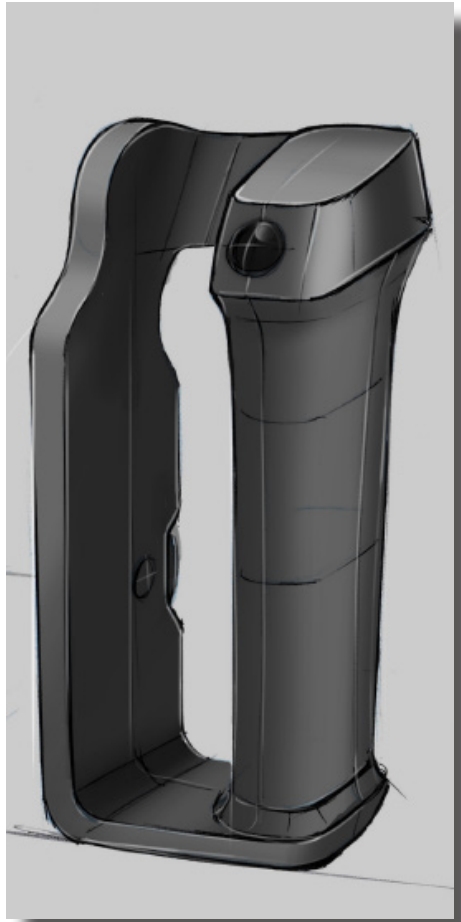
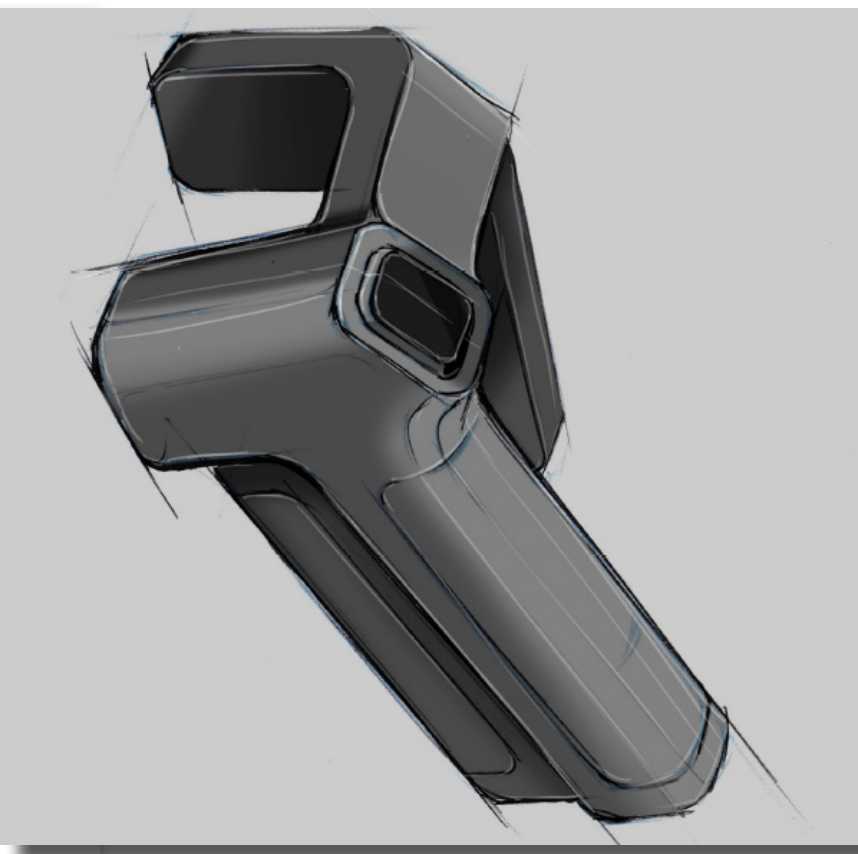


