WAKE THE

I am an innovative industrial designer for more than 10 years, offering tireless attention to quality and accuracy for high-performing design solutions. Working collaboratively to deliver projects to budget and timelines specifications, using outstanding communication and problem-solving skills to ensure functional, feasible outcomes. I am a designer with expertise in determining functionality, enhancements and production-ready designs. As a highly qualified industrial product designer, I am able to create a new product concept, design and develop a product according to the customer's needs. I always strive to fully satisfy client's expectations and needs. Highly-skilled Industrial Designer, using innovative design and development techniques to enhance design production.

A'DESIGN AWARD
WINNER 2020
BRONZE

A'DESIGN AWARD
WINNER 2017
GOLD

A'DESIGN AWARD
WINNER 2017
SILVER

EUROPEAN PRODUCT DESIGN AWARD™

PRIME DESIGN MARK

SPECIAL SELECTION AT INTERNATIONAL A' DESIGN AWARD & COMPETITION
BRONZE SELECTION 2020

YOS DRINKING BOTTLE /

2018

Final design solution came up after two weeks of work. Bottle has separate pills container with sliding system and 330 ml. capacity for drinks. All parts are injection molded.
Product link: https://yoshealth.nl/

EUROPEAN PRODUCT DESIGN AWARD™

MONISENSE /

2024

Medical device design
Industrial design
Product design
Engineering
Manufacturing

The project centers on developing a wearable device designed to remotely monitor the vital signs of elderly individuals, addressing the significant gap in remote health monitoring for this demographic. The wearable device is tailored to the unique needs of seniors, many of whom live alone and face challenges in managing their health independently. Wearable device allows private hospitals, nursery houses and family member to monitor elder people health remotely and get instant notifications/alerts to their phones and computers if some of the vital signs goes beyond standard indicators.

a wearable device designed to monitor the vital signs of elderly individuals:

Body temperature
Heart rate
Respiratory rate
Blood pressure
Body position

SMART bottle holder /

2024

Industrial design
Product design
Engineering
Manufacturing

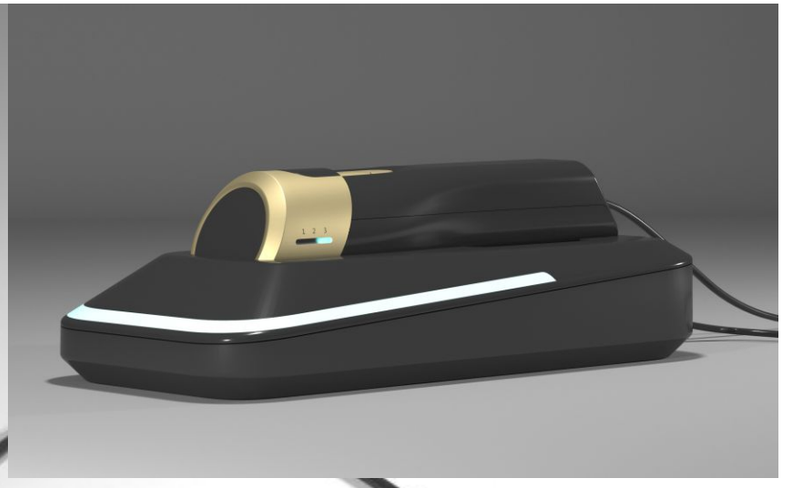
This project is designed for children to encourage regular water drinking. You can use a universal bottle up to 0.5l. capacity, which fits and conveniently attaches to the bottle holder with straps. The device works based on the weighing of water associated with a certain time interval. The device weighs the amount of water and at the appropriate interval reminds you that it is time to drink. If water is not drunk for more than half an hour, the screen shows a sad emotion and flashes red, if water is drunk, then the emotion becomes cheerful and the LED light turns green.

