



WAKE THE





Form2be will help your company expand through growing use and of consumer society, will create significant output and will deliver maximum outcome. Consider Form2be as a hands on filter between client and customer.

We are providing a range of industrial design, mechanical engineering and prototyping services. We develop and design household appliances, aesthetic-medical equipment, electronic devices, machinery, vehicles, various structures under custom orders. Besides, we consult on all product design and issues.

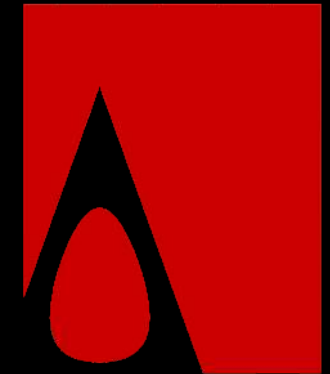
The full of energy and experience Form2be team is not afraid of new challenges, we will design even the most complex device!



A' DESIGN AWARD
WINNER 2020
BRONZE



A' DESIGN AWARD
WINNER 2017
G O L D



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



YOS DRINKING BOTTLE /

2018

Final design solution came up after two weeks of work. User gets separate pills container with sliding system and 330 ml. capacity for drinks. All parts are injection molded.

Product link: <https://yoshealth.nl/>



2018

Scientific device design
Industrial design
Product design
Engineering
Manufacturing

"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.

Our 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 workstation



Femtika Hybrid Laser design /

Form2be 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.

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 maintainable 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

Form2be was asked 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.



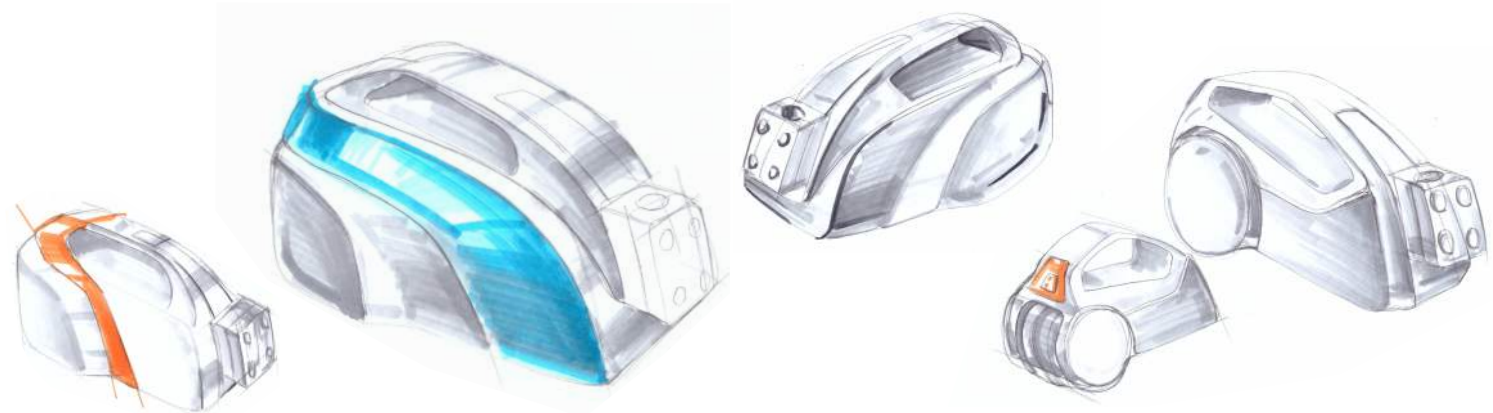


Design and engineering process /

At first, we 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>





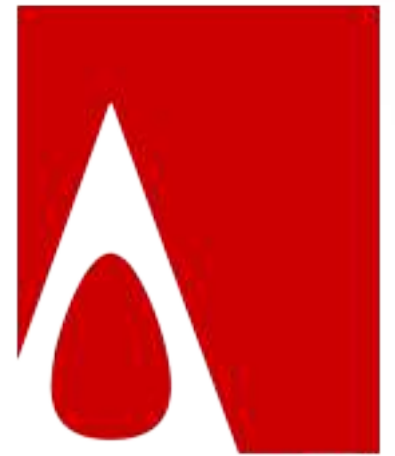
PHONOLAB M1 /

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



2021

The teletourism system is designed to provide (tele)travel to those who are unable to travel due to physical disability, lack of resources, obligations, and the system also provides the opportunity to see places that are difficult to access.

