



2021

**FS** **FUTUSOL**  
Solutions for the Future



**FUTUSOL, D. O. O.** is a company engaged in industrial automation, mechanical engineering, product development and toolmaking, and we recently strengthened our company the field of production and serial processing. We are a team of young and experienced professionals and we cover the entire field of industry. We are a constant partner to some of the most recognizable companies, both in Slovenia and abroad, which are active in the automotive and appliance industry.

## OUR ADVANTAGES

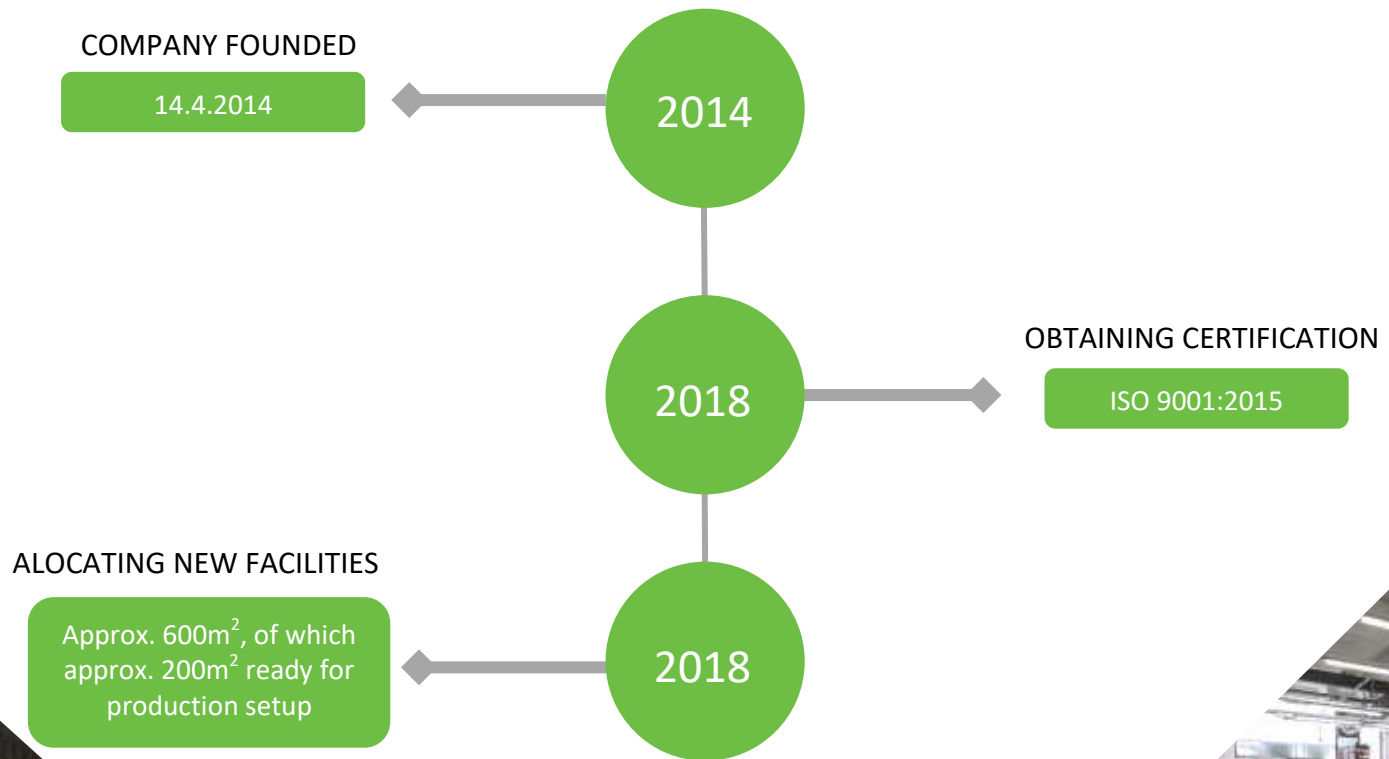
Futusol, d. o. o. is a company with a high concentration of knowledge, our main strengths are flexibility, multidisciplinary and quick response.