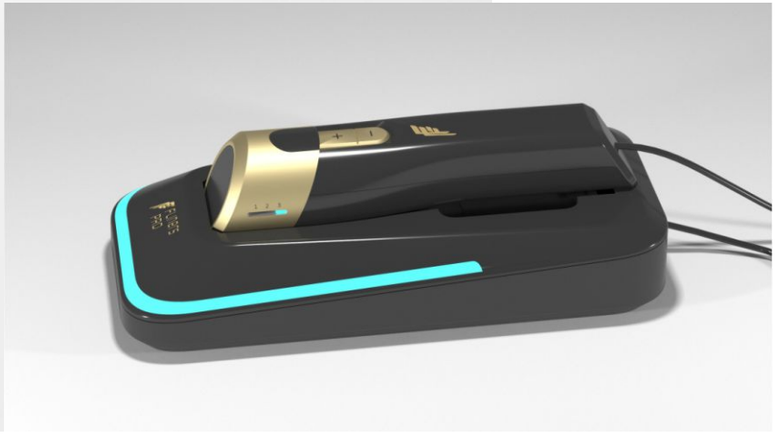
A HIFU facial massage device /

2024

Industrial design
Product design
Engineering
Manufacturing

This is A HIFU (High-Intensity Focused Ultrasound) facial massage device. It works by using focused ultrasound energy to target the deeper layers of the skin. It is typically used for skin tightening, lifting, and reducing the appearance of wrinkles





FEMTIKA NANOFACTORY /

2018

Scientific device design
Industrial design
Product design
Engineering
Manufacturing

FEMTIKA HYBRID LASER workstation

"Femtika" is a Lithuanian company that produces Hybrid (additive & subtractive) micro-fabrication tools and offers supply services. Company's goal is to supply growing worldwide demands of available tools and technologies enabling true 3D laser fabrication, with custom design components in micro and sub micro scale.

My task was to create new housing for hybrid laser machine. This heavy weight mechanism requires stiff initial structure and reliable housing for long lasting operations. After design and engineering were done, we calculated more than 200 parts engineered and manufactured for one unit.

"Femtika Nanofactory-Laser 3D Workstation" won Bronze "A' Design Award" in Prosumer Products, Tools, and Machinery Design Category, 2020!

Femtika Hybrid Laser design /

Design goal was to create new housing for hybrid laser machine. This heavy weight mechanism requires stiff initial structure and reliable housing for long lasting operations. After design and engineering were done, we calculated more than 200 parts engineered and manufactured for one unit.

Design goals /

1.

To create modern looking and aesthetic design

2.

To engineer and built strong initial structure

3.

To design housing that is made from 2 modules (upper and lower)

4.

To design easily maintanable housing for laser.

Engineering /

After engineering was finished, we proceeded every blueprint to our manufacturers for parts production. There were more than 200 parts engineered and manufactured for one unit.

RUBBEE X /

2017

Transport design
Industrial design
Product design
Mechanical engineering
Prototyping

The goal was to upgrade and renew existing design and re-engineer device. Many discussions and meetings were done while designing housing and improving device functionality.

One hand. One second. Once installed, the patented lock mechanism enables device to be attached and detached instantly.

Go electric. Go wireless. Due to the wireless rhythm sensor bicycle becomes electric without adding any wires. It tracks cadence and provides electric energy automatically. No buttons required to use.

Housing is made from various materials: metal, rubber, plastic. Aluminum plate with laser engraved logo has been added on both sides. Charging port has silicone cover in order to achieve high IP67 rating. Stiff and reliable mounting system is all made from aluminum.

Rubbee | BICYCLE ELECTRIC BATTERY

Design and style /

Many discussions and meetings were done while designing housing and improving device functionality. Housing is designed from various materials: metal, rubber, plastic. Aluminum part with laser engraved logo has been added on both sides. Charging port has silicone cover and mounting system is all made from aluminum.

Design goals /

1.

To create modern looking and aesthetic design.

2.

To design stiff plastic enclosure with battery cover and LED lamp.

3.

To design fast mounting lock that would fit all bicycles.

4.