The system consists of a capsule and a drone tricopter that operate autonomously (takeoff/landing, flights, loading). For the connected user, the image from the drone is broadcasted into a virtual reality environment, through which the user will be able to fully experience the environment without leaving home.



3D FIBRE PRINTER /

2019

Scientific device design
Industrial design
Product design
Mechanical engineering
Manufacturing

We proudly present one of our newest design and engineering projects - 3D micro structures printer. Due to its 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





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.



A'DESIGN AWARD

GOLD

2017

Design and engineering /

Ultrasonic heads trolley design 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 /

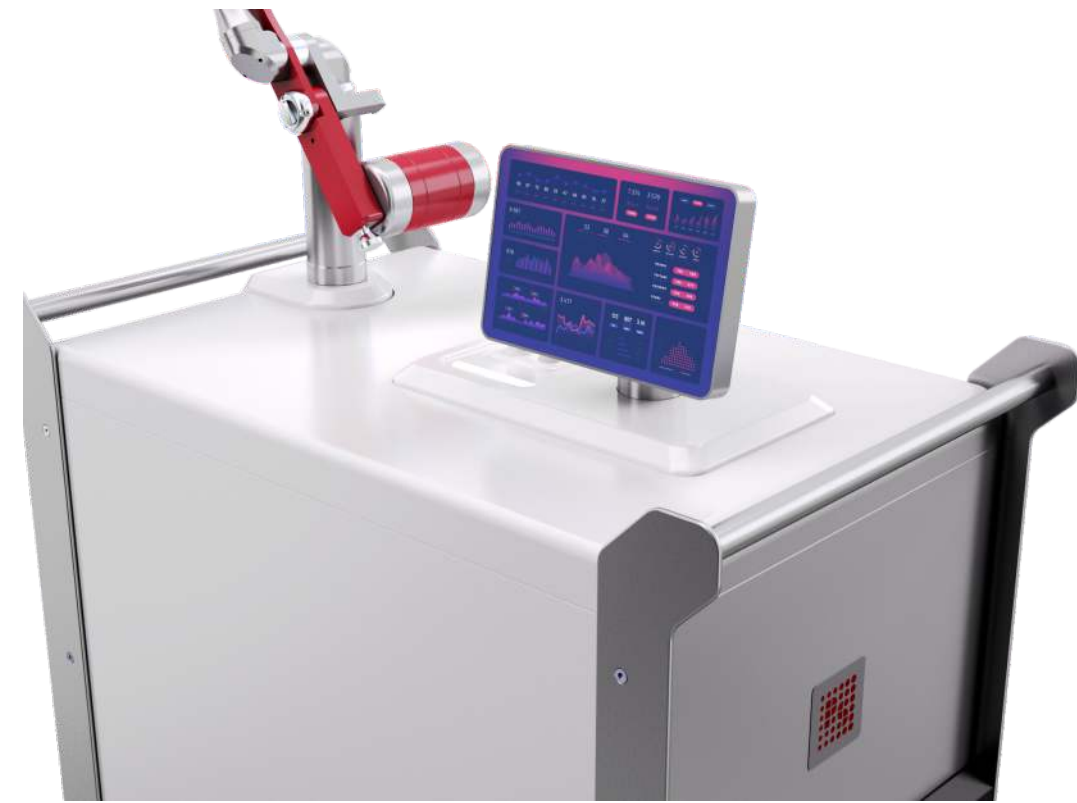
2020

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

After long and fluent design and engineering process, we 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 - that's good specifications for aesthetic-medical laser equipment. We added stainless steel handles as a main design accent in order to supplement modern and minimal looks. To control and operate device tablet with unique stand has been on top, which can be turned or inclined in every direction.