KENNET BJØRN NIELSEN

PORTFOLIO





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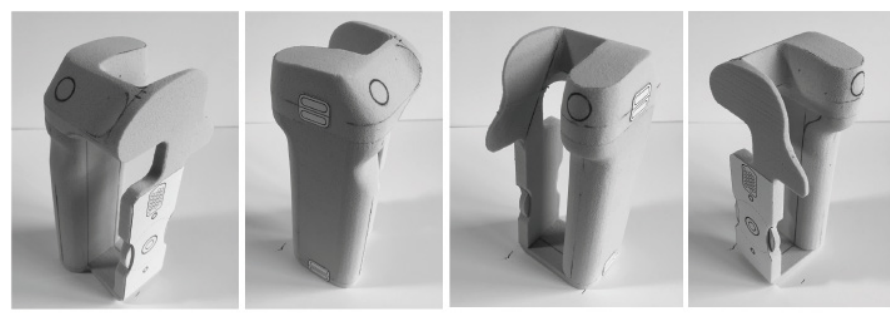


Phase One

Camera system - Medium Format

One of the most important elements of great photography is timing. With the new mechanics introduced with the XF Camera System, shutter latency and shutter recycle time are significantly reduced, making the XF our most responsive camera ever.

Based on decades of use in the most demanding professional applications, the Phase One XF brings upgraded materials and moving parts to match that level of professional demand, delivering the fastest, most robust and most reliable camera ever.





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HANDPRINT

FREELANCE

Working as Freelance using the different competencies gathered through the years to support different companies; GN Resound, Sennheiser, Phase One - to name a few.





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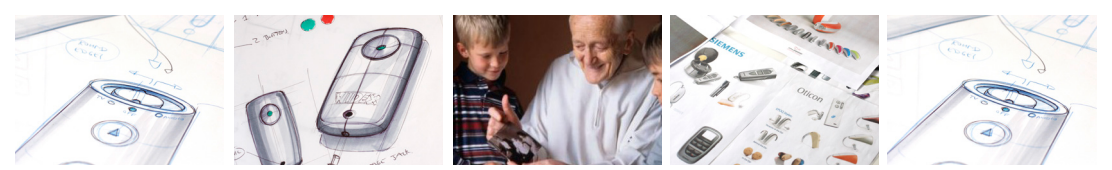