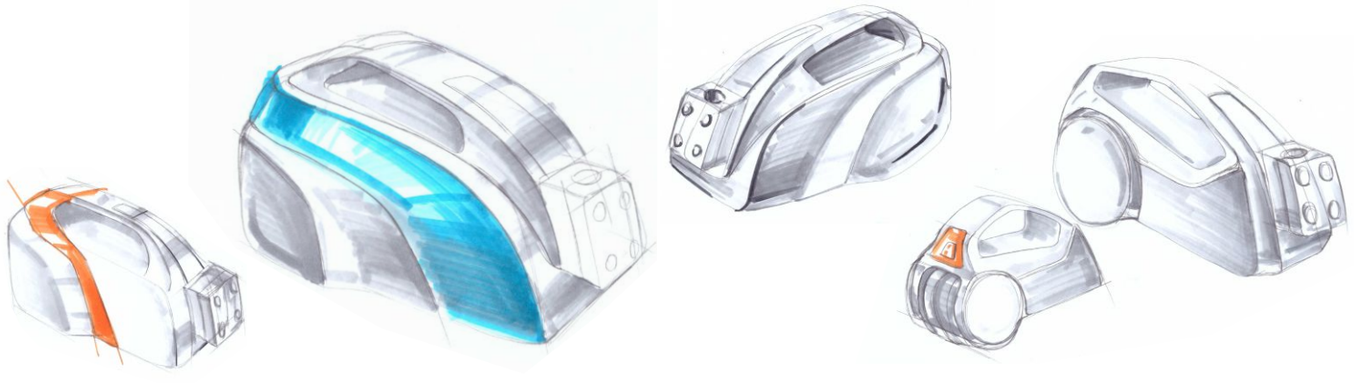
To design housing that has high IP 67 rating.

Design and engineering process /

At first, I started with new concept. We made few sketches, some of them with light reflecting coloured parts.

During concept stage, we were concentrated on better handle, more aerodynamic looks and bigger LED lamp.

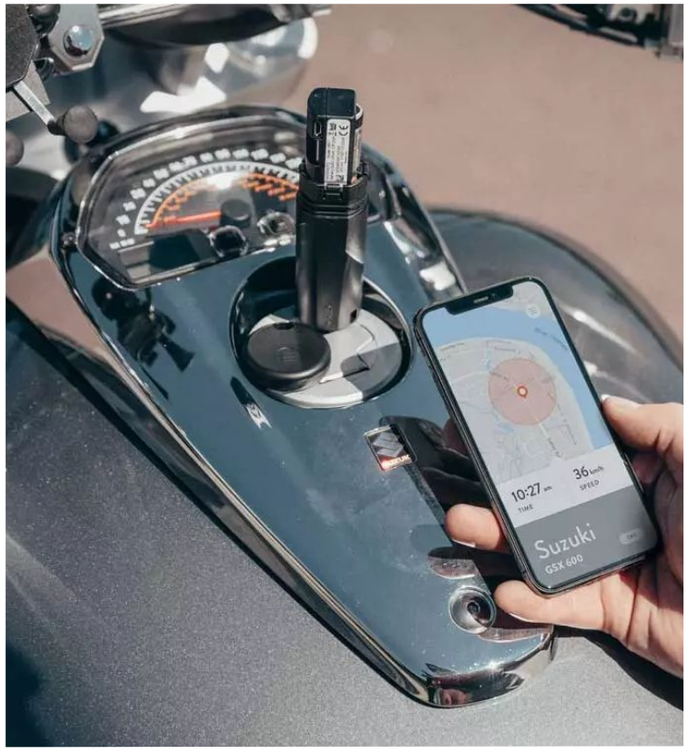
When design was confirmed by client, we engineered all parts for production. Some are designed for injection molding and some for CNC machine.



MONIMOTO DEVICE AND KEY / FOB

2019

Monimoto Device and Key Fob are two devices is dedicated to secure your motorcycle or motoryzed bicycle. How it works: device detects movement and checks if the Key Fob is present. If the key fob is detected, no alarm is sent, but if there is no key fob, the device sends alarm to user's app and makes a call. Both devices are dedicate to work together. Both are made of plastic, and have high IP ratio.
Product link: https://bit.ly/3bylJut



PHONOLAB M1 /

2016

Industrial design
Luxury design
High-end design
Engineering design
Prototyping

In 2017 Turntable received "A' Design award and Competition" silver prize! "A' Design Award and Competition" is the worlds' largest design competition awarding best designs, design concepts and products & services.

The design combined with innovative engineering solutions made this turntable good example of functional and minimal design. The main innovation is tonearm disc which enables user to apply different length tonearms. The aim of design was to make player look light, minimal and luxury. Bottom part is transparent, therefore motor and legs can be seen. Everything is controlled by hand, therefore user is more involved in the entire record playing process. This turntable is designed for an audiophile who adores immaculate and perfect quality of music.

