

Presentation

The business incubator

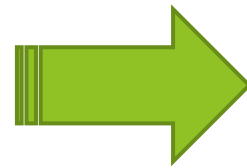


**Startup
Incubation
Center**



Purpose of the incubator

Providing support, resources and mentorship to startups and local companies, helping them navigate the challenges of starting and growing a business.



- **Offices and co-working spaces**
- **Mentorship and Advising**
- **Networking Opportunities**
- **Education and Training**
- **Access to Laboratories and Resources**
- **Administrative Support**
- **Business Plan Development**
- **Access to Customers**



- **Laser Cutting (Metal , Non-metal)**
- **Sheet Metal Bending**
- **Reverse engineering 3D scanning**
- **Plastic Injection**
- **CNC Metal Working**
- **Vacuum Forming**
- **Sewing**
- **Welding**



1.1 Laser Cutting in Metal

- a) the production of sheet metal
- b) the elaboration of decorative architectural elements
- c) the elaboration of high precision profiled casings



b)



c)



a)

Areas of use of laser cutting

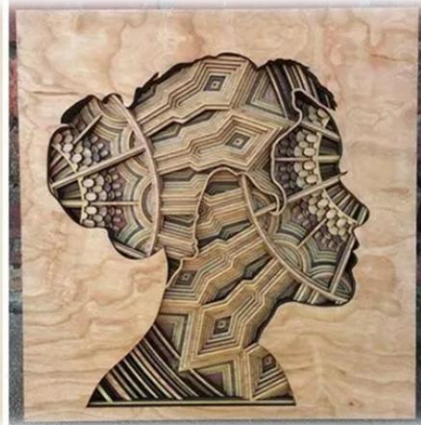
on non-metallic materials can be:

- a) folding boxes
- b) gift and toy industry
- c) leather clothing industry
- d) interior decoration and design



1.2 Laser Cutting. Non-metal

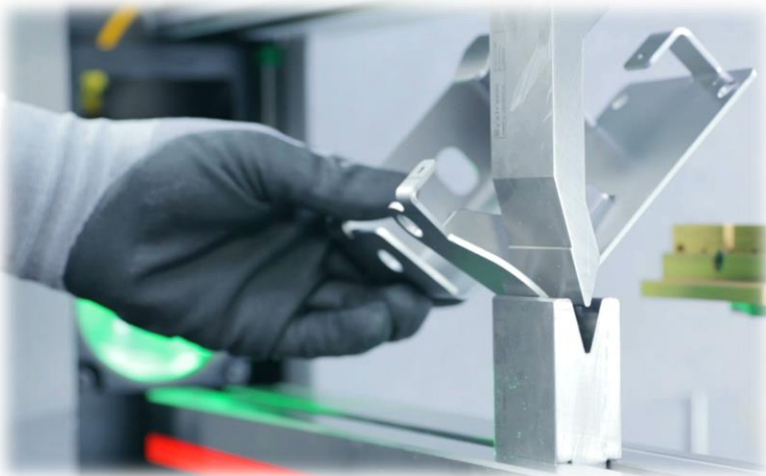
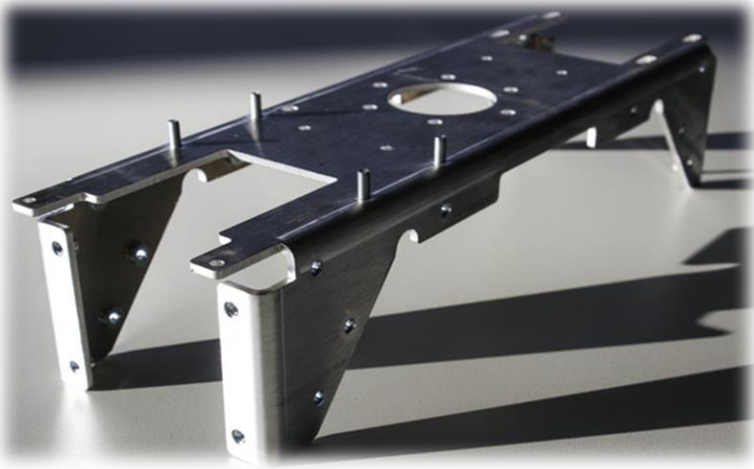
d) interior decoration and design