Futusol, d. o. o. is able to develop and manufacture technologically advanced products according to the requirements of the final customers.

With an individual approach to a problem or requirement, we offer every solution to ensure the satisfaction of our customers, as they are our main concern.

By following global trends we are always up to date with innovation. We offer technical advice and quality and responsive maintenance. We are aware of the importance of cooperation and therefore in larger projects we operate in a consortium of our permanent subcontractors who specialize each in their field. We also cooperate with institutes and faculties which gives us an advantage and maximum flexibility in doing business.

## HISTORY

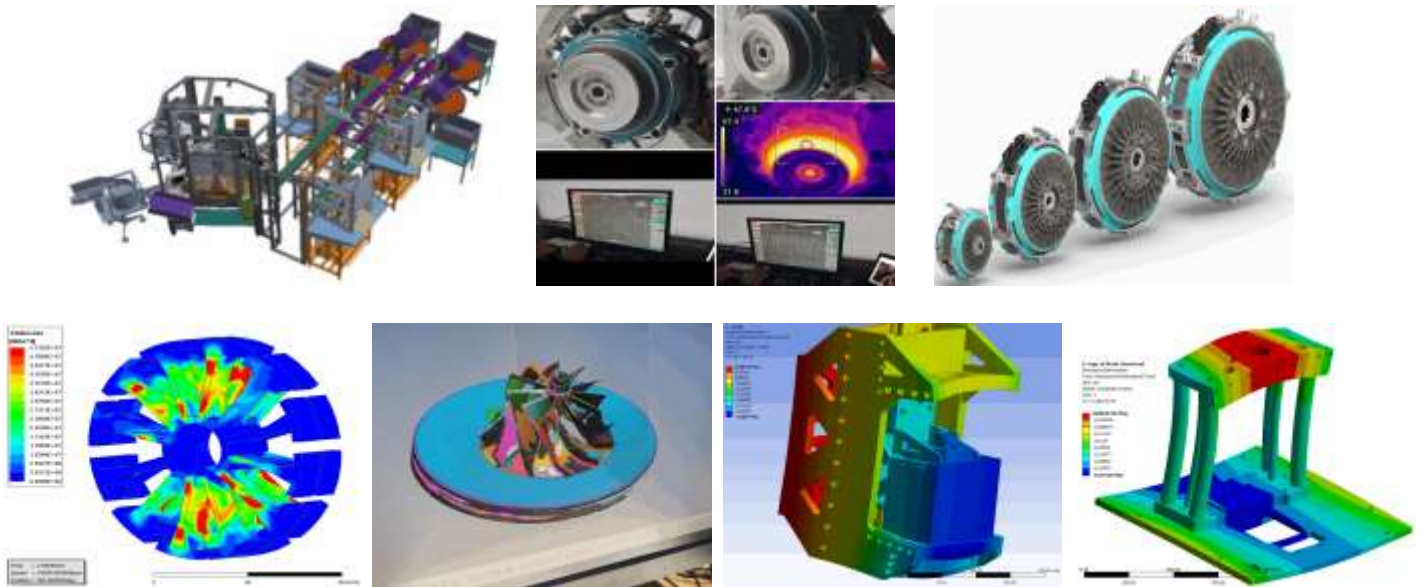




## BUSINESS ACTIVITIES

### Product development, process development, design, machine programming

- CAD, CAM, simulations, tests, reverse engineering ...



### Industrial automation

- According to the specific requirements of known customers - individual approach and counselling
- Turnkey projects
- Manufacture of machines with all necessary documentation in accordance with legislation and the latest industry guidelines (CE risk assessment by potential dangers SIST EN ISO 12100: 2010, electrical measurements of machines according to EN 60204-1 ...)