A'DESIGN AWARD
WINNER 2017
S I L V E R


EXCITER
PHONOLAB M1


EXCITER

3D FIBRE PRINTER /

2019

Scientific device design
Industrial design
Product design
Mechanical engineering
Manufacturing

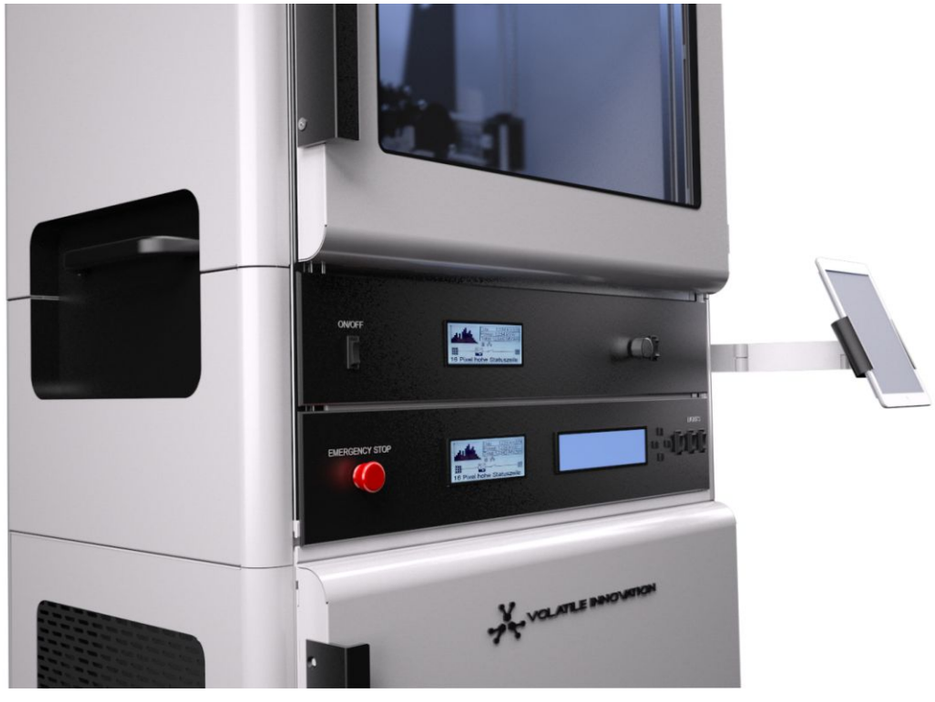
I can proudly present one of my newest design and engineering projects - 3D micro structures printer. Due to it's simple, well designed initial structure, assembly and user experiences takes this device to a new level of engineering.

3D printer has bottom part with all the controllers, coolers, laser parts, wires. Smaller middle blocks contains of buttons, controllers screens, main computers. Upper part houses laser device. Handles has been added in both sides in order to lift top module comfortably.

This printer uses complex technology, but in short words - creates shells where biological structures can grow inside. Core technology combines solvent-free and solvent-based electrospinning processes with additive manufacturing (3D printing).

VOLATILE INNOVATION


ON/OFF
EMERGENCY STOP


ON/OFF
EMERGENCY STOP
VOLATILE INNOVATION

A'DESIGN AWARD
WINNER 2017
G O L D

ULTRASOUND DEVICES FAMILY /

2016

Ultrasonic heads are designed for making skin look younger and smoother. Family of five wireless devices were designed for commercial use. Every single device has white LED stripe on both sides, non slippery rubber/plastic handle and charging port on top.

Aesthetic-medical equipment trolley was designed to carry, charge and control ultrasonic heads. One month has been spent designing devices from concept to final design version. Many competitors were analysed during design process. Spacy storage is added inside the trolley as long as comfortable handle and doors opening system. In final version every component has been placed right, in order to reach maximum comfort and ergonomics.

Family of ultrasonic devices won Golden " A' Design Award" in Medical Devices and Medical Equipment Design Category, 2017!

Design and engineering /

Ultrasonic heads are designed for making skin look younger and smoother. Family of five products were designed for commercial use. Devices have white lightening stripe on both sides. Devices are ergonomic and have premium looks.