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. Engineers had to design water and dust resistant, easy mountable devices.

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.

Ergonomical studies, conceptual thinking and great team work let us achieve extraordinary results - trolley has modern design, extendable usability and is easy to use. 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 its 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



2017

Industrial design
Product design
Mechanical engineering

„Elinta Homebox Slim“ is private electric car charger that was designer under strict requirements. Form2be studio was asked to design slim looking, modern and water resistant device. As a result we developed 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/>





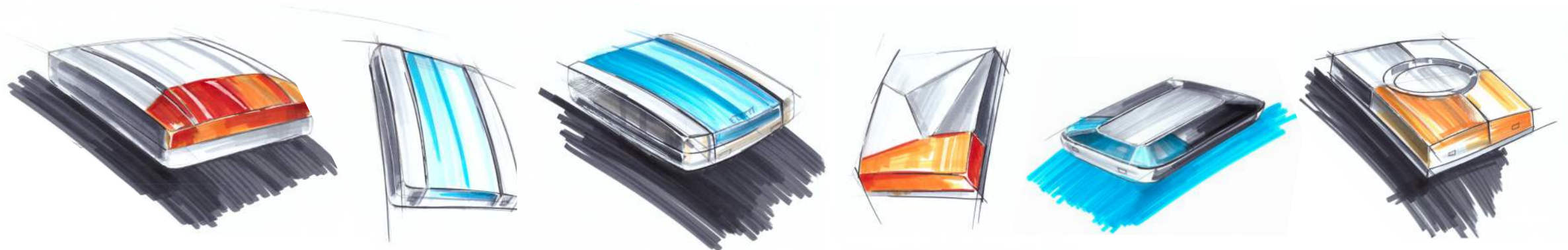
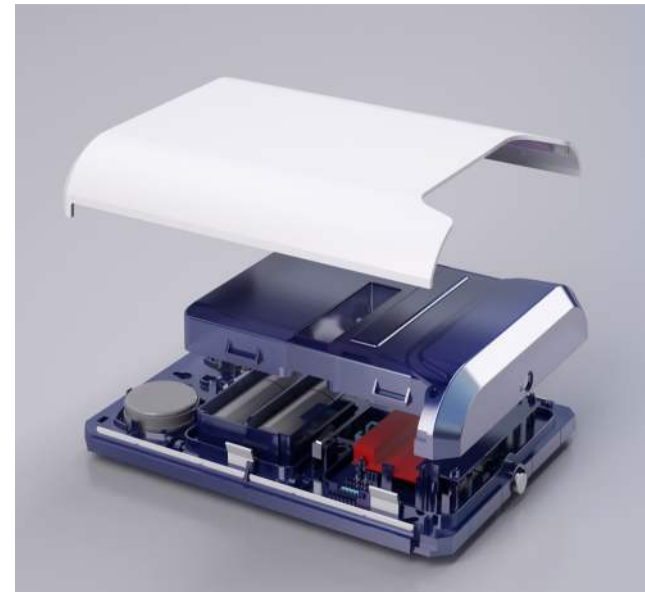
ALARM SYSTEM SIREN /

2014

Alarm siren enclosure represents our company's design ability to create modern looking and aesthetic devices. This housing consists of three molded parts. New design, louder, stronger and bigger siren that emits the sound and LED lights to notify about the danger. Larger product size meets the market demand and ensures complete safety of a property.

Product link:

<https://eldesalarms.com/product/ews4/>



ALARM SYSTEM KEYPAD /

2014

EKB2 keypad is designed to be a perfect device for any interior: slim-line glass body with a touchscreen delivers the best user experience. Informative LDC screen displays a real time information about zone status, time, temperature, GSM level and possible faults. User can choose EKB2 from 2 colors: Midnight Black and Silver White.

Product link:

<https://eldesalarms.com/product/ekb2/>



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/>







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