

# Product Design Portfolio

Max Heinrich Karl Haubold





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# ReDesigning the Simson S51

We redesigned and electrified the classic Simson S51 from the east German cold war era. Our goal was to keep the simplistic construction, the easy and agile driving style and yet give it a modern core and futuristic look. The main body panel, which consists of one continuous piece of aluminium, wraps around the frame from three sides. In the back, underneath the seat, a drawer can be pulled out where all sorts of things can be hidden away. The batteries are accessible for charging and maintenance through hatches on either side of the vehicle. Slotted holes offer a modular mounting system for a variety of attachments such as bags and other transportation solutions.

2022 (mit Sven Fischbach und Simon Morgenstern)  
Semester 6, Freies Projekt, Prof. Andreas Mühlenberend







***1980***



***2022***







# Camera Slider

By using this camera slider, the user can create smooth movements in videos and create interesting camera motion. The camera slider consists of a robust 3D printed housing and a precise linear unit that allows the camera to move smoothly along a track. The DIY camera slider is designed as an open source project, so anyone can recreate their own high-quality camera slider.

2023  
Semester 7, Tools & Toys for Filmmaking,  
Prof. Andreas Mühlenberend



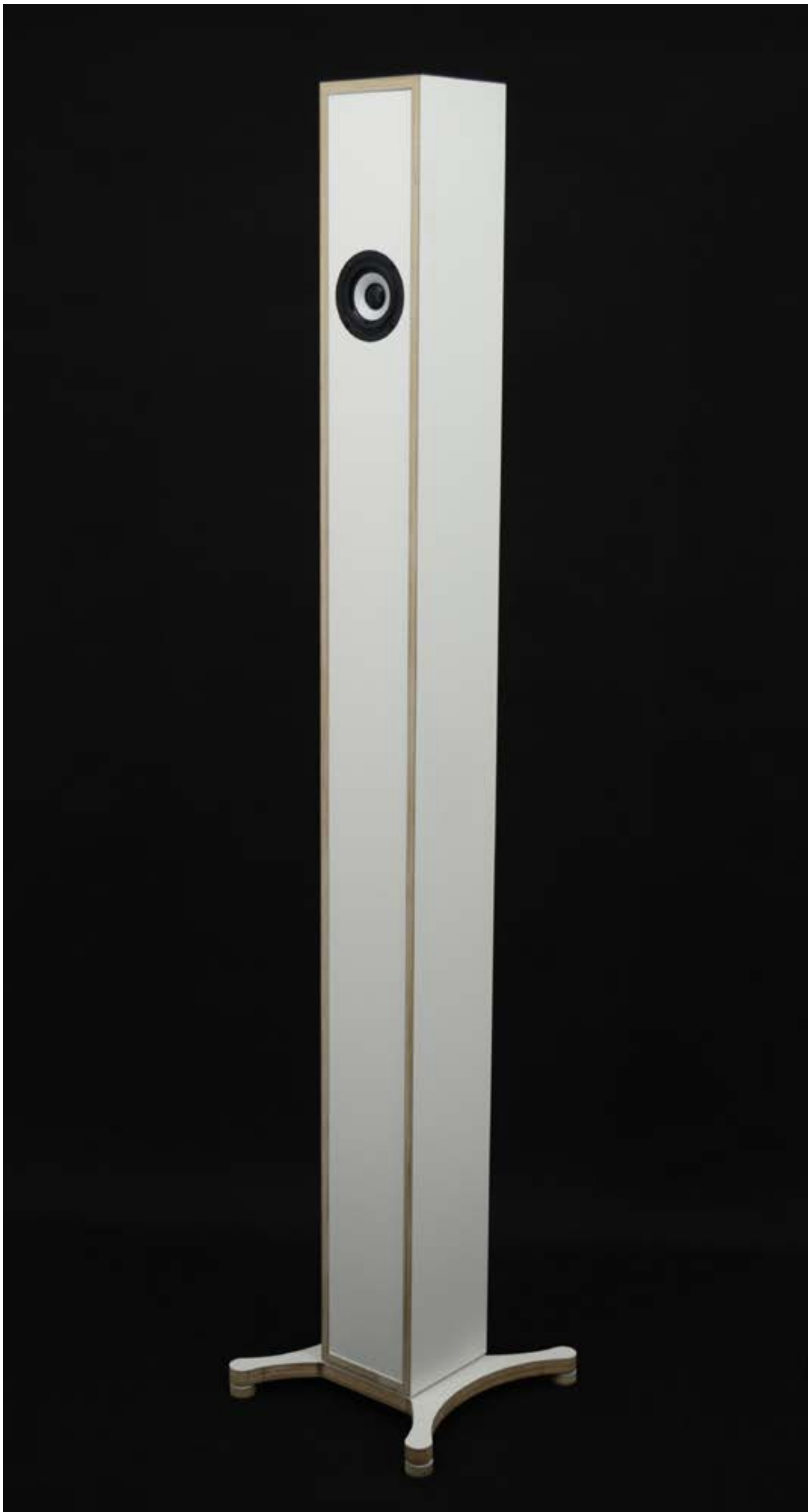




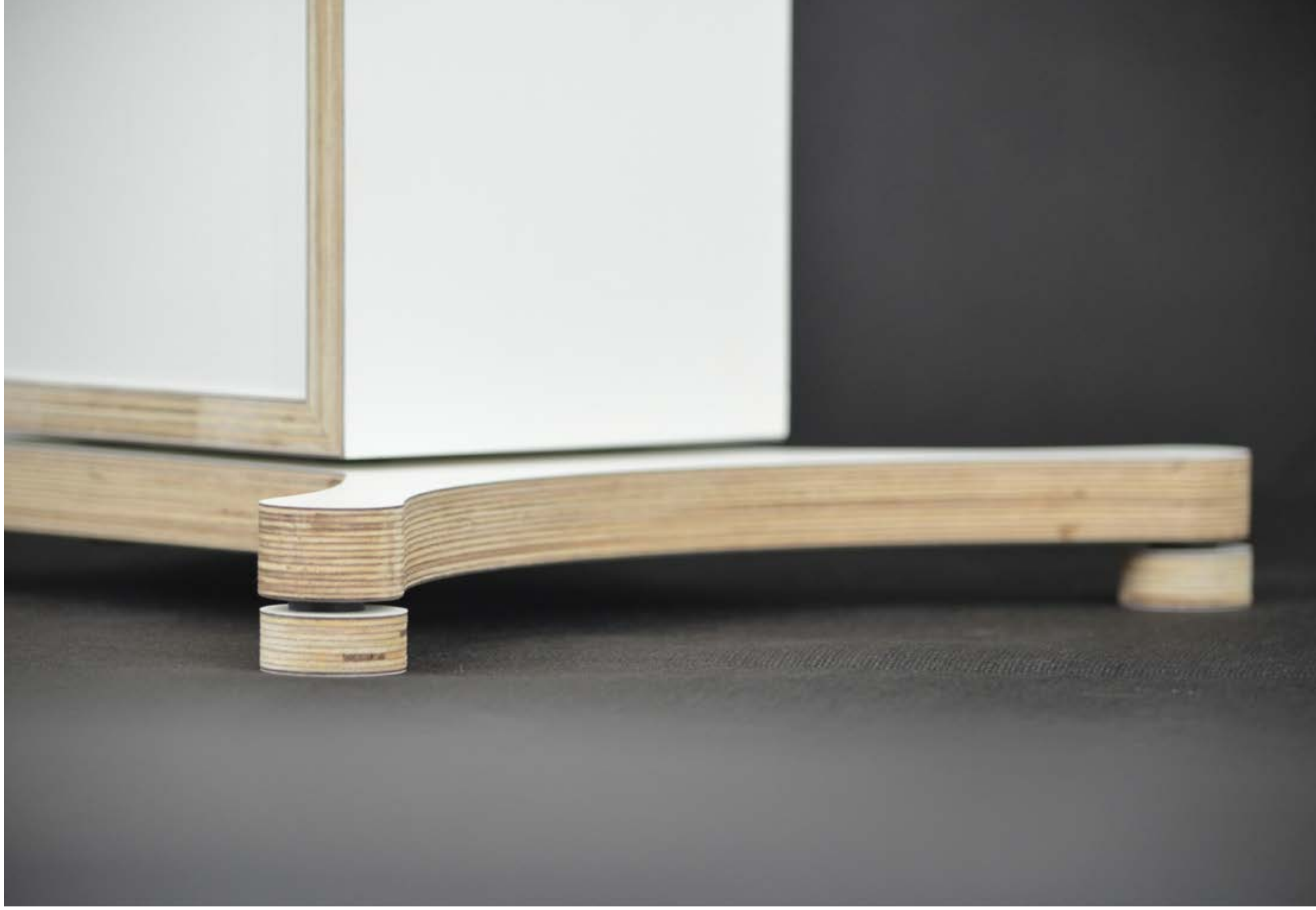
# Lancetta

According to the specifications of enclosure volumes, this speaker enclosure was developed in such a way that it can only be manufactured from one panel. All components are glued together after the panel has been machined using a 4-axis CNC milling machine. Only the base is made from a different blank due to varying material thickness. The speaker has a height of 150cm.

2019  
Variant GmbH









# Belt On

The CNC optimised Table fits on trees, streetsigns or other poles.  
It creates a movable communication area in your city.

2020/21

Semester 3, „Great Good Place“, Prof. Wolfgang Sattler









# Drunter & Drüber

A modern workstation should invite you to work and allow for multiple positions and postures. The light, organic design is divided into a lower work surface (for working while sitting) and an upper surface (for standing while working). As the piece of furniture has no feet, its appearance also creates a greater sense of space.