2. Sheet Metal Bending

The sheet bending areas are part of the manufacturing industry and allow the realization of business ideas such as:

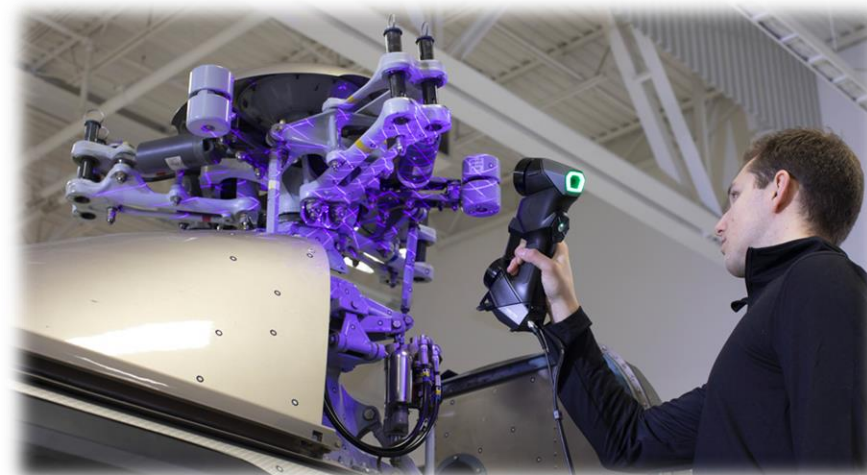
- a) production of metal boxes,
- b) protective facings for any object and machinery.



3. Reverse engineering 3D scanning

Reverse engineering fields allow to provide a number of engineering spheres, such as:

- metrology;
- design and innovation;
- manufactured products;
- quality control, maintenance and repair work;
- bioengineering;
- inspecting heavy equipment.



4. Plastic Injection

Obtaining molded products by injecting plastic materials molten by heat into a mold, and then cooling and solidifying them.



Linie de productie automatizata pentru injectie plastic



Production of metal components



Milling



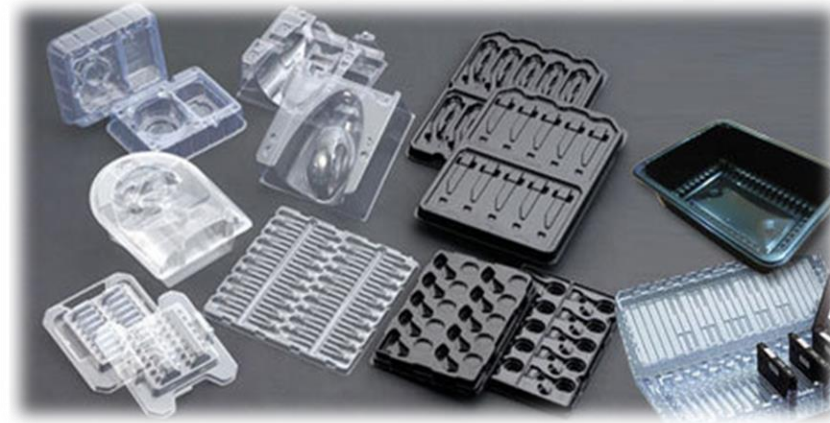
Turning



6. Vacuum Forming

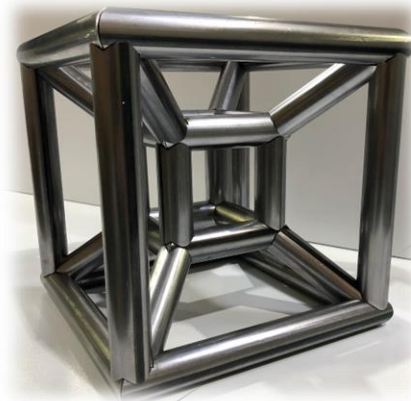
Production of household items or components that do not require a sophisticated process.