Design and engineering /

Ultrasonic heads trolley desig process took about one month. We had to analyse many competitors and make really original designs. We added spacy storage place inside, comfortable handle and doors opening system. In final version all control buttons, screen and charging sockets are placed right in order to reach maximum comfort and ergonomics.

AESTHETIC LASER TROLLEY /

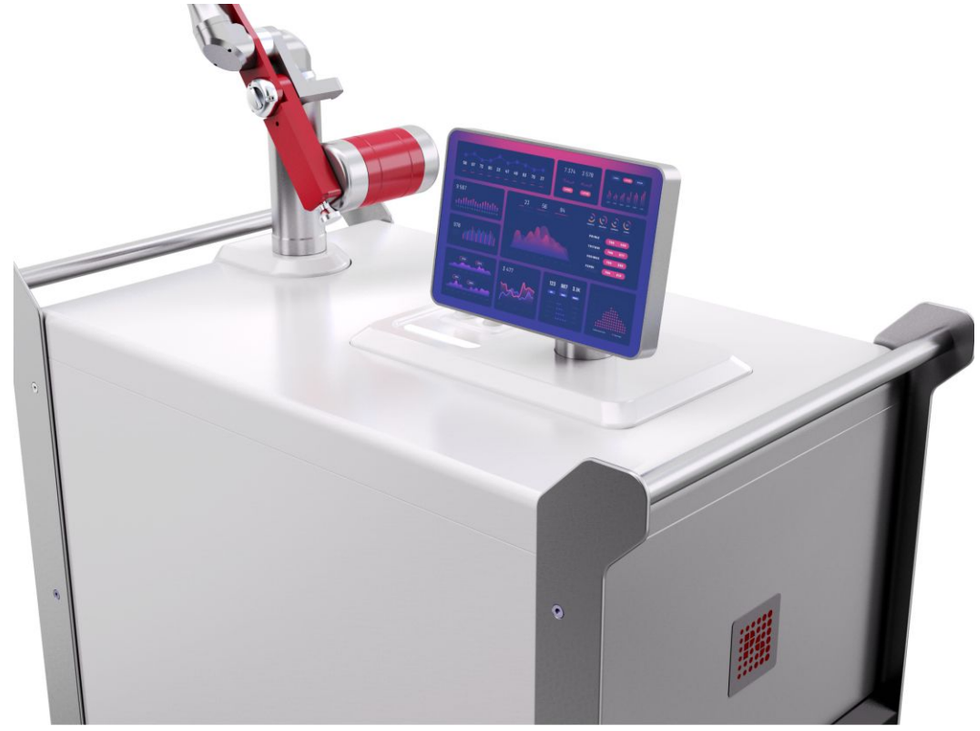
2020

Industrial design
Aesthetic-medical equipment
Mechanical engineering
Scientific device design
Trolley design
Manufacturing

After long and fluent design and engineering process, I came up with pleasant result – modern design, lightweight and easy to use laser trolley. "Photosana Laser Trolley" has light and stiff internal aluminum structure, light thermoformed exterior parts and simple design.

Device has 150 ps pulse duration – shortest pulses of aesthetic-medical laser equipment in the world.

Unique shape pulse profile gives the most effective way to remove tattoo pigmentation, while eliminating the risk of damage to surrounding tissue.



RATIOTECH BANKNOTE DETECTOR /

2018

False money detector has been designed for famous German company “Ratiotech”. The device has information screen, several buttons and is made of three main plastic body parts using injection molding. This product will complement the existing product range. Innovative and discreet – the automatic banknote detector with counting function. The LED signal and the acoustic warning signal deliver a clear result at the POS. Both signals can be disabled for a discrete check.

WATER AND HEAT METER /

2016

Water and heat meter devices are made for company „Axis industries“. Both devices have modern design and IP 67 rating.

The goal was to make modern looking and unique design devices, which are water and dust resistant and easily mountable
Product link:
https://www.axiomametering.com/lt

MEDICAL LASER TROLLEY /

2017
Industrial design
Medical equipment design
Product design
Mechanical engineering

"Photosana" aesthetic-medical equipment trolley is equipped with laser heads that burns fat from various body parts. This device provides treatments for non-invasive body contouring that permanently reduces stubborn fat without surgery or downtime.