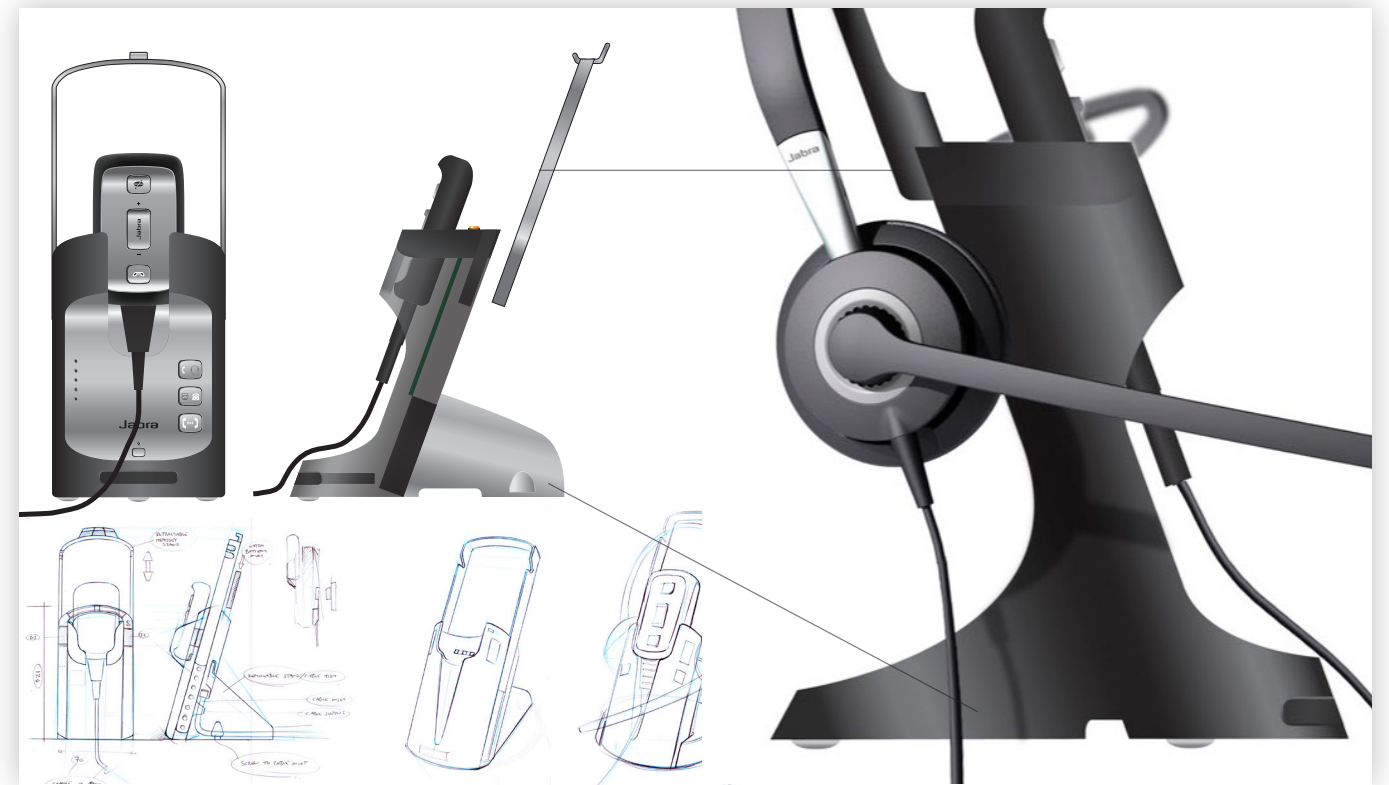
WIDEX

DEX listening devices

DEX is a range of assistive listening devices designed for wireless communication. The three different DEX devices help you in handling some of the more difficult listening situations such as watching television, listening to music or using your mobile phone. All the DEX devices are designed to be intuitive and easy to use

with simple, recognisable controls. A complete product line with a unique assistive listening device, designed for wireless communication. Driving the entire process, from research over mechanical development to sourcing manufactures and approving products - over a 2 year periode. Helping WIDEX to introduce a new line of high-tech products in the fall of 2010 - to help empaired hearing. Inducing confidence in the feasibility of the delivered solutions with senior plastics and manufacturing skills.





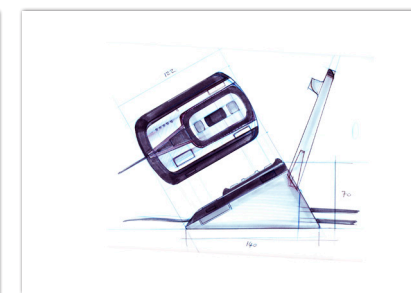
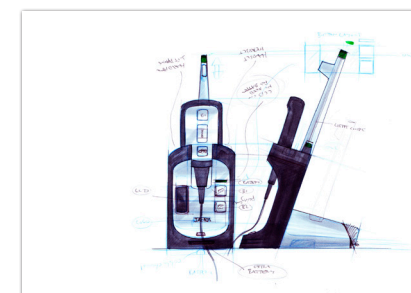
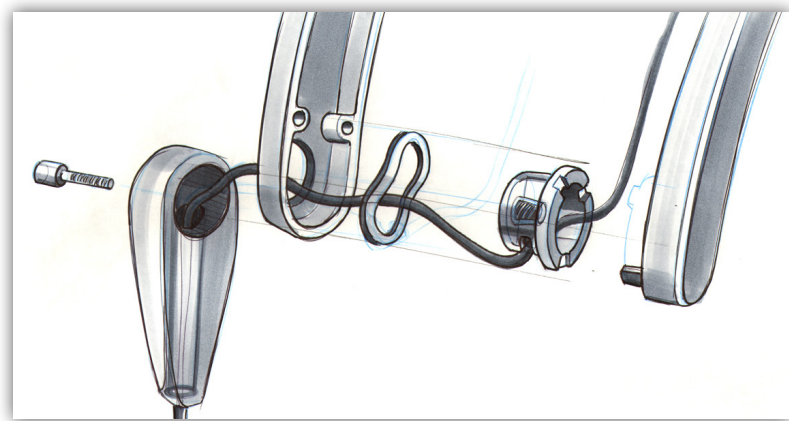
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Introducing a new headset, the mechanical design proved to be a challenge for the industrial design. Concept were sketched and initially CAD'ed for structural analysis, showing the liability of the chosen concept. The mechanical concepts for not only the headset but also introducing the layout, stack-up and detailed solutions for EHS gave JABRA the opportunity to move forward with the business case. The solutions for the project was a spin-off from user observations in several call centres, making sure the product was created for the end user and not the engineer.