This sphere requires a vacuuming machine and a cutting machine.



7. Welding

The main welding works that can be performed are weldable items in medium - sized spaces, such as: profiled housings, furniture, decorative items, etc.



8. Sewing

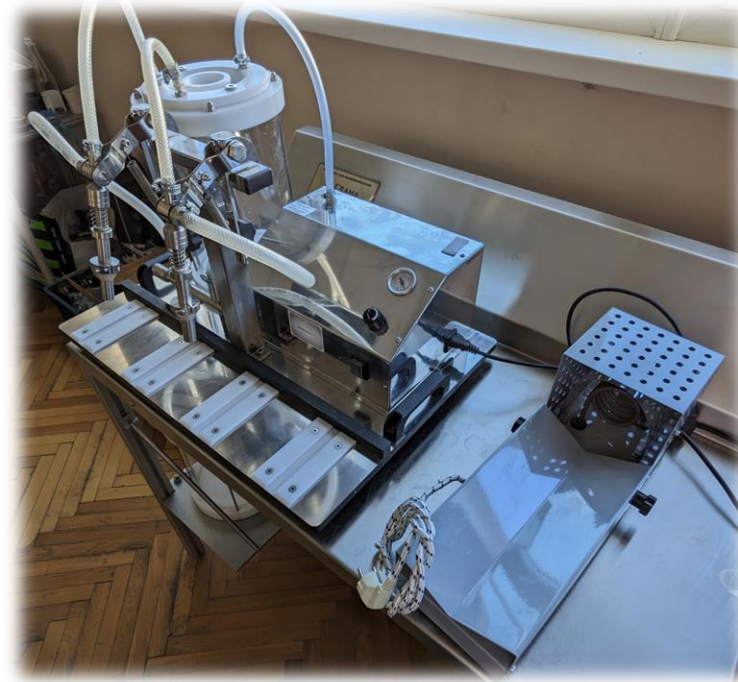
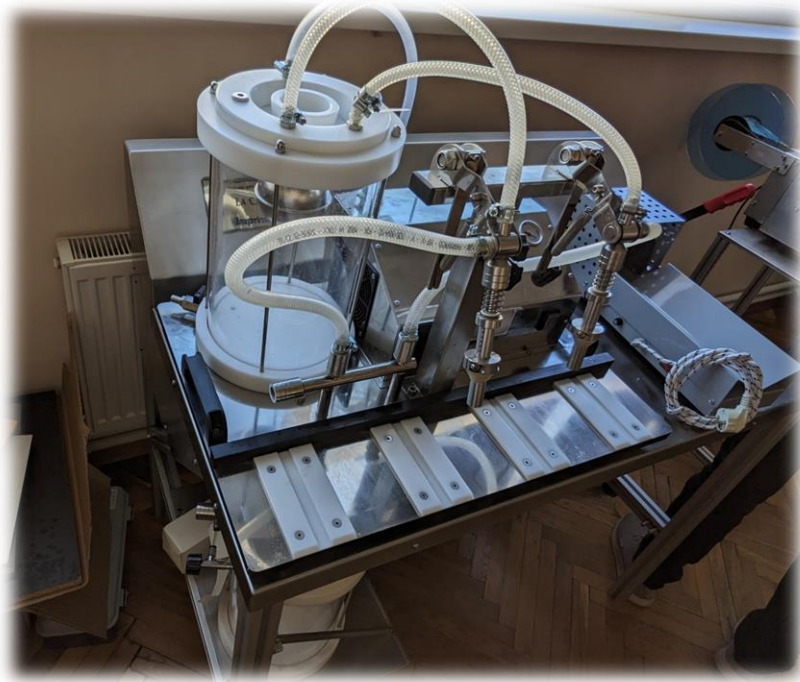
Starting from the need of the multinational resident companies from the automotive industry to purchase cable textile covers, we are going to create opportunities for young people to start a business in the given field and at the same time to substitute the import of textile harness covers with domestic production.



