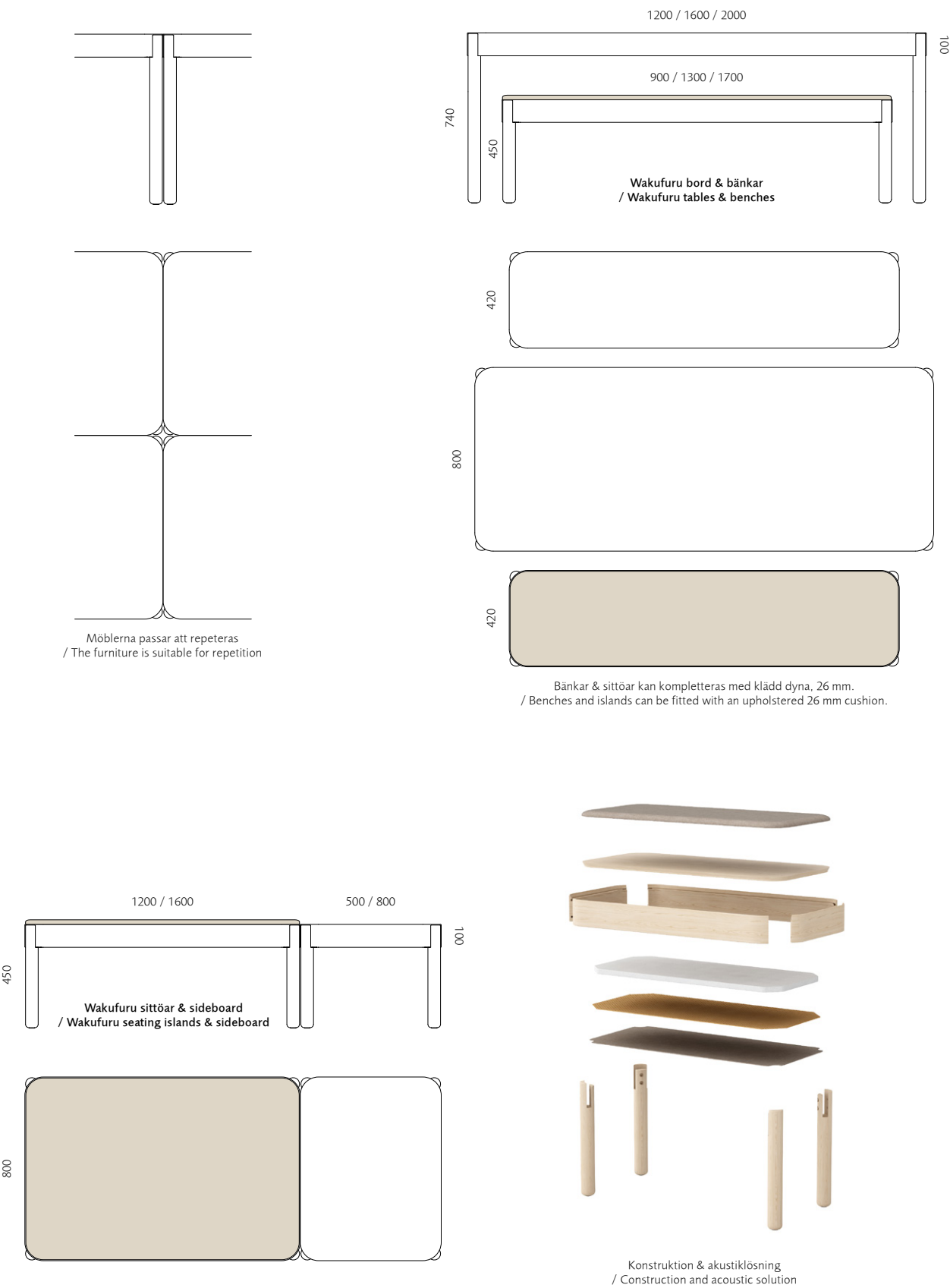
Rounded tables, benches and islands in ash wood. Massive frames recessed into round wooden legs. Furniture tops in veneered MDF. All parts coated with water based varnish. Benches and islands can be fitted with an upholstered seat cushion with anti-slip mat.

Underneath a hidden acoustic solution in three layers consisting of felt, perforated board and foam that interacts with a optimal air gap, which together create an effective sound absorption.

Wakufuru meets the requirements for environment and social responsibility defined by Möbelfakta.



WAKUFURU OVERVIEW





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[www.glimakra.com](http://www.glimakra.com)