JABRA

JABRA listening system

JABRA product, including docking station for EHS and headset. Through wireless technology the product focus on mobility within the workspace. Working on the JABRA product brought new ID into the JABRA group, tests on user groups, mechanical design and new colours, materials and surface finish.





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PHASE ONE

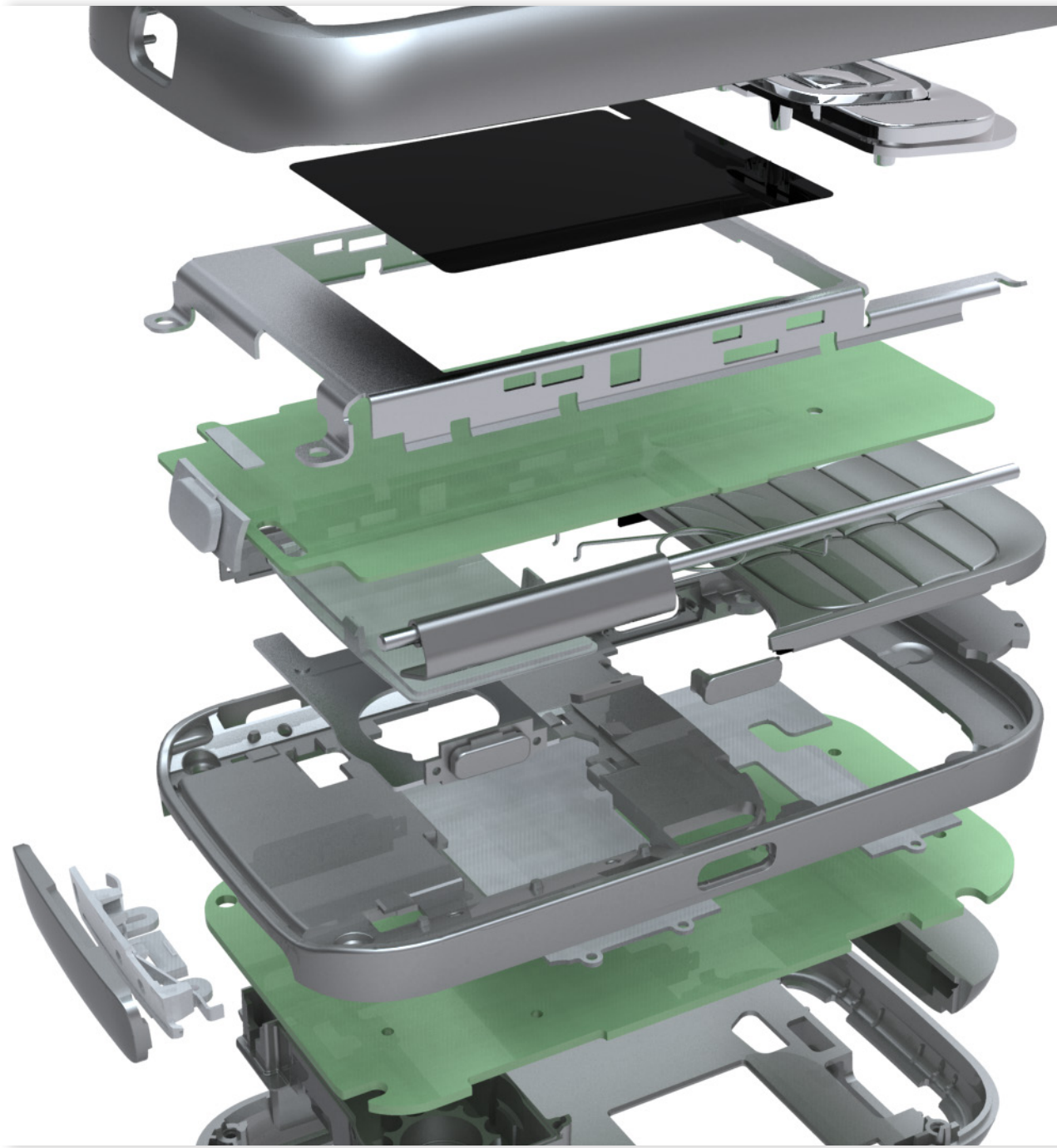
Digital back

Vertical grip

Creating the digital back for PHASE ONE a simple and strong design expression was the demand. Shaping a square look, where lines coming from the camera extends to the digital back. PHASE ONE wanted to maintain the user experience with 4 button action - easy access. Creating the product in aluminum made the difference

in regards to strength touch and feel. PHASE ONE wanted a new shaped and ergonomical perfect vertical grip, designed for perfect integration with a PHASE ONE camera. The designed V-Grip re-creates the camera control buttons in exact the same positions as on the camera body but in vertical position. Even if custom functions are used to change functions of buttons, the settings will replicate in exact same way on the V-Grip. Creating the design line to align perfectly with the camera was a great experience and helped in reaching the ergonomic goal - perfect grip.





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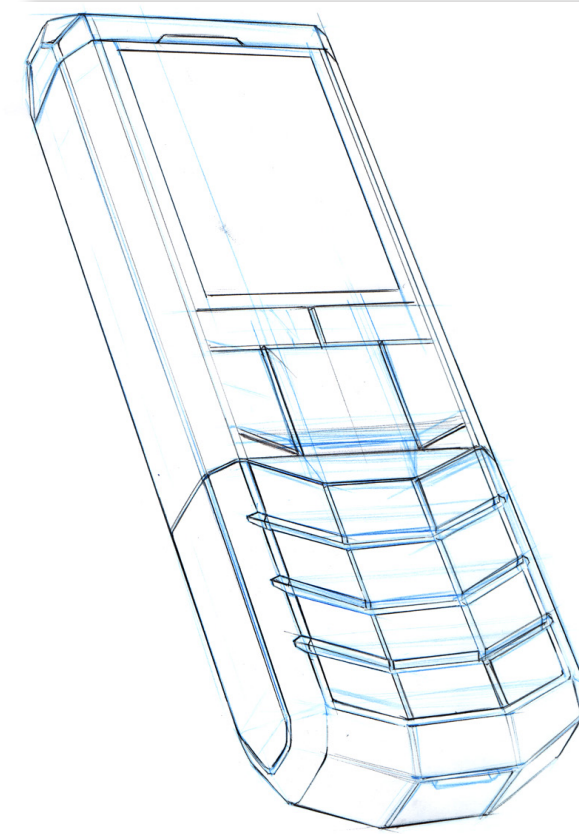
NOKIA

Mobile phone devices

Creating different products for NOKIA from different sites in Europe - Copenhagen, Ulm, Bochum and Jyväskylä. The projects varied but included lead mechanics overseeing design for plastics and metals, decoration technologies and coordination with electronics, RF, acoustics, test, simulation, etc.

Products were CAD'ed in CATIA with high volumen in seight. When products had to be launched the responseability changed to FEMEA, supplier mangement and logistics, ramp up support, testing and mass production approval. Al this done as an external advisor placed internal or external from NOKIA site. Some products reached 10 mill + in numbers and with new mechanism developed it set the standard for NOKIA touch and feel. Working together with leading manufactures within the decoration technology, the ideas and filosofphies of the industrial designers was able to come to life.





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Thrane & Thrane

Voip handset

Design and development of a rugged and reliable IP Handset for Land Mobile, Maritime and Aeronautical. IP class 54. Competitor research was made in order for the design to be positioned and create a proper design language.

The project included lead mechanics overseeing design for plastics and metals, decoration technologies and coordination with electronics, RF, acoustics, test, simulation, etc. Sourcing a competent supplier for mechanics was also undertaken since, the customer did not have that expertise. Everything was created offsite and approved together with the customer leaving the customer able to focus on own strengths and learn from the competencies of the mechanics team.