## Manufacture of machinery



## Manufacture of machine controls

- Design and manufacture of electrical cabinets, binding of machines
- Programming of PLCs, robots, actuators, interfaces for production monitoring ...



## Mechanical processing, marking, measurements, production

- Conventional turning
- Conventional milling
- Flat surface grinding
- Sandblasting
- Wire erosion
- Fanuc Alpha-OA (2000 - refurbished)
- Processing dimensions: 300x200x160



#### CNC milling - 3 axis

- Spinner MVC 1000 (2015)
- Processing dimensions: 1000x500x500



#### CNC milling - 5 axis

- Spinner U5-620 (2017)
- Processing dimensions: 600x600x500



#### CNC milling - 5 axis

- FANUC RoboDrill alpha-D21LiB5 advanced (2021)
- Processing dimensions: 350x350x250



#### 3D measurements

- Tesa Micro MS343
- Measuring dimensions: 356x406x305



#### Laser engraving

- Fiber laser Raycus 30W
- CO<sub>2</sub> laser KL320 40W



- Production of unique items and spare parts
- Complete assemblies and individual elements





- Production of sample pieces



- Batch production



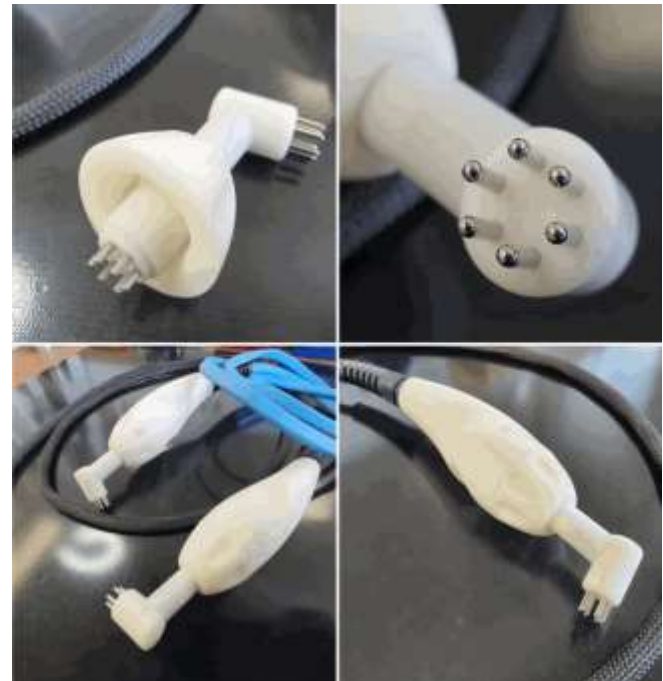
- Production of equipment for prototype production



- Manufacture of test devices and laboratory equipment



- Production of high-tech products and prototypes





## REFERENCES

- Iskra Mehanizmi d.o.o.
- Sumida Slovenija d.o.o.
- Sumida, Components and Modules, GmbH
- MAHLE Electric Drives Slovenija d.o.o.
- Domel d.o.o.
- Siliko d.o.o.
- Egasi d.o.o.
- Dossis d.o.o.
- Iskra AMS d.o.o.
- ContiTech Slovenija d.o.o.
- DOM-TITAN d.d.
- VAR d.o.o.
- Odelo Slovenija d.o.o.
- Orodjarstvo Knific d.o.o.
- University of Ljubljana – Faculty of Mechanical Engineering
- University of Ljubljana – Faculty of Electrical Engineering
- Vienna Engineering GmbH
- Kurz Kunststoffe GmbH
- ZAG - Zavod za gradbeništvo Slovenije
- LKM & A d.o.o.
- Moto garaža - Rok Bagoroš s.p.
- Car & hifi Oldtimers d.o.o
- Elaphe d.o.o.
- FONDA SPORT PERFORMANCE in absoluteBLACK
- ...





Futusol, projektiranje, proizvodnja, montaža in trgovina specialnih strojev in naprav, d.o.o.  
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