Automatic bottling system with different volumes



Automated filling, bottling and labelling line in small wine production



Labelling complex



Banding Machine



Processed products final stage

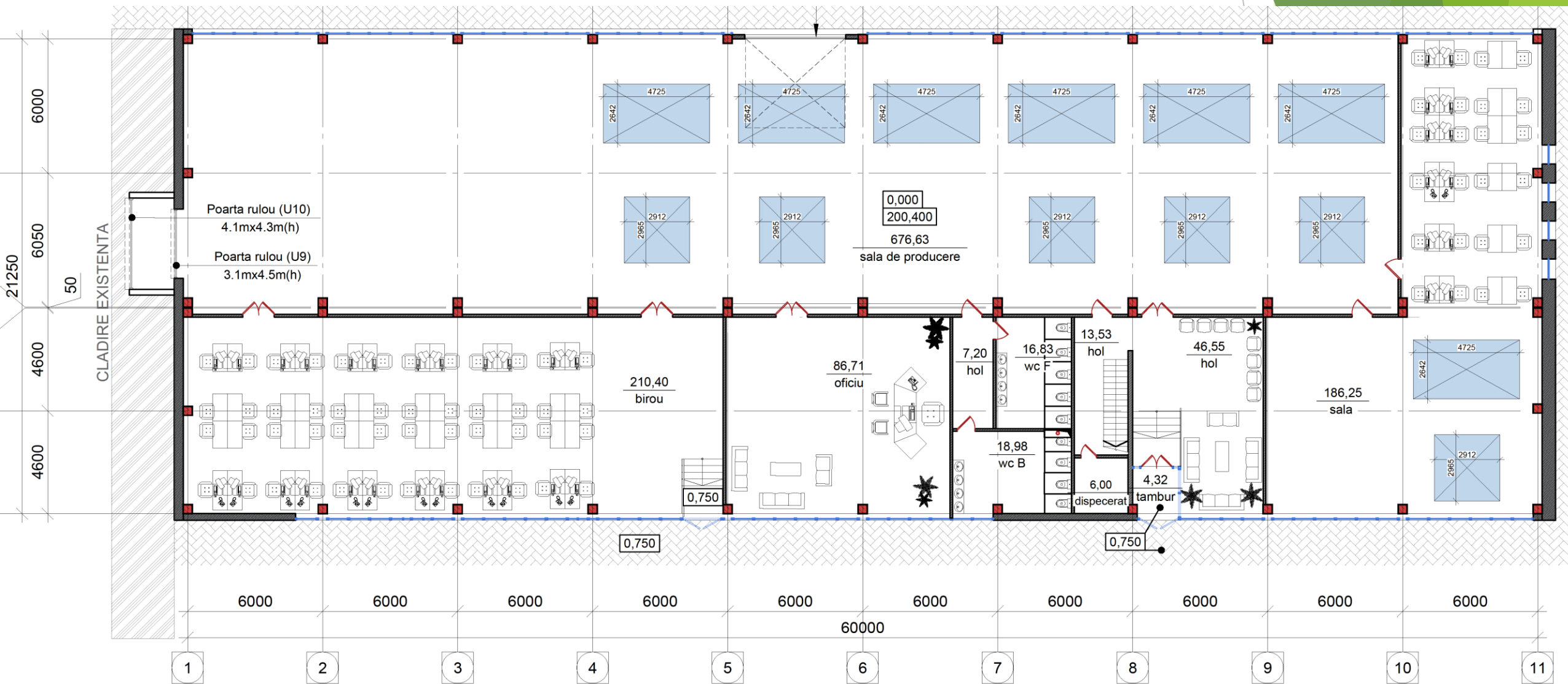


Average age of specialists



Automatic film wrapping machine model 300-FF is designed for forming, filling and sealing of polyethylene or polypropylene film bags.





Partner companies



FESTO

WALTER



CADWORKS 2.0

SOLIDWORKS

ABB

CNC KELLER

th
TECHNISCHE UNIVERSITÄT
ILMENAU



UNIVERZITA J. E. PURKYNE V USTI NAD LABEM



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