Most of all exterior parts are made from vacuum formed plastic. Handles are bent from stainless steel and screen frame is CNC machined from aluminum, then anodised. Each laser hose head has it's own hanger made by plastic molding technology. LED stripes are integrated in each curved shape hanger part on top of the trolley. Internal trolley structure is assembled from CNC machined aluminum parts. Frame construction is stiff and robust. Trolley has internal drawer which is designed to store additional items for procedures.

PARKIS BICYCLE STAND /

2016

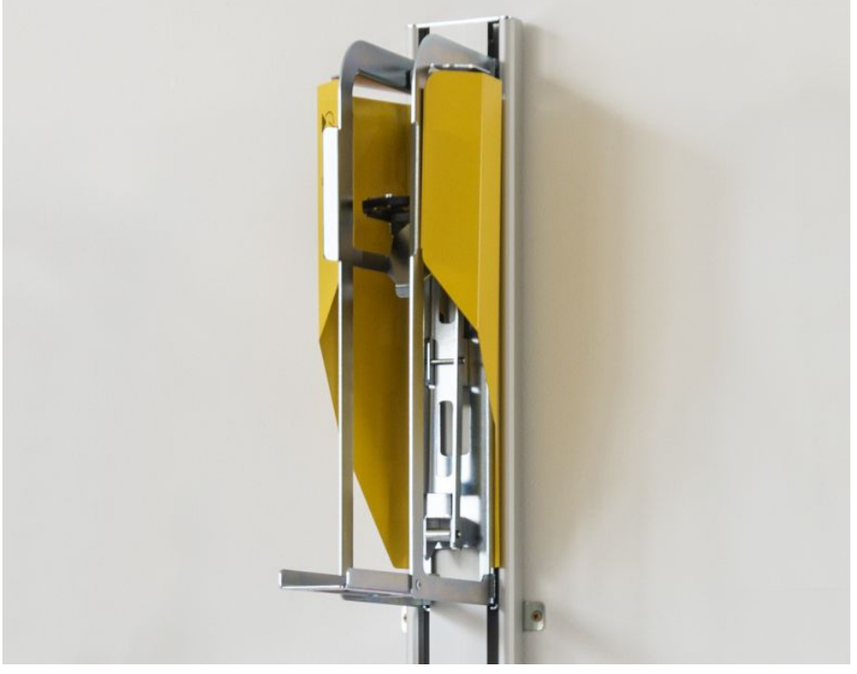
Industrial design
Luxury design
High-end design
Engineering design
Prototyping

PARKIS is a simple and smart bicycle lift – an alternative to the traditional bicycle rack. This bicycle storage solution offers a unique experience of an easy and simple space saving.

It is an ideal bike stand that saves space at any parking place. PARKIS magically lifts your bike and allows you to forget all the struggles regarding bicycle parking.


PARKIS


PARKIS

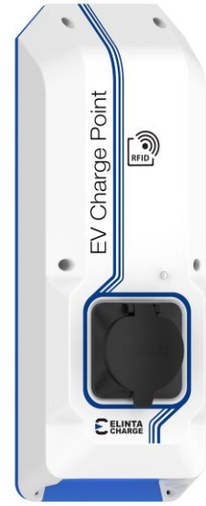


ELINTA HOMEBOX SLIM /

2017

Industrial design
Product design
Mechanical engineering

„Elinta Homebox Slim“ is private electric car charger that was designer under strict requirements.
Design goal was to create slim looking, modern and water resistant electric charger that suits all customers requirements. It has IP 67 housing, device is simply mounted, has blue LED light on its sides, RFID authorization and output power to 22kw. Product link:
https://elintacharge.com/lt/product/private-ev-charging-station-homebox-slim/



POCKET PEDALS /

2019

"Pocket Pedals" is a unique clipless pedal converter that easily converts the clipless pedals on your performance street or mountain bike into practical platform pedals.

Enhance the usability of your performance bike by making it convenient for casual family bike trips, commuting, or running errands. When mountain biking, quickly convert the mountain bike pedals when the trail is too tough or steep for clipless use. Pedals are made from TPU-plastic and rubber compound.
Product link:
https://pocketpedals.com/


Cuore


SHIMANO
PEDALS


LIGHT ACTION

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