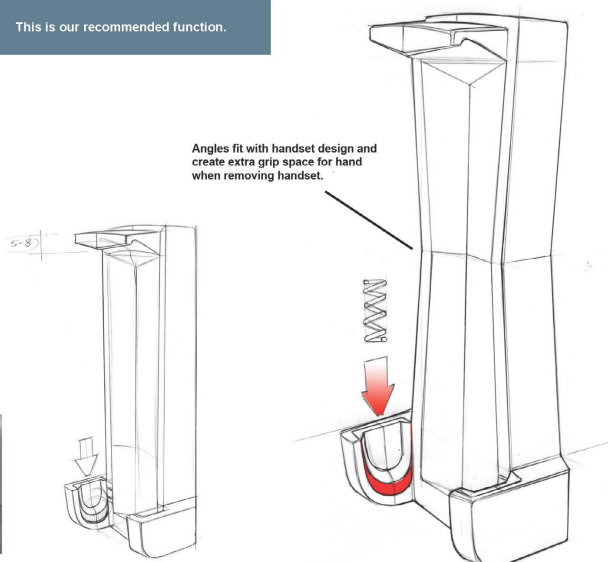
concept_04

Sprung base section holds handset up under top rubber top cover.
2 step release function for user.



This is our recommended function.

Angles fit with handset design and create extra grip space for hand when removing handset.





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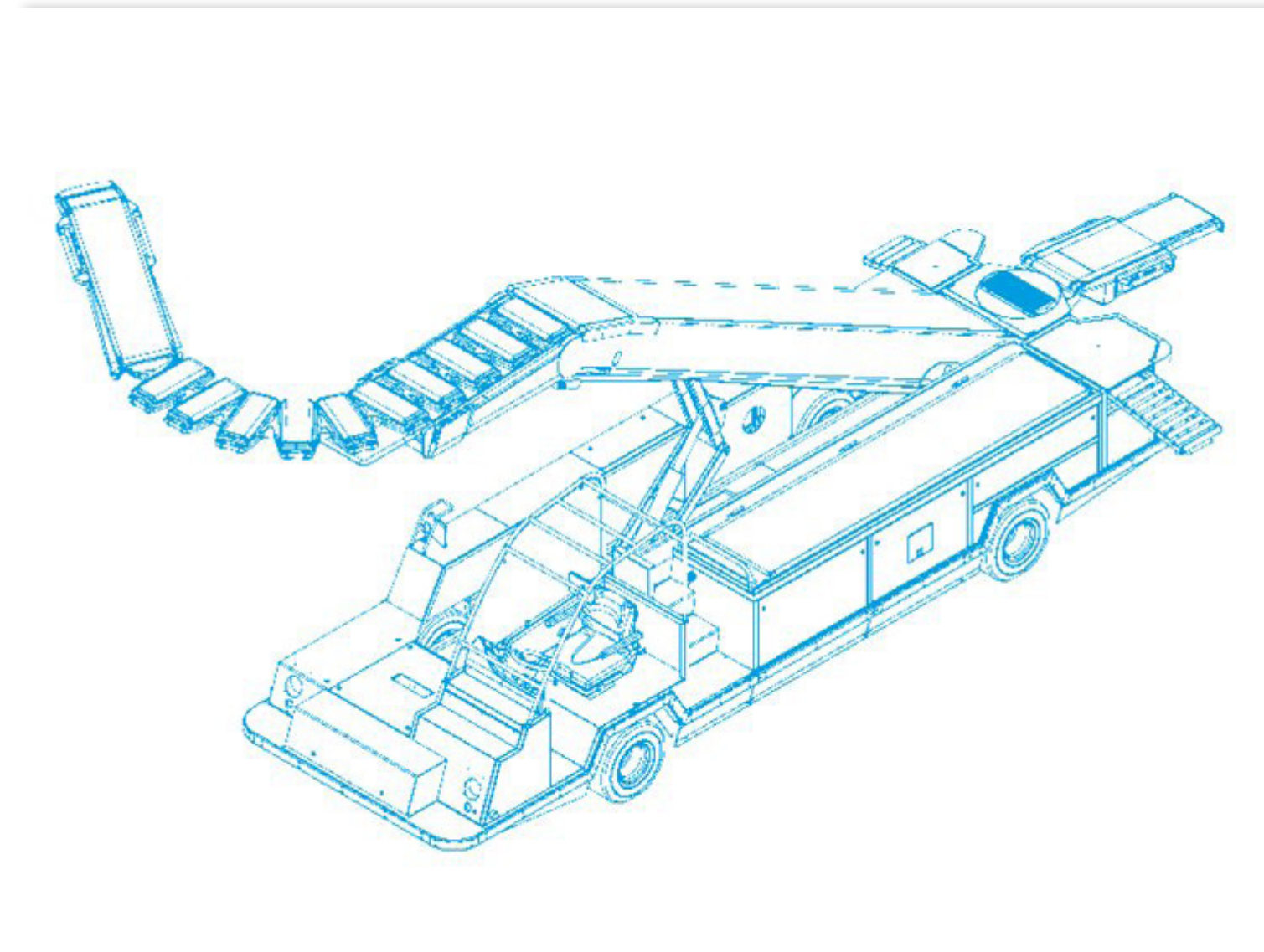
At the end the different cultures and competencies came together and created a wonderful product.