2020

Semester 2, „Home Sweet Work“, Katrin Krupka & Susann Paduch









# Shelf Paula

Paula is an elegant piece of furniture that conceals many of its functions. It can be assembled without any tools and apart from the boards and the surrounding strap, no other parts are needed. For a move, simply pack the shelf into a „sandwich“ and re-string it. All parts are designed so that none of them can fall out. By hooking the protruding strap into the foot of the shelf, you get a large carrying strap with which you can shoulder the whole bundle. #

2021  
Semester 4, „Without Blinkers“, Prof. Gerit Babtist & Sarah Böttger













# Exhibition- service

Based on a Booth construction System it is possible to build the right booth for all kind of companys everywhere in the world.The construction system is fully reusable, so no waste is created. The service consists everything from planing, graphics, hand ou material, shipping assembly and storage off al materials. By planing the whole booth with an eye on design, existing material, logistic, assembly and cost, the view works its way from the general to the detail.

MedVo Messebau GmbH

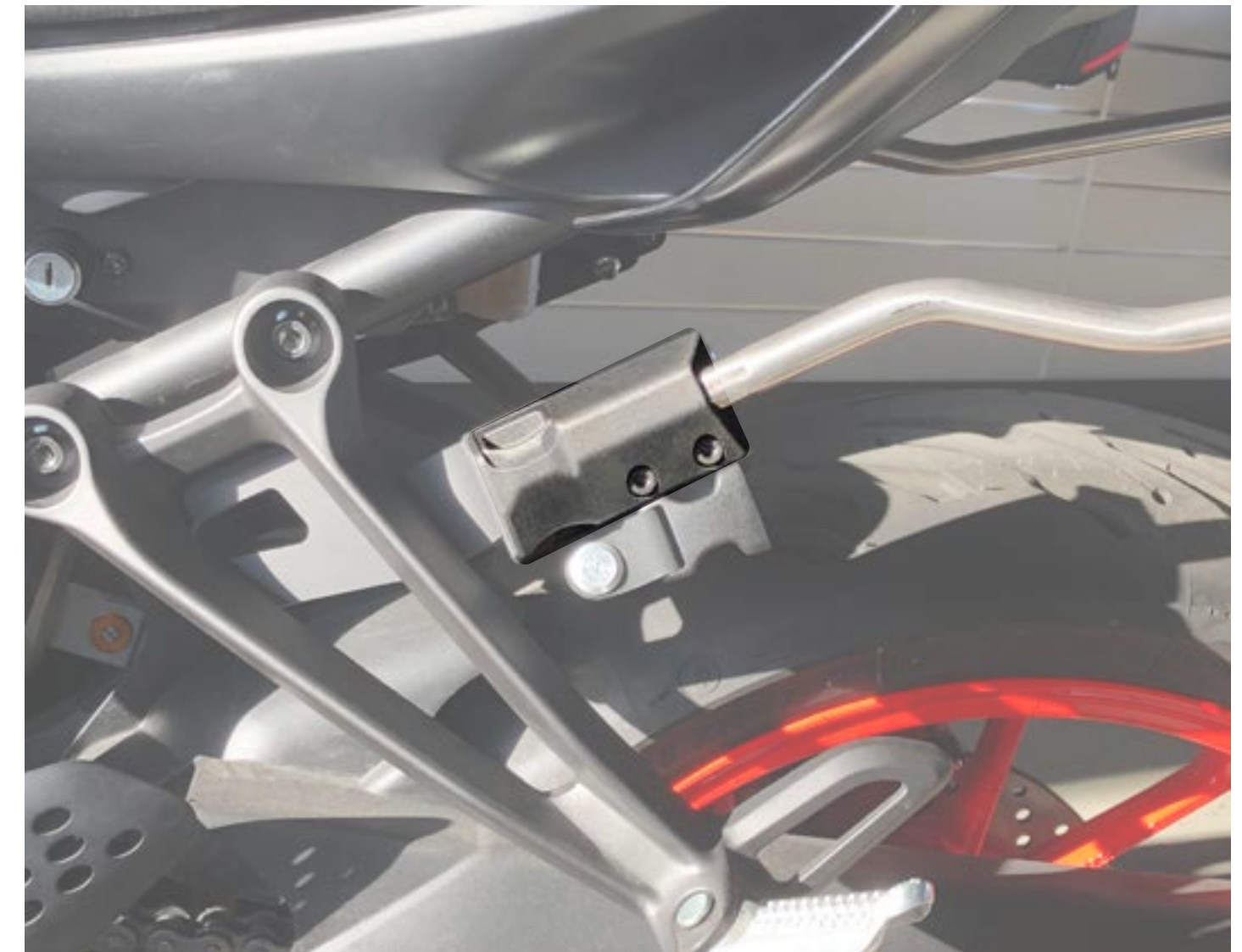




# Quick connector for saddlebag support arm

After 10 years on the market the Quick connector of the „BLAZE“ system needed an update. The mission of this part is to prevent the motorcycle saddlebags to swing into the rear wheel. The system features mounting arms that quickly attach and detach, only barely visible mounting brackets left in place. BLAZE look perfect on sport and naked bikes and are as convenient to use as hard cases on touring bikes. The quick connector is designed to fit every motorcycle on the market.

Mould injection part, springloaded.  
2022 for SW-MOTECH GmbH & Co. KG









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