LOGITECH

ALTO

The project was placed in Copenhagen and recognized as a true 24-7 project involving input from US to Japan. Introducing user research for the handling of the product, ALTO became a leap forward in handling the working position for the end user and thereby decreasing the stress of the neck and shoulder when working with laptops.





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CPH Design

Rampsnake

CPH Design reconceived ground handling and created new conveyor technology that reduced arduous working conditions and speeded up aircraft turn around. By close customer involvement and user centred design CPH Design produced a total rethink of aircraft loading to the benefit of both carriers and handlers.

Overseeing the plastic and aluminum parts design all the way to production - tool inspection and approval of die cast and injection molding tools. Introducing a new way of positioning heavy lifting and transport system on angled ground. The involvement of the CPH Design Toolshop was important in the whole process, driving the entire CAD/CAM process from training to industrialization of plastic and aluminum parts. A very special place with only gifted people discovering new ways of thinking and realizing that 1+1 can equal 3.





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Carl Bro

Wittenborg, NEG Micon
SKAKO, Struers.....

Working as a senior advisor for the Carl Bro Division, IOM (Industry and Marine), evaluating concepts, defining mechanical concepts, mechanical design, production methods and assembly techniques was part of the job description. Especially involved in defining overall concepts for the first windmills placed off-shore, in

collaboration with NEG-Micon (later merged with VESTAS). Designing a completely new system for Wittenborg coffemachines for the US market, driving the mechanical design for STRUERS on a new grinding and polishing machine and involved in defining the concepts for SKAKO, creating a large mixer for the concrete market. Starting the career a Carl Bro up with the mechanical design of a new product for Mærsk Medical - being involved in prominent projects as a resource or advisor was defining the product development thinking for the future.





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Manpower

ROSTI

Glunz & Jensen

Head-hunted by the headoffice of Manpower Denmark for establishing a internal technical department, building a new business case for Manpower. During the time at Manpower customers like ROSTI and Glunz & Jensen was engaged as customers for longer og shorter periodes of time.

Engaged in advanced CAD modelling and later on, mechanical development at GLunz & Jensen created a new feel for the whole cunsultant bussines - knowing this was the area where things could be affected and changed. At the end, a new cunsultancy concept was started up - Manpwoer Flex - where people was transferred to different companies, agreeing on not laying people off but keeping the competencies within a defined group of companies.





BASTA

Click-lock

Safety light, Beamer sport

Starting as development engineer before finishing Engineering school, the development and new design of locking systems and bicycle lights was main ingredients of the job description. Creating 2 new bicycle lights from concept to mass production and introducing a completely new setup of the classic BASTA Click.

1 9 9 8
1 9 9 5

Working with outsourcing of manufacturing and assembly to the major part of Europe, China and ROC Taiwan working the ability for leading teams and starting to know the fact of combinatorics. Visiting major players within the lock industry the way of negotiating was introduced at a young age and with